

FDEP Submittal
2023 Coastal Monitoring Survey
Onshore/Offshore Profiles
Volusia County R-00 through R-208

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Section 1

Survey Drawings

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA

-FOR-

FOR TAYLOR ENGINEERING, INC.

DATE: OCTOBER 21, 2023
COMMISSION NUMBER 35329-7

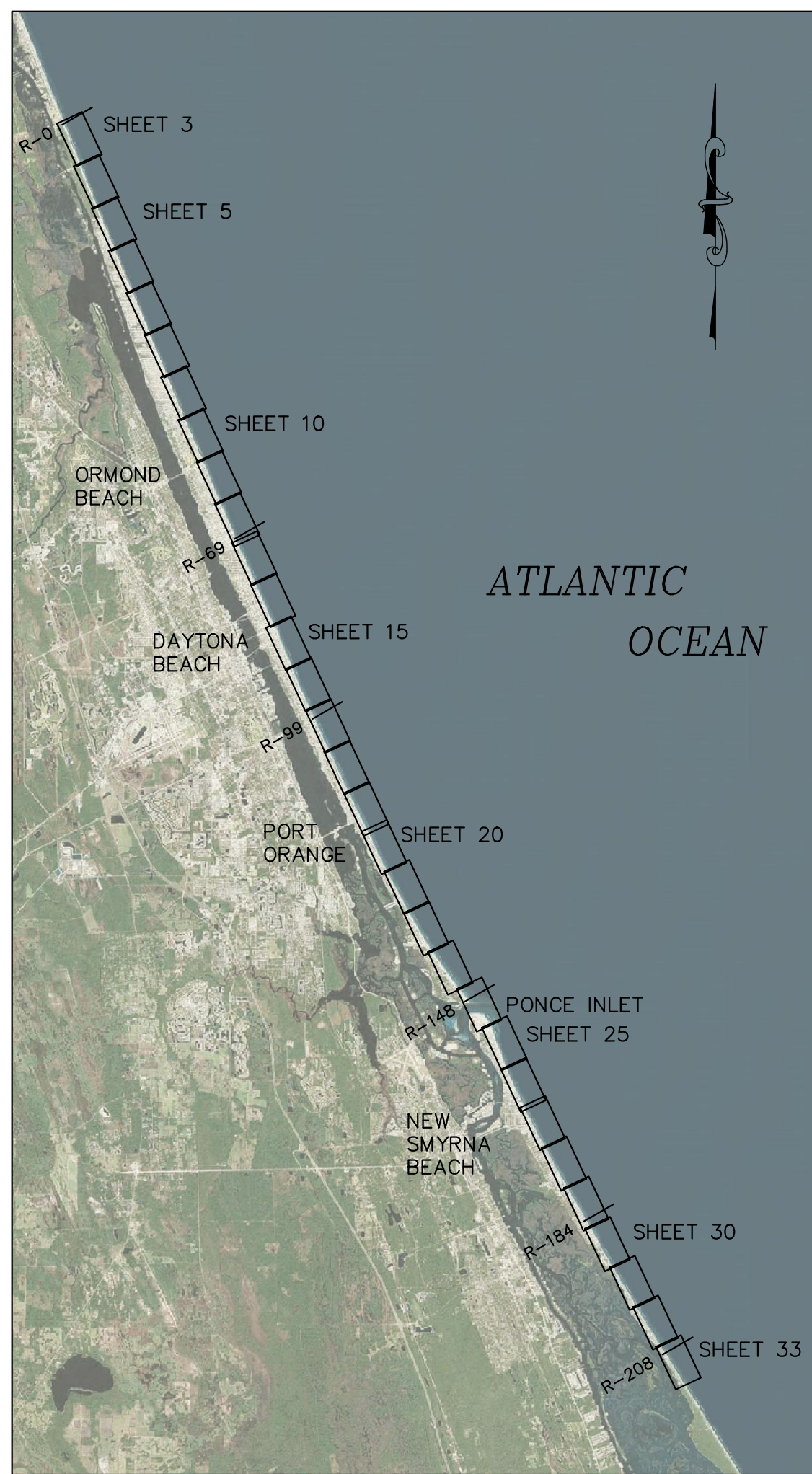
PREPARED BY:

Morgan & Eklund Inc.
PROFESSIONAL SURVEY CONSULTANTS
LB #4298

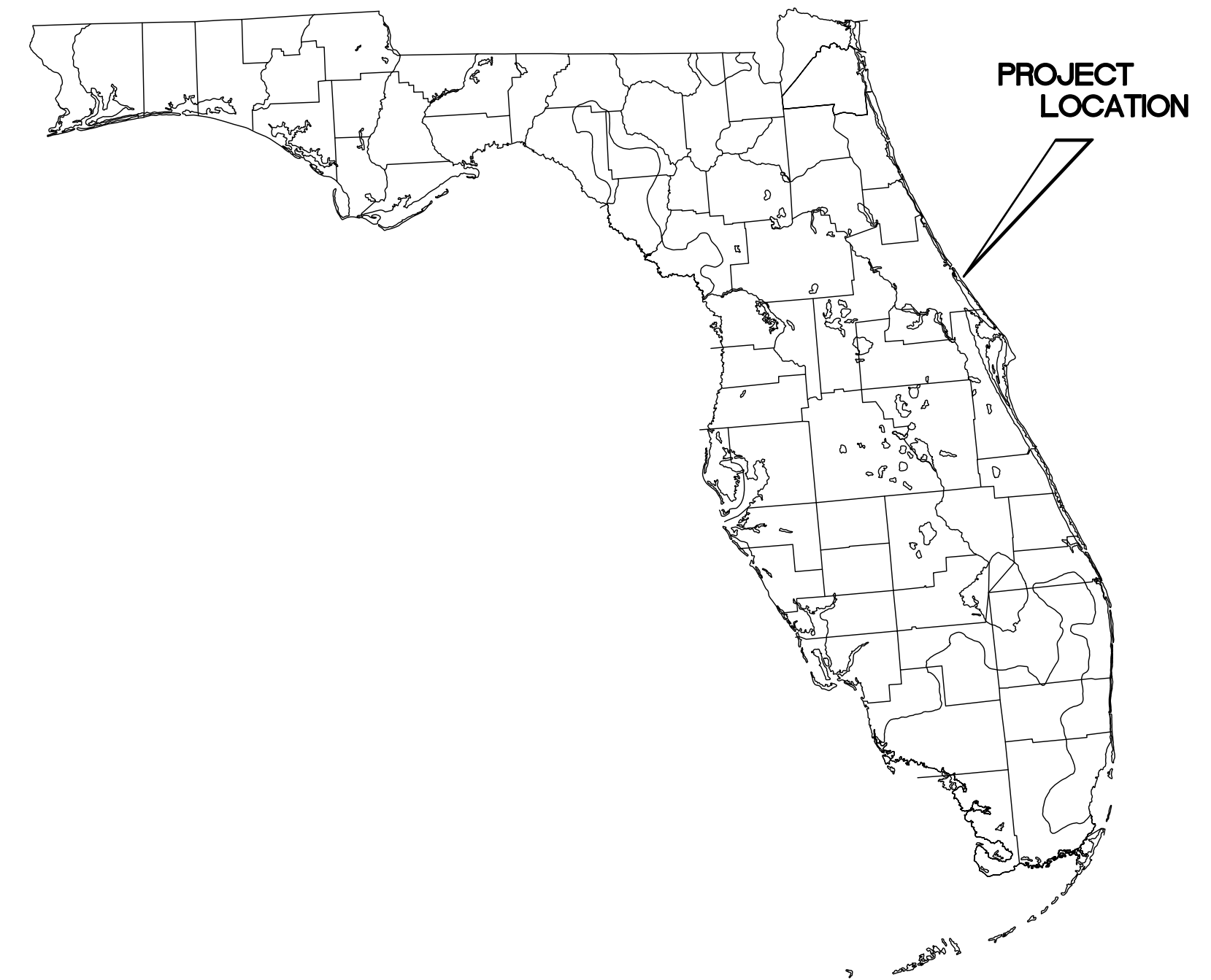


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LOCATION MAP
1" INCH = 20,000 FEET



SURVEY NOTES:

- GRID COORDINATES SHOWN ARE IN FEET, AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 1990 (NAD 83/90).
- GRID COORDINATES ARE BASED ON MONUMENTS AS SHOWN IN THE CONTROL TABLE (SEE SHEET 2).
- ELEVATIONS SHOWN ARE IN FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- ELEVATIONS ARE BASED ON MONUMENTS AS SHOWN IN THE CONTROL TABLE (SEE SHEET 2).
- BATHYMETRIC INFORMATION DEPICTED ON THIS SURVEY REPRESENTS THE EXISTING CONDITIONS ON THE DATE OF THE FIELD SURVEY AND WERE MEASURED USING AN ODOM E-20 DIGITAL FATHOMETER OPERATING AT 200 KHZ.
- HORIZONTAL AND VERTICAL POSITIONING UTILIZED A TRIMBLE MPS500 REAL TIME KINEMATIC (RTK) DUAL FREQUENCY GPS RECEIVER WITH REAL TIME CORRECTIONS APPLIED FROM A TRIMBLE R-780 DUAL FREQUENCY BASE STATION OCCUPYING NETWORK CONTROL POSITIONED USING MONUMENTATION AS SHOWN ON THE CONTROL TABLE (SEE SHEET 2).
- WATER SURFACE ELEVATIONS WERE OBTAINED USING A TRIMBLE MPS500 REAL TIME KINEMATIC (RTK) DUAL FREQUENCY GPS RECEIVER WITH REAL TIME CORRECTIONS APPLIED FROM A TRIMBLE R-780 DUAL FREQUENCY BASE STATION OCCUPYING POINTS SHOWN IN THE CONTROL TABLE AND WERE VERIFIED TO A TIDE STAFF ELEVATED FROM MONUMENTS AS SHOWN IN THE CONTROL TABLE (SEE SHEET 2).
- AERIAL IMAGERY WAS TAKEN 2021 BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- AERIAL IMAGERY IS DISPLAYED HEREON FOR INFORMATION PURPOSES ONLY, NO PHOTOGRAPHIC ACCURACY IS IMPLIED BY THIS MAP.
- NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- UNDERGROUND UTILITIES AND IMPROVEMENTS NOT LOCATED

SYMBOLS LEGEND:

- DEPARTMENT OF NATURAL RESOURCES CONCRETE MONUMENT PER PUBLISHED COORDINATES
- MORGAN & EKLUND RTK ESTABLISHED CONTROL

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	CONTROL TABLE
3-33	DATA POINT DRAWINGS
34-86	PROFILE VIEW

FIELD BOOKS: VOLUSIA 55, PAGES 15-79
VOLUSIA 56, PAGES 1-72
VOLUSIA 57, PAGES 1-8

CERTIFICATE OF SURVEYOR - I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AND MAPPERS IN CHAPTER 51-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

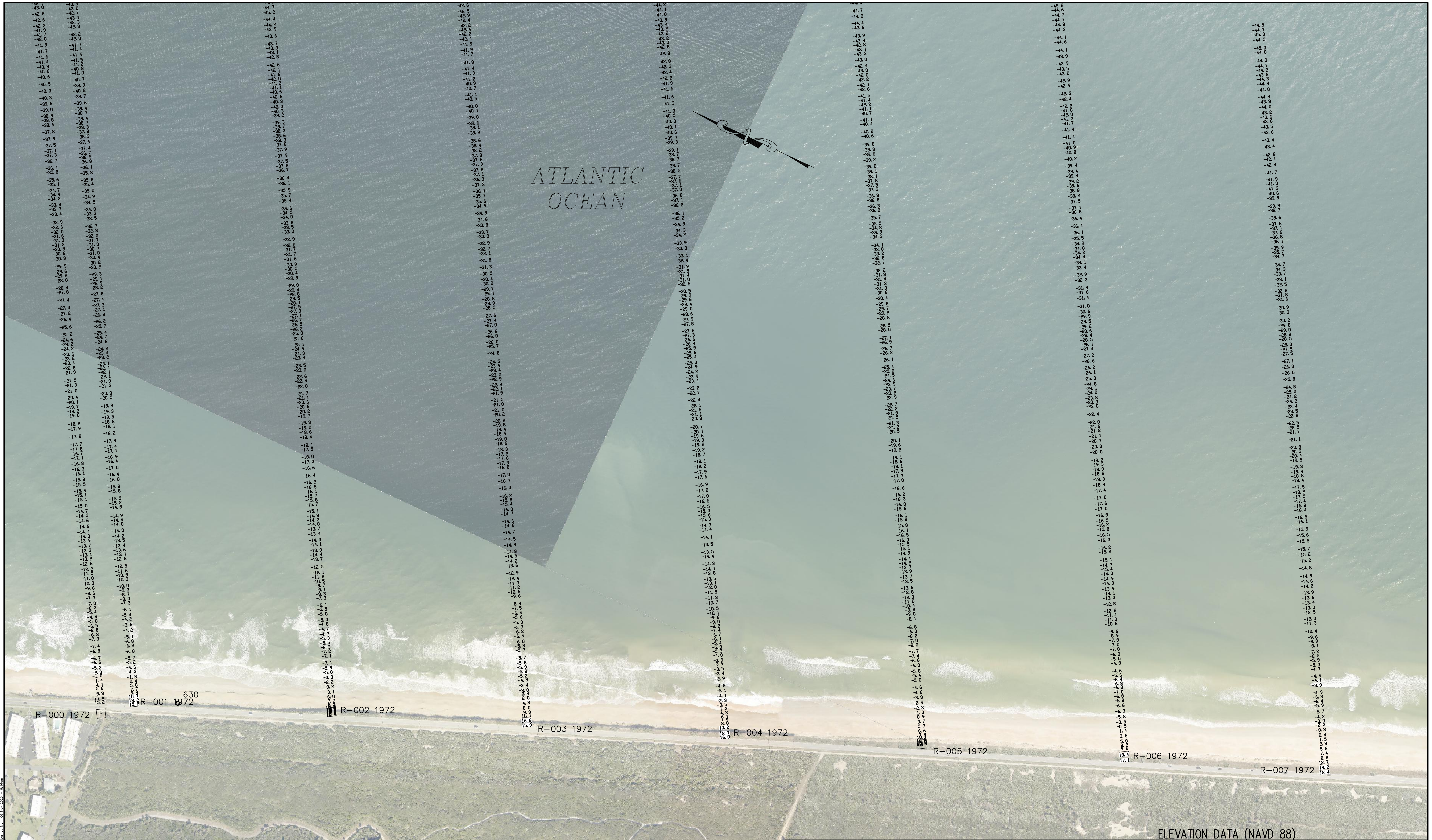
DAVID W. COGGIN, PSM
PROFESSIONAL SURVEYOR AND MAPPER # 6359
STATE OF FLORIDA

CONTROL TABULATION

STATION	RANGE	NAD 83/90 SPCS 901	NAVD 88	NORTH	US SURVEY FEET	
		NORTHING	EASTING	ELEVATION	AZIMUTH	DESCRIPTION
R-000	0	1851624.25	623472.03	16.00	60°	R-000 1972
R-001	0	1851502.70	623589.38	18.37	60°	R-001 1972
R-002	0	1850629.66	623944.62	19.29	60°	R-002 1972
R-003	0	1849763.66	624296.47	21.31	60°	R-003 1972
R-004	0	1848884.50	624647.93	21.63	60°	R-004 1972
R-005	0	1848007.39	624997.76	20.19	60°	R-005 1972
R-006	0	1847108.43	625354.50	18.21	60°	R-006 1972
R-007	0	1846216.78	625704.18	19.07	60°	R-007 1972
R-008	0	1845329.05	626049.58	19.10	60°	R-008 1972
R-009	0	1844433.20	626398.04	18.85	60°	R-009 1972
R-010	0	1843528.73	626757.26	21.01	60°	R-010 1972
R-011	0	1842627.11	627108.41	19.15	60°	R-011 1972
R-012	0	1841739.86	627471.18	18.68	60°	R-012 1972
R-013	0	1840833.39	627841.72	16.68	60°	R-013 1972
R-014	0	1839935.15	628194.30	19.88	60°	R-014 1972
R-015	0	1839040.29	628547.52	20.23	60°	R-015 1972
R-016	0	1838156.57	628899.34	21.55	60°	R-016 1972
R-017	0	1837266.22	629247.19	21.18	60°	R-017 1972
R-018	0	1836366.56	629606.57	22.80	60°	R-018 1972
R-019	0	1835493.68	629959.38	20.63	60°	R-019 1972
R-020	0	1834605.61	630323.59	20.68	60°	R-020 1972
R-021	0	1833760.16	630661.07	24.17	60°	R-021 1972
R-022	0	1832907.79	631008.60	21.41	60°	R-022 1972
R-023	0	1832032.83	631358.69	20.44	60°	R-023 1972
R-024	0	1831137.74	631716.64	21.35	60°	R-024 1972
R-025	0	1830237.01	632099.74	20.29	60°	R-025 1972
R-026	0	1829380.21	632476.01	17.98	60°	R-026 1972
R-027	0	1828505.74	632836.31	18.07	60°	R-027 1972
R-028	0	1827562.61	633082.24	16.40	60°	R-028 1987
R-029	0	1826758.90	633577.04	18.13	60°	R-029 1972
R-030	0	1825927.44	633928.40	18.58	60°	R-030 1972
R-031	0	1825032.48	634297.72	18.07	60°	R-031 1972
R-032	0	1824168.04	634676.52	16.97	60°	R-032 1972
R-033	0	1823297.47	635044.52	16.72	60°	R-033 1972
R-034	0	1822408.69	635406.26	16.02	60°	R-034 1987
R-035	0	1821547.52	635761.76	15.29	60°	R-035 1972
R-036	0	1820676.46	636133.40	13.48	60°	T-036 1978
R-037	0	1819805.97	636466.93	13.73	60°	T-037 1978
R-038	0	1818929.70	636848.32	14.31	60°	R-038 1972
R-039	0	1818051.95	637187.20	15.06	60°	T-039 1978
R-040	0	1817213.37	637536.58	15.42	60°	R-040 1972
R-041	0	1816313.73	637892.74	11.85	60°	R-041 1972
R-042	0	1815387.57	638276.32	12.23	60°	R-042 1972
R-043	0	1814543.67	638599.23	12.93	60°	R-043 1972
R-044	0	1813665.62	638969.44	12.89	60°	R-044 1972
R-045	0	1813080.32	639229.47	15.36	60°	R-045 1972
R-046	0	1812032.86	639543.24	21.08	60°	R-046 1987
R-047	0	1811090.86	639983.69	16.29	60°	R-047 1972
R-048	0	1810190.47	640403.03	16.51	60°	R-048 1987
R-049	0	1809273.58	640758.07	18.94	60°	R-049 1972
R-050	0	1808412.30	641158.71	14.56	60°	R-050 1987
R-051	0	1807566.69	641510.16	9.83	60°	R-051 1972
R-052	0	1806670.19	641898.79	12.03	60°	R-052 1972
R-053	0	1805818.92	642269.02	15.17	60°	T-053 1978
R-054	0	1804904.15	642683.94	10.90	60°	R-054 1987
R-055	0	1803947.54	643065.01	11.97	60°	R-055 1972
R-056	0	1803190.53	643367.52	18.51	60°	R-056 1972
R-057	0	1802337.30	643775.77	15.96	60°	R-057 1987
R-058	0	1801551.24	644099.46	11.38	60°	R-058 1972
R-059	0	1800519.80	644508.67	17.14	60°	T-059 1978
R-060	0	1799723.22	644883.05	9.67	60°	R-060 1972
R-061	0	1798900.04	645227.02	13.37	60°	R-061 1987
R-062	0	1797930.62	645662.35	13.47	60°	R-062 1987
R-063	0	1797053.01	646015.71	14.28	60°	R-063 1972
R-064	0	1796202.98	646417.99	10.70	60°	R-064 1987
R-065	0	1795318.91	646788.50	4.80	60°	T-065 1978
R-066	0	1794341.42	647217.70	8.13	60°	T-066 1978
R-067	0	1793537.44	647574.06	12.85	60°	R-067 1987
R-068	0	1792655.99	647951.95	10.83	60°	R-068 1972
R-069	0	1791787.08	648343.94	12.32	60°	T-069 1978
R-070	0	1791013.83	648681.89	11.84	60°	R-070 1987
R-071	0	1790138.44	649064.99	9.29	60°	R-071 1987
R-072	0	1789186.62	649446.14	7.89	60°	R-072 1972
R-073	0	1788311.94	649746.20	21.07	60°	R-073 1987
R-074	0	1787470.67	650103.89	22.90	60°	R-074 1987
R-075	0	1786744.64	650498.60	6.55	60°	R-075 1972

CONTROL TABULATION

STATION	RANGE	NORTHING	EASTING	ELEVATION	AZIMUTH	US SURVEY FEET
R-076	0	1785710.21	650937.94	13.18	60°	R-076 1987
R-077	0	1784855.75	651325.21	13.58	60°	R-077 1987
R-078	0	1783929.04	651706.68	14.62	60°	T-078 1978
R-079	0	1782987.83	652080.87	14.75	60°	R-079 1972
R-080	0	1782096.17	652526.83	7.39	60°	R-080 1972
R-081	0	1781213.67	652909.70	12.70	60°	T-081 1978
R-082	0	1780363.77	653319.86	11.08	60°	T-082 1978
R-083	0	1779510.34	653693.98	11.12	60°	R-083 1972
R-084	0	1778556.81	654113.13	14.70	60°	R-084 1987
R-085	0	1777755.82	654432.05	12.20	60°	R-085 1972
R-086	0	1776980.77	654750.00	14.91	60°	R-086 1972
R-087	0	1776072.83	654986.99	12.69	60°	R-087 1987
R-088	0	1775161.65	655483.96	14.41	60°	T-088 1978
R-089	0	1774259.82	655841.63	11.46	60°	T-089 1978
R-090	0	1773488.19	656169.84	5.10	60°	R-090 1972
R-091	0	1772607.90	656534.59	11.26	60°	R-091 1987
R-092	0	1771885.53	656849.80	11.55	60°	T-092 1978
R-093	0	1771052.87	657203.42	16.23	60°	R-093 1987
R-094	0	1770124.10	657612.84	8.66	60°	R-094 1972
R-095	0	1769231.29	658023.68	13.09	60°	T-095 1978
R-096	0	1768368.02	658422.29	15.31	60°	T-096 1978
R-097	0	1767550.54	658791.95	10.54	60°	R-097 1987
R-098	0	1766631.72	659213.54	8.89	60°	T-098 1978
R-099	0	1765789.21	659595.46	10.43	60°	T-099 1978
R-100	0	1764930.18	659978.78	10.95	60°	R-100 1987
R-101	0	1764145.65	660316.04	10.93	60°	R-101 1972
R-102	0	1763140.20	660742.86	13.94	60°	T-102 1978
R-103	0	1762295.05	661148.26	14.42	60°	T-103 1978
R-104	0	1761298.03	661517.58	16.35	60°	R-104 1988
R-105	0	1760430.12	661950.56	16.11	60°	R-105 1972
R-106	0	1759516.58	662334.09	19.25	60°	R-106 1972
R-107	0	1758700.72	662829.35	10.39	60°	R-107 1988
R-108	0	1757815.36	663247.57	9.16	60°	R-108 1987
R-109	0	1756926.57	663665.38	8.62	60°	T-109 1977
R-110	0	1755995.39	664109.38	7.50	60°	R-110 1987
R-111	0	1755230.36	664464.70	12.67	60°	R-111 1987
R-112	0	1754412.73	664845.57	15.66	60°	R-112 1987
R-113	0	1753562.59	665238.63	15.32	60°	T-113 1978
R-114	0	1752692.08	665651.23	8.99	60°	T-114 1978
R-115	0	1751387.96	666240.99	4.87	60°	T-115 1978
R-116	0	1750874.51	666522.15	14.62	60°	R-116 1987
R-117	0	1750071.55	666909.01	12.44	60°	R-117 1987
R-118	0	1749134.62	667340.01	20.29	60°	T-118 1978
R-119	0	1748427.99	667726.11	11.81	60°	R-119 1987
R-120	0	1747438.33	668184.69	16.95	60°	R-120 1987
R-121	0	1746665.48	668535.89	10.32	60°	R-121 1972
R-122	0	1745826.29	668923.61	13.71	60°	R-122 1972
R-123	0	1745054.44	669349.52	12.77	60°	T-123 1978
R-124	0	1744095.87	669772.07	21.00	60°	R-124 1987
R-125	0	1743231.82	670264.34	10.78	60°	R-125 1972
R-126	0	1742358.95	670661.99	18.89	60°	R-126 1972
R-127	0	1741564.21	671126.07	13.26	60°	T-127 1978
R-128	0	1740720.49	671594.53	9.58	60°	R-128 1987
R-129	0	1739868.25	672005.93	13.11	60°	R-129 1972
R-130	0	1739042.09	672486.96	12.12	60°	R-130 1987
R-131	0	1738130.71	672915.51	27.29	60°	R-131 1972
R-132	0	1737316.32	673446.07	9.64	60°	R-132 1972
R-133	0	1736462.00	673826.29	16.71	60°	R-133 1972
R-134	0	1735630.95	674301.73	15.99	60°	R-134 1972
R-135	0	1734826.99	674783.32	17.55	60°	R-135 1972
R-136	0	1734009.61	675268.60	17.37	60°	R-136 1972
R-137	0	1733187.73	675755.52	18.77	60°	R-137 1972
R-138	0	1732359.18	676145.90	12.84	60°	R-138 1987
R-139	0	1731583.06	676640.58	15.74	60°	R-139 1972
R-140	0	1730906.62	677083.46	21.80	60°	T-140 1978
R-141	0	1730113.55	677572.17	15.64	60°	T-141 1983
R-142	0	1729367.65	678337.11	14.29	60°	R-142 1987
R-143	0	1728696.58	678862.81	14.55	60°	R-143 1987
R-144	0	1727847.52	679380.63	12.14	60°	R-144 1987
R-145	0	1727144.70	679907.06	12.13	60°	R-145 1987
R-146	0	1726371.37	680512.70	11.42	60°	R-146 1987
R-147	0	1725569.47	681037.32	7.49	60°	T-147 1978
R-148	0	1724927.46	681570.51	14.94	60°	R-148 1987
R-149	0	1722140.45	683131.12	17.58	60°	T-149 1987
R-150	0	1722190.14	684025.61	17.05	60°	R-150 1983



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HORIZONTAL SCALE 1" = 200'
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ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SHEET 3 OF 86					



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SHEET 4 OF 86					



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SHEET 5 OF 86					SCALE 1" = 200'
					DATE 11/2/23



ATLANTIC
OCEAN

0 200' 400'
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SCALE
1" = 200'
DATE
11/2/23
SHEET 6 OF 86



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0 200' 400'
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SHEET 7 OF 86					



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VOLUSIA COUNTY, FLORIDA
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DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23
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COMMISSION NO. 35329-7
SCALE 1" = 200'
DATE 11/2/23
SHEET 10 OF 86



U:\Projects\2022\2022 VOLUSIA BEACH MONITORING\2022 VOLUSIA BEACH MONITORING.dwg, 08 Mar 2023, 9:22am

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



Morgan & Eklund Inc.
PROFESSIONAL SURVEY CONSULTANTS

4909 US HIGHWAY #1
VERO BEACH, FL 32967
PHONE: (772) 388-5364
FAX: (772) 388-3165

1001 NORTH AMERICA WAY
SUITE 211
MIAMI, FL 33132
PHONE: (305) 364-5158
LB #4298

ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23	COMMISSION NO. 35329-7
SCALE 1" = 200'					DATE 11/2/23
SHEET 11 OF 86					



ATLANTIC
OCEAN

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



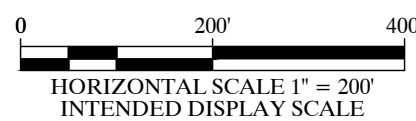
Morgan & Eklund Inc.
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SCALE 1" = 200'					DATE 11/2/23
SHEET 12 OF 86					



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ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SCALE 1" = 200'					DATE 11/2/23
SHEET 13 OF 86					



U:\Projects\2022\Volusia Beach\2022 Volusia Beach Survey\2022 Volusia Beach Survey.dwg, 08 Mar 2023, 9:24am

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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LFP	DWC	PAGE NO.	COVER	10/21/23

COMMISSION NO.	SCALE	DATE
35329-7	1" = 200'	11/2/23

SHEET 16 OF 86



HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

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ELEVATION DATA (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

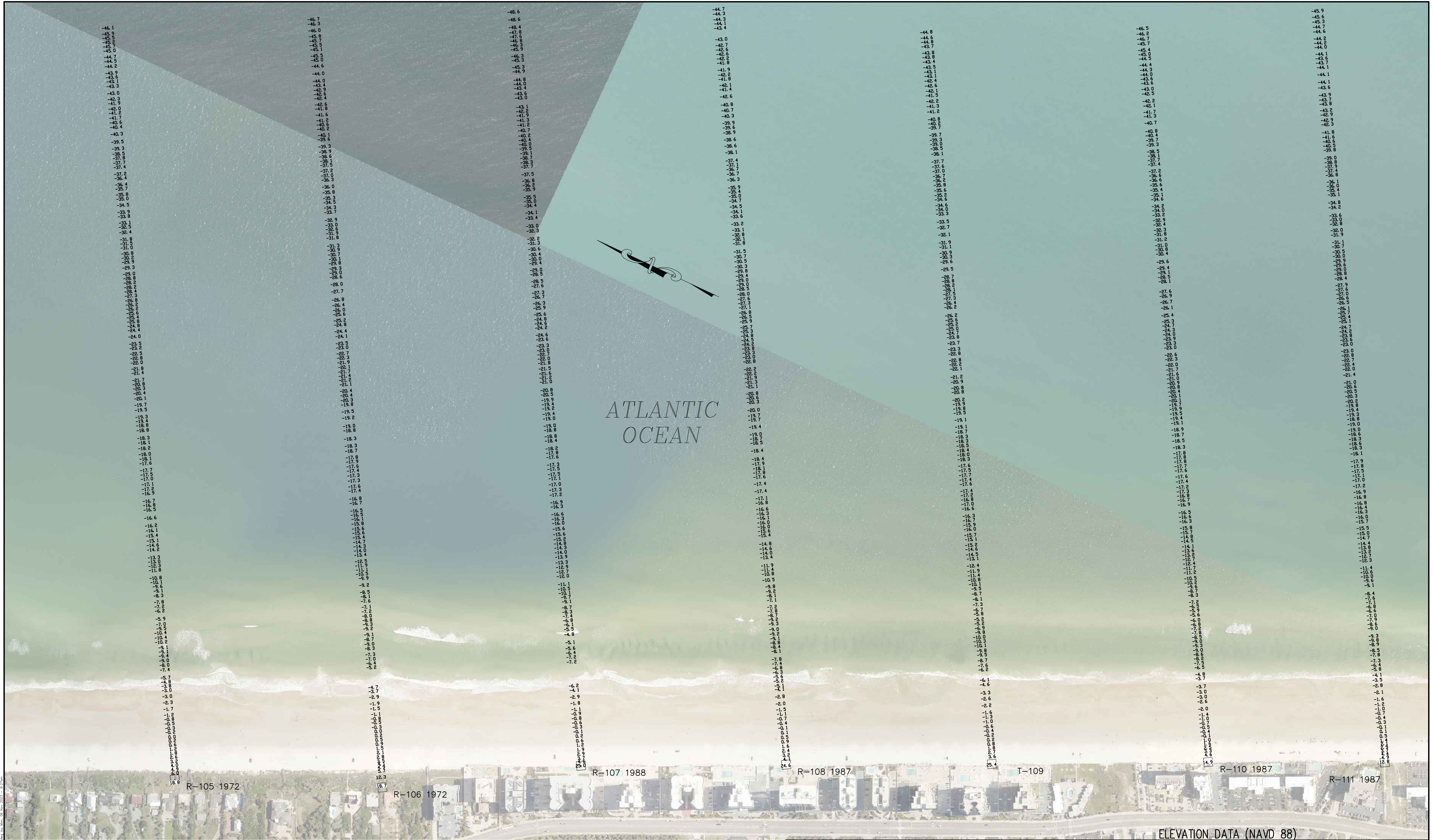
DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23
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COMMISSION NO.
35329-7

SCALE
1" = 200'

DATE
11/2/23

SHEET 17 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SCALE 1" = 200'					DATE 11/2/23
SHEET 18 OF 86					



ATLANTIC
OCEAN

R-112 1987

T-113 1978

R-114 1978

R-115 1978

R-116 1987

R-117 1987

T-118 1978

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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VERO BEACH, FL 32967 MIAMI, FL 33132
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FAX: (772) 388-3165 LB #4298

ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SCALE 1" = 200'					DATE 11/2/23
					SHEET 19 OF 86



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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SCALE
1" = 200'

DATE
11/2/23

SHEET 20 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
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SCALE 1" = 200'					DATE 11/2/23
SHEET 21 OF 86					



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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COMMISSION NO. 35329-7
SCALE 1" = 200'
DATE 11/2/23
SHEET 22 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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COMMISSION NO. 35329-7
SCALE 1" = 200'
DATE 11/2/23
SHEET 23 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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					SCALE 1" = 200'
					DATE 11/2/23
					SHEET 24 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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LB #4298

ELEVATION DATA (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY	CHECKED BY	FIELD BOOK	SEE	DATE OF SURVEY
LFP	DWC	PAGE NO.	COVER	10/21/23

COMMISSION NO.	SCALE	DATE
35329-7	1" = 200'	11/2/23

SHEET 25 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

R-162 1972

R-163 1972

R-164 1978

R-165 1972

R-159 1972

R-160 1972

R-161 1972

ELEVATION DATA (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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COMMISSION NO. 35329-7	
SCALE 1" = 200'	
DATE 11/2/23	
DRAWN BY LFP	CHECKED BY DWC
FIELD BOOK PAGE NO.	SEE COVER
DATE OF SURVEY 10/21/23	
SHEET 26 OF 86	



R-165 1972

R-166 1972

R-167 1972

R-168 1987

R-169 1978

R-170 1972

R-171 1972

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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COMMISSION NO. 35329-7
SCALE 1" = 200'
DATE 11/2/23
SHEET 27 OF 86



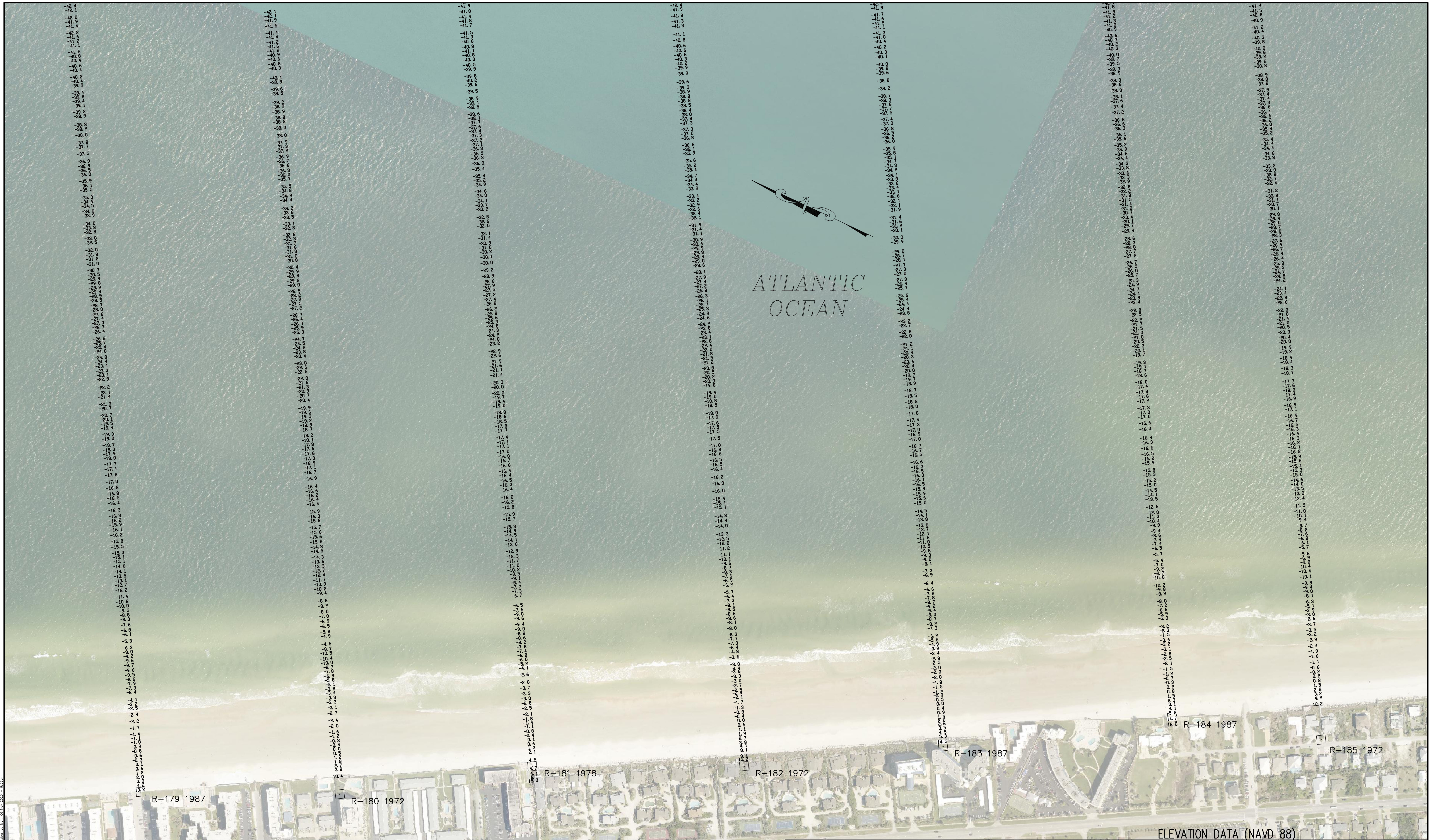
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HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



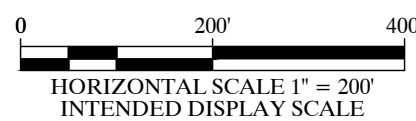
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2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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					SCALE 1" = 200'
					DATE 11/2/23
					SHEET 28 OF 86



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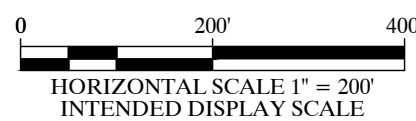
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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23	COMMISSION NO. 35329-7
SHEET 29 OF 86					SCALE 1" = 200'
					DATE 11/2/23



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FOR TAYLOR ENGINEERING, INC.

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					SCALE 1" = 200'
					DATE 11/2/23
					SHEET 30 OF 86



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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



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SCALE 1" = 200'					DATE 11/2/23
SHEET 31 OF 86					



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE



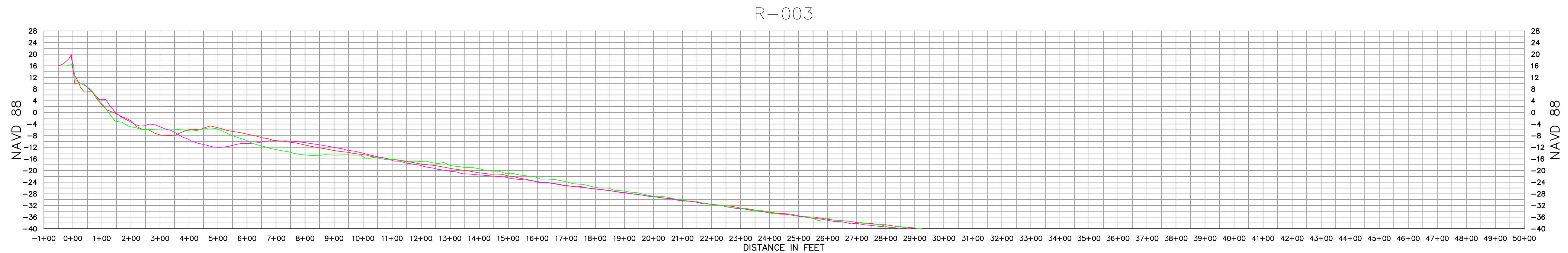
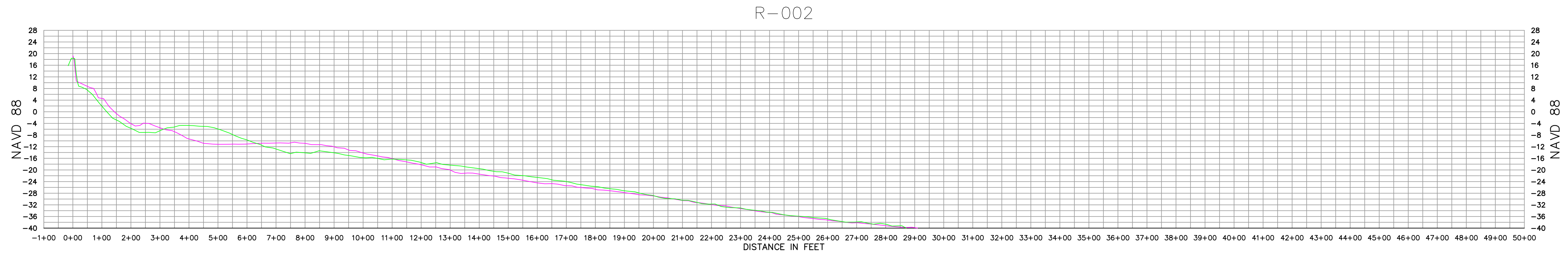
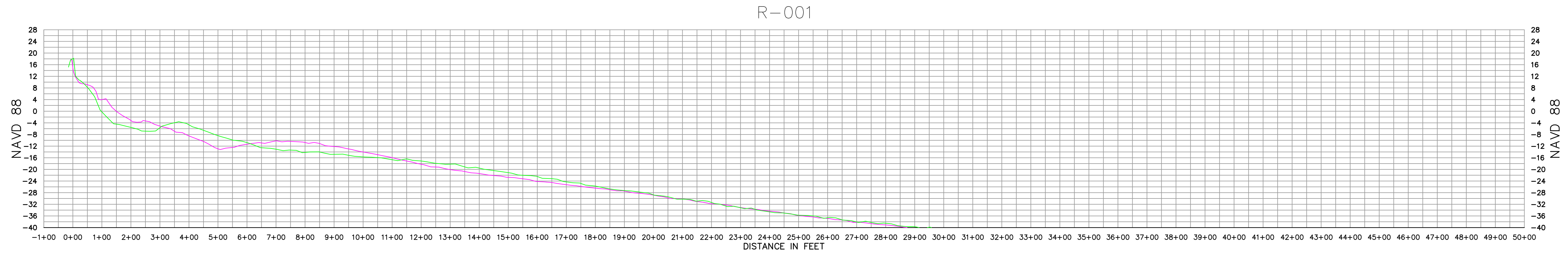
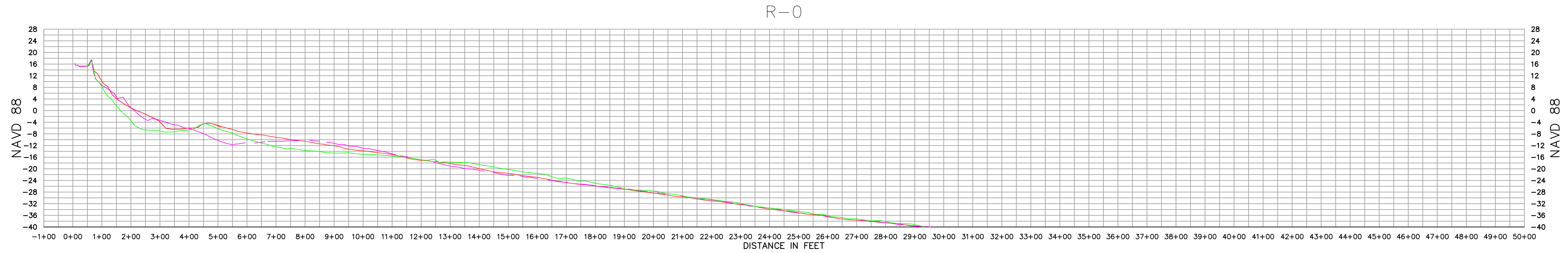
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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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LFP	DWC	PAGE NO.	COVER	10/21/23

COMMISSION NO.	SCALE	DATE
35329-7	1" = 200'	11/2/23

SHEET 32 OF 86



0 200' 400'

HORIZONTAL SCALE 1" = 200'

INTENDED DISPLAY SCALE

0 20' 40'

VERTICAL SCALE 1" = 20'

INTENDED DISPLAY SCALE

LEGEND

SEPTEMBER 2023
SEPTEMBER 2022
JULY 2019



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PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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FIELD BOOK
PAGE NO.

SEE
COVER

DATE OF SURVEY
10/21/23

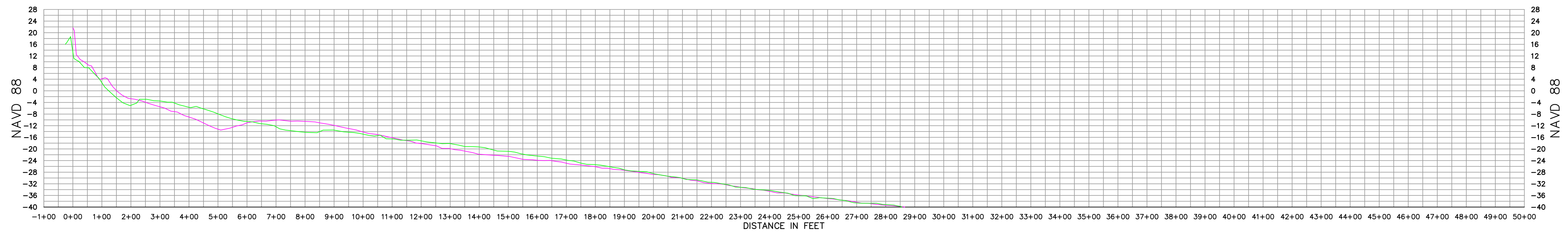
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35329-7

SCALE
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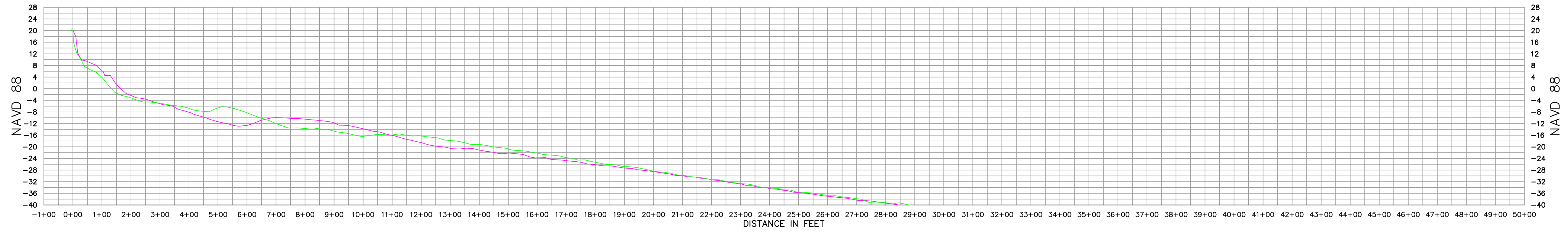
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11/2/23

SHEET 34 OF 86

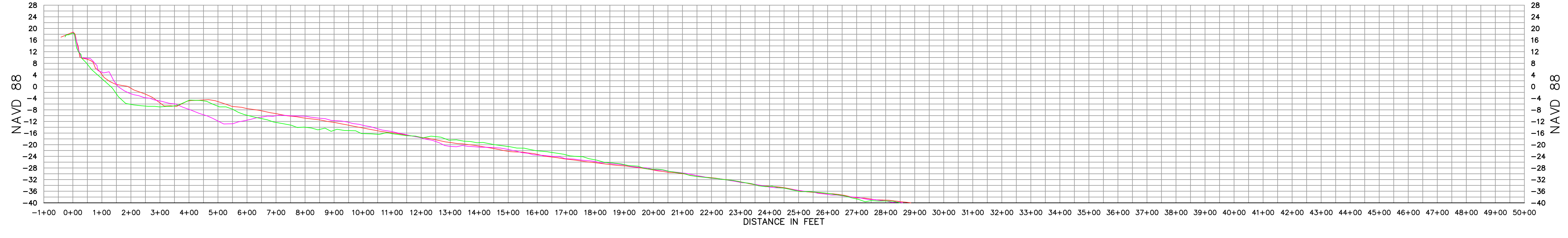
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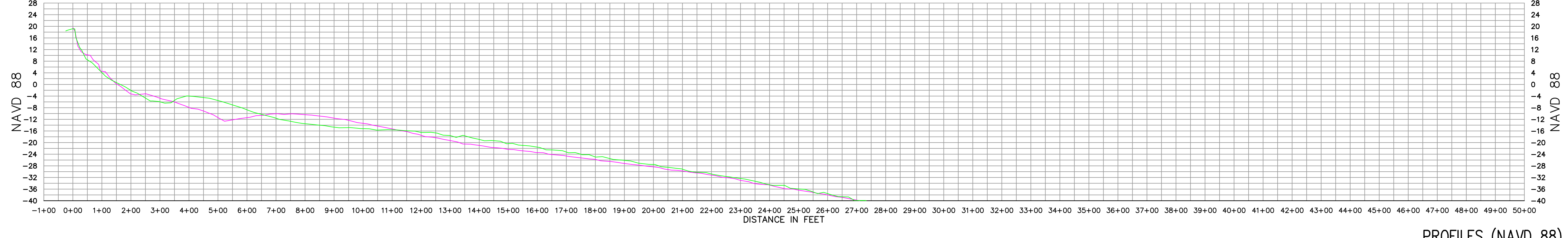
R-005



R-006



R-007



LEGEND	
—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019



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PHONE: (772) 388-5364
FAX: (772) 388-3165

1001 NORTH AMERICA WAY
SUITE 211
MIAMI, FL 33132
PHONE: (305) 364-5158
LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

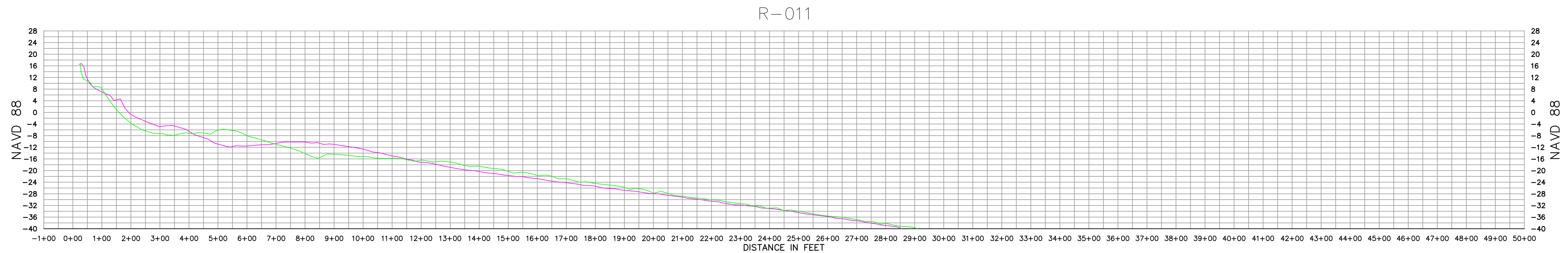
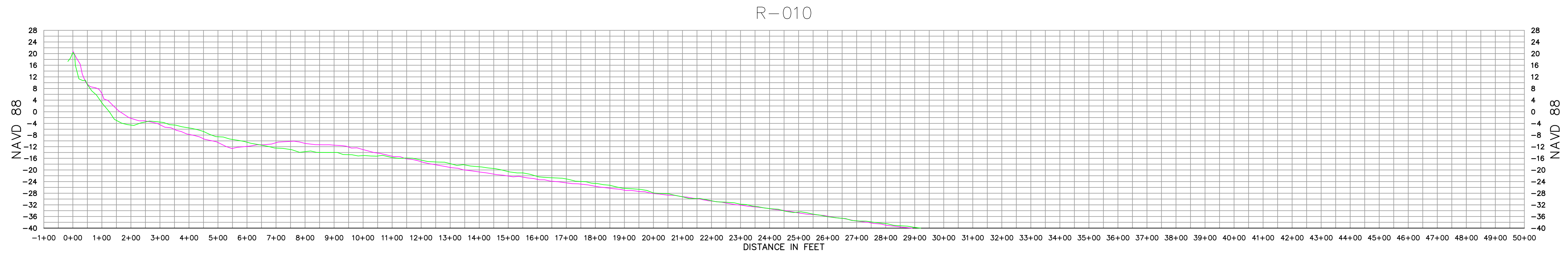
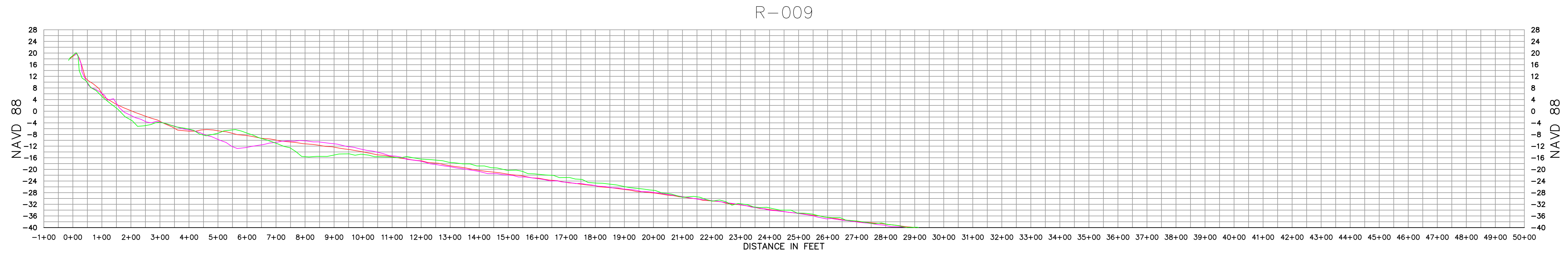
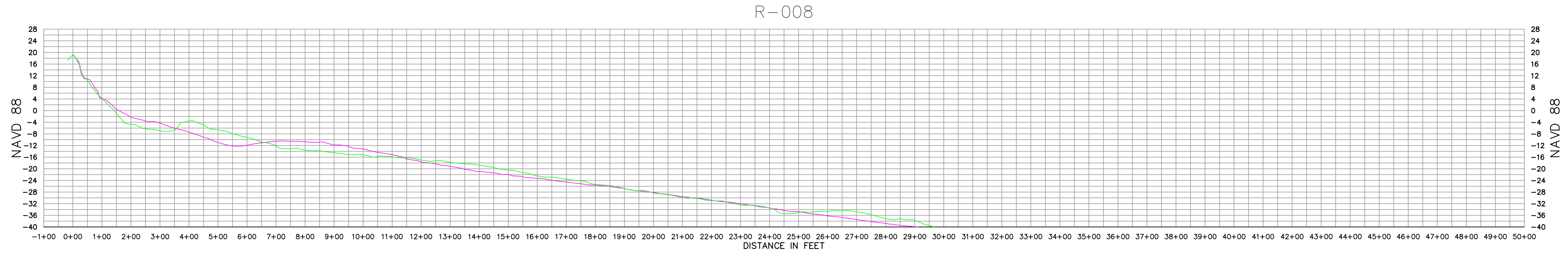
2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23	COMMISSION NO. 35329-7
					SCALE AS SHOWN
					DATE 11/2/23
					SHEET 35 OF 86



0 200' 400'

HORIZONTAL SCALE 1" = 200'

INTENDED DISPLAY SCALE

0 20' 40'

VERTICAL SCALE 1" = 20'

INTENDED DISPLAY SCALE

LEGEND

SEPTEMBER 2023

SEPTEMBER 2022

JULY 2019



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP

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FIELD BOOK PAGE NO.

SEE COVER

DATE OF SURVEY 10/21/23

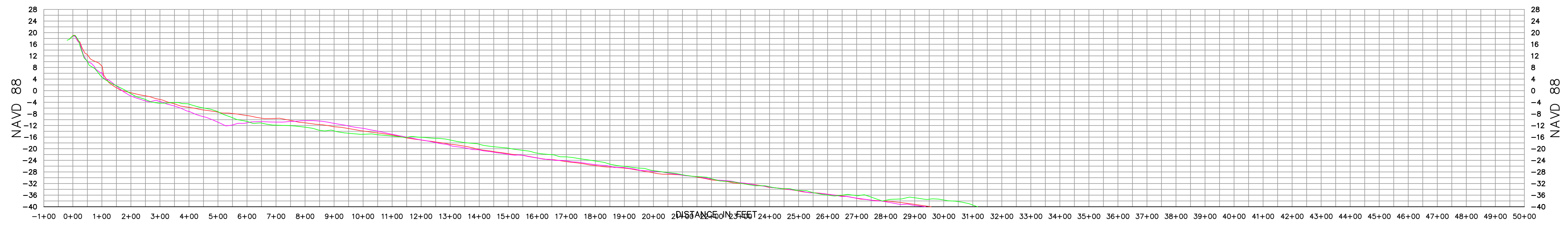
COMMISSION NO.
35329-7

SCALE
AS SHOWN

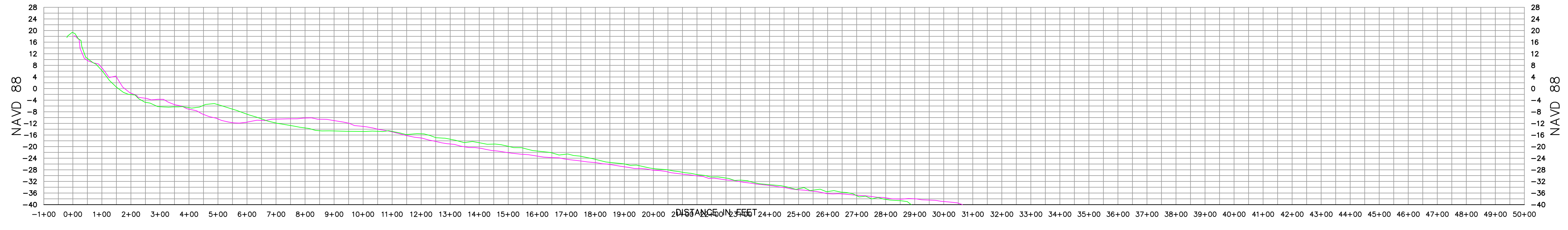
DATE
11/2/23

SHEET 36 OF 86

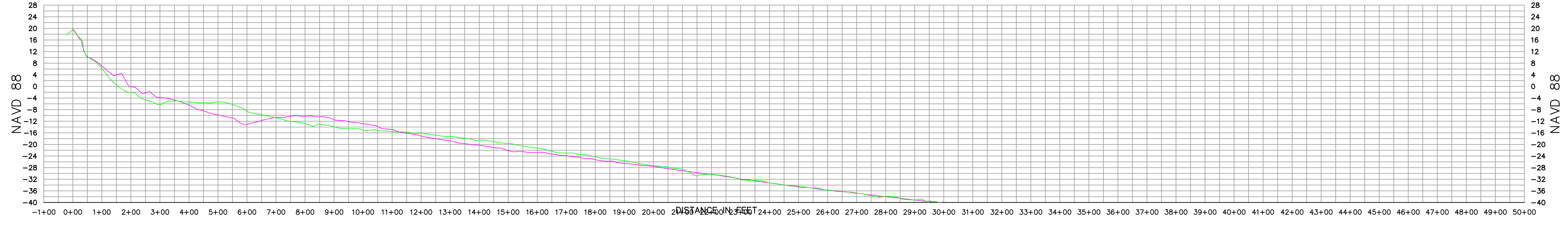
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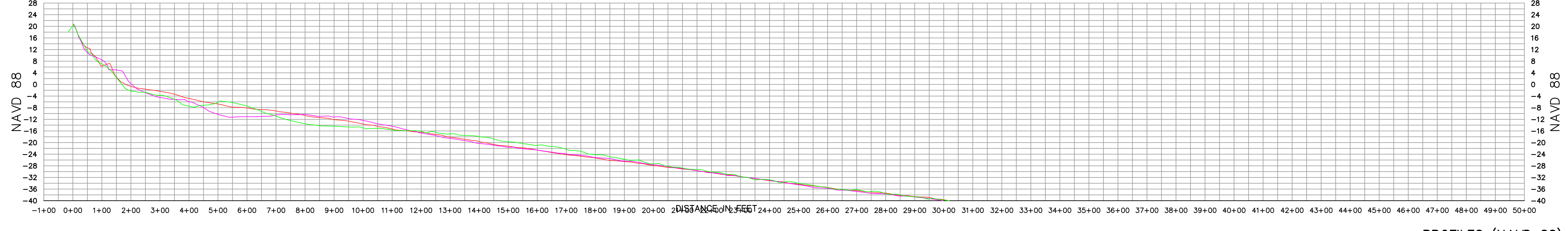
R-013



R-014



R-015



LEGEND	
—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

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FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

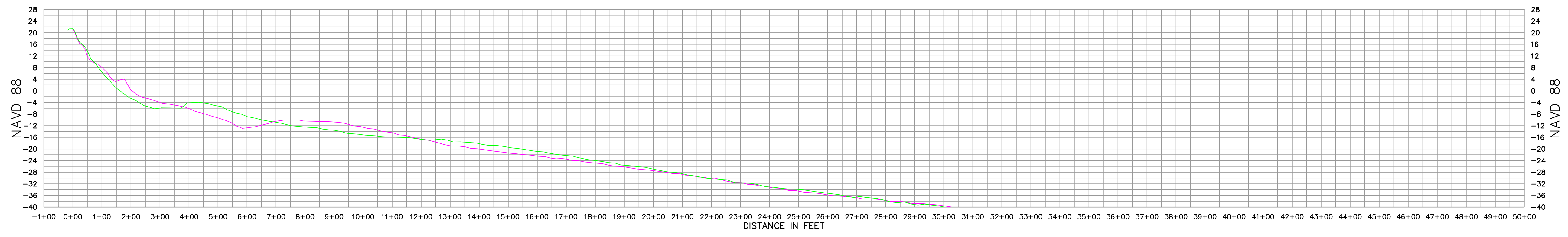
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LFP	DWC	PAGE NO.	COVER	10/21/23	35329-7

SCALE
AS SHOWN

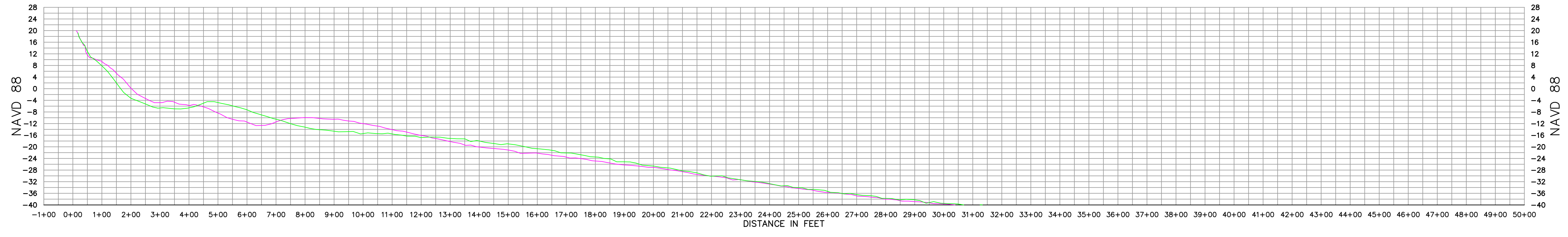
DATE
11/2/23

SHEET 37 OF 86

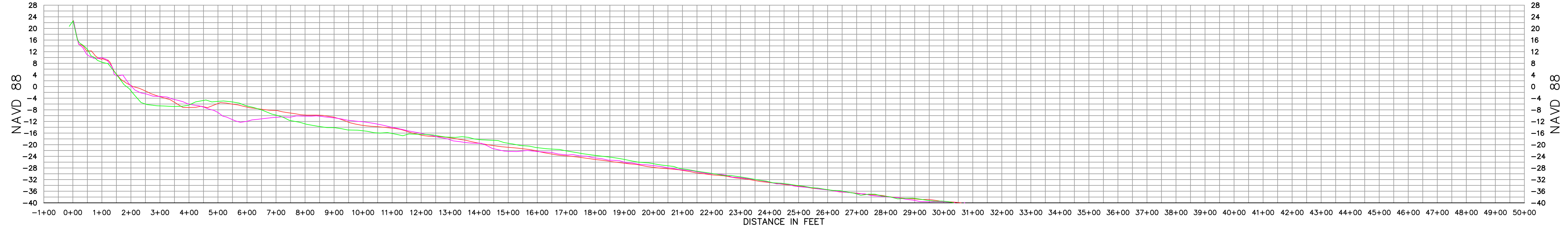
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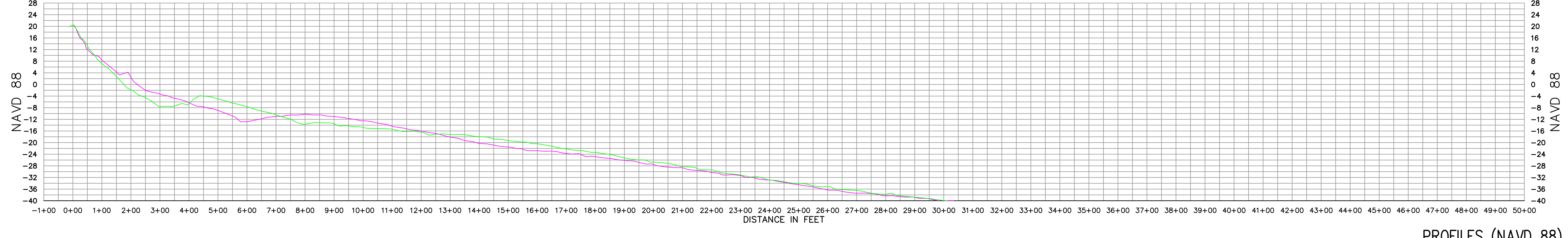
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R-018



R-019



LEGEND
— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019

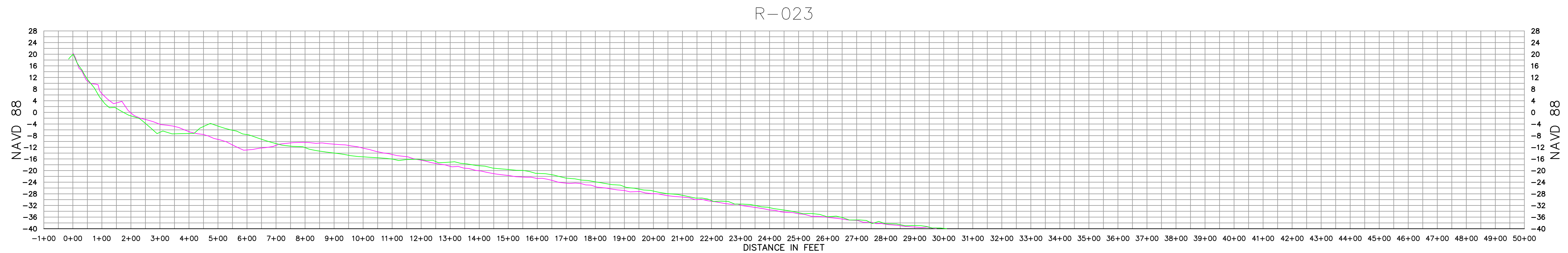
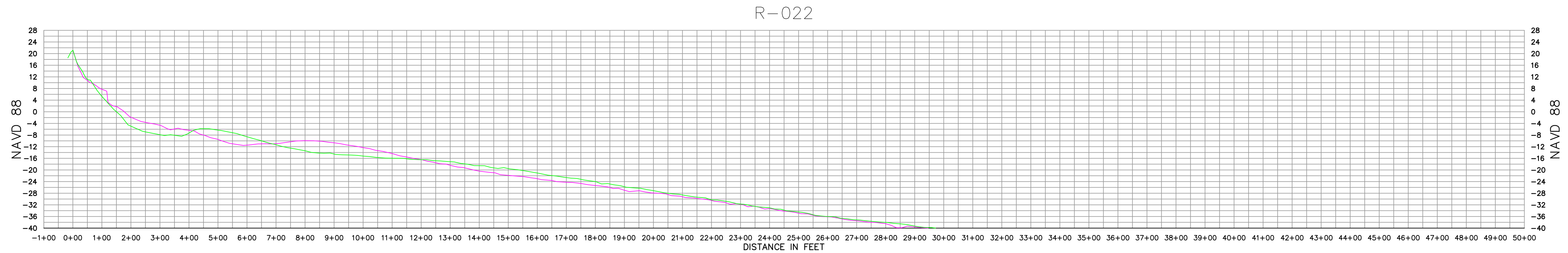
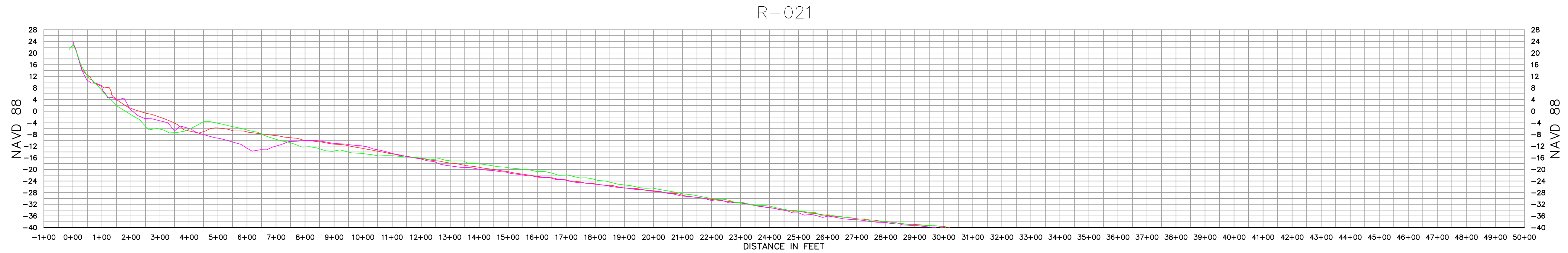
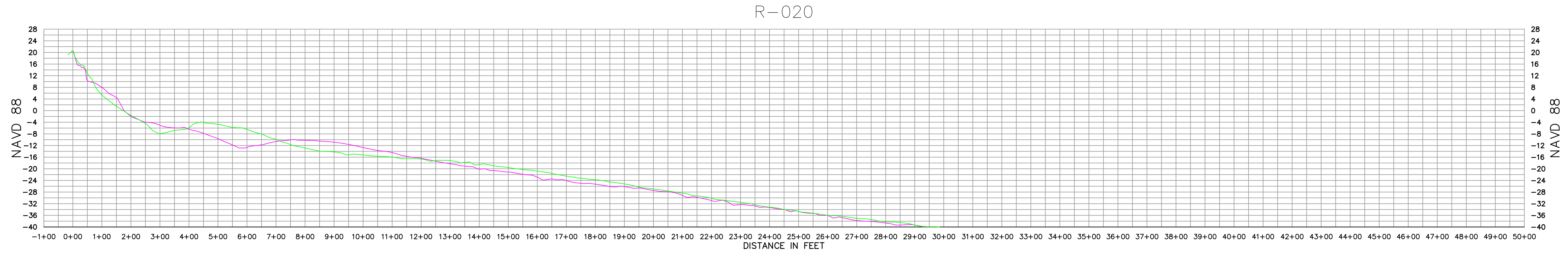
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

COMMISSION NO. 35329-7	
SCALE AS SHOWN	
DATE 11/2/23	
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SHEET 38 OF 86	



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND

—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019



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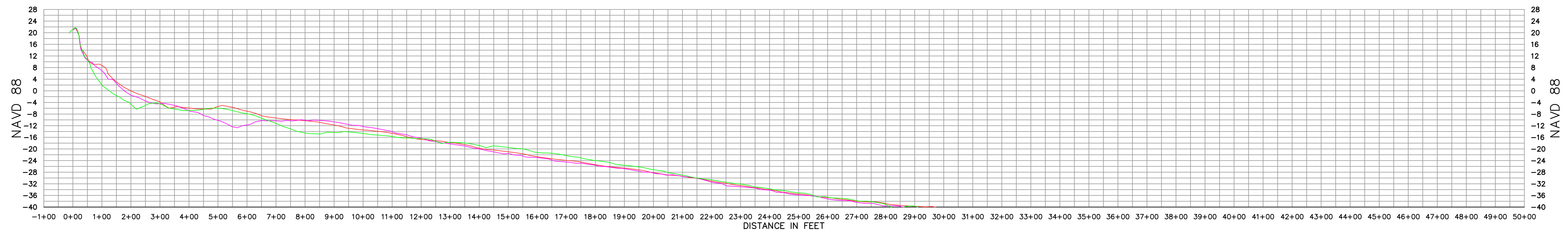
4909 US HIGHWAY #1 VERO BEACH, FL 32967 PHONE: (772) 388-5364 FAX: (772) 388-3165	1001 NORTH AMERICA WAY SUITE 211 MIAMI, FL 33132 PHONE: (305) 364-5158 LB #4298
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2022 VOLUSIA BEACH MONITORING
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VOLUSIA COUNTY, FLORIDA
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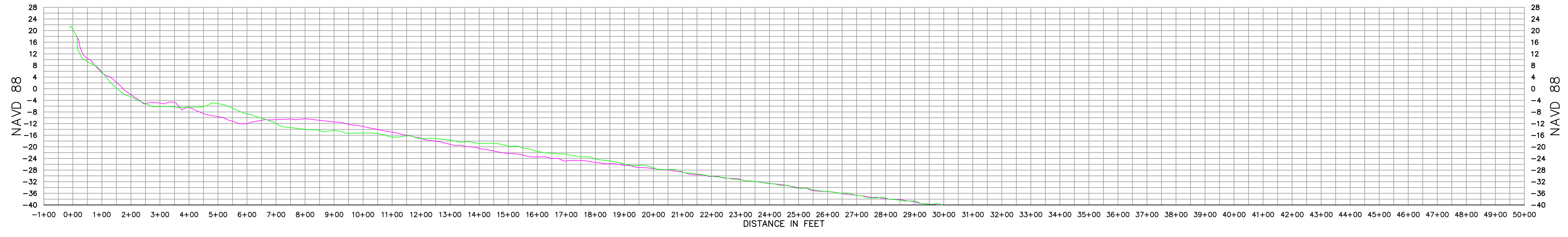
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COMMISSION NO. 35329-7
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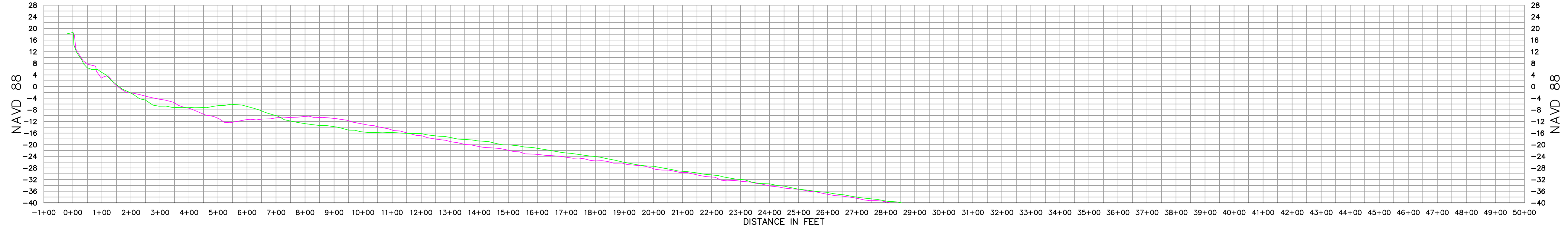
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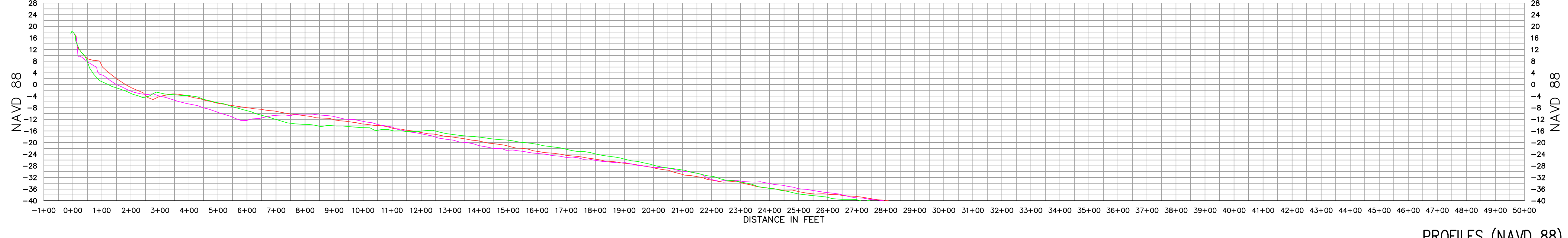
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R-026



R-027



LEGEND	
—	SEPTEMBER 2023
—	SEPTEMBER 2022
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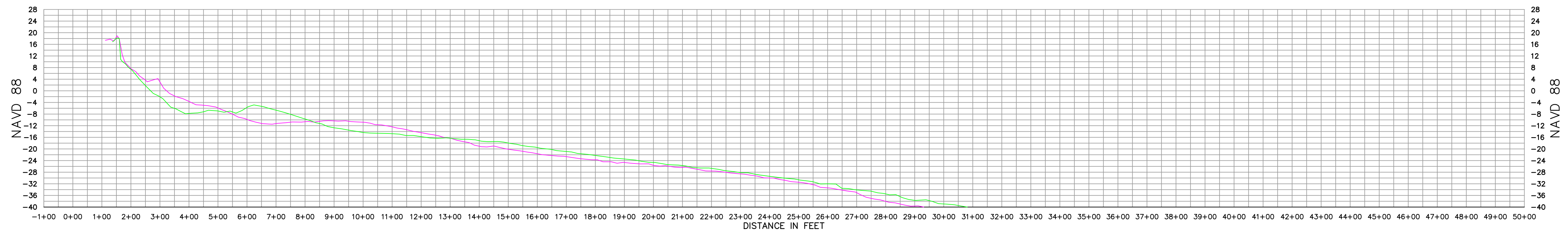


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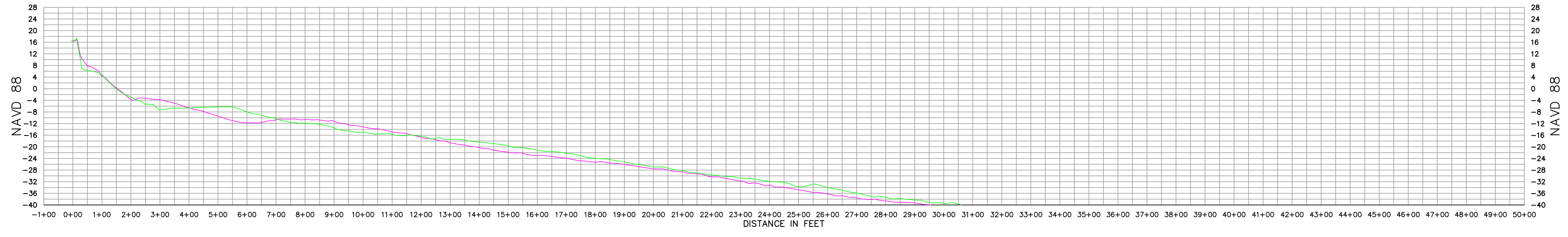
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2022 VOLUSIA BEACH MONITORING
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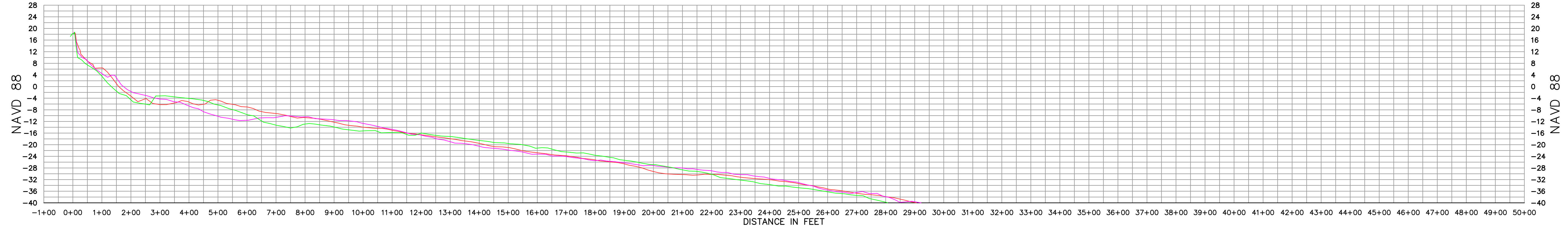
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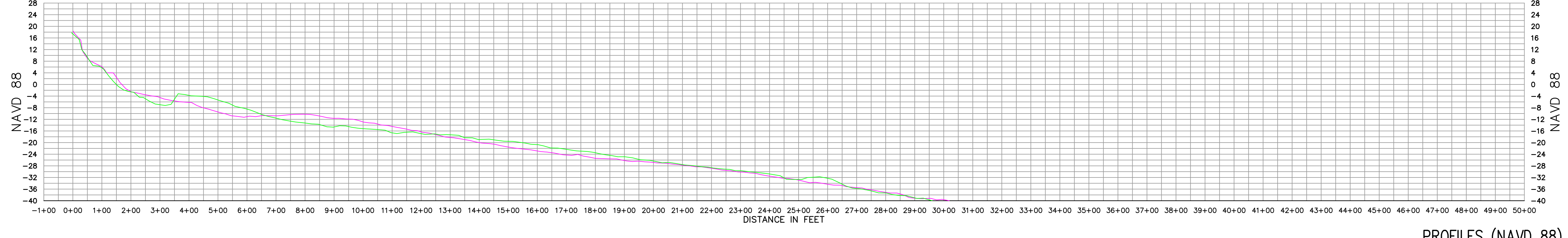
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R-030



R-031



LEGEND
— SEPTEMBER 2023
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— JULY 2019

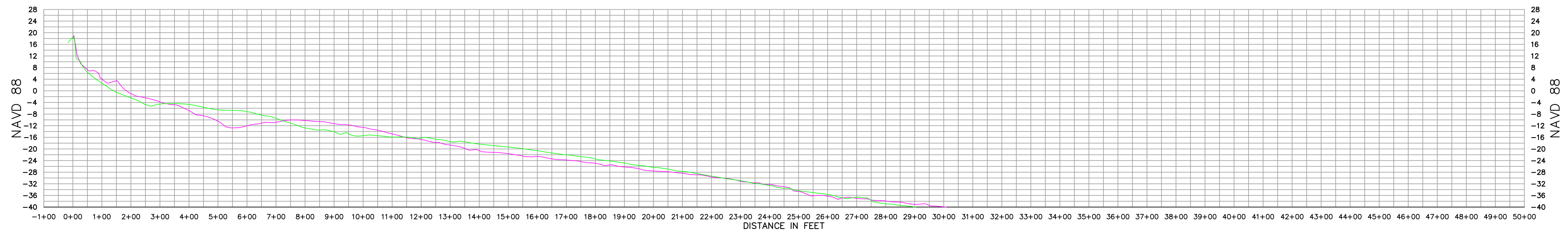


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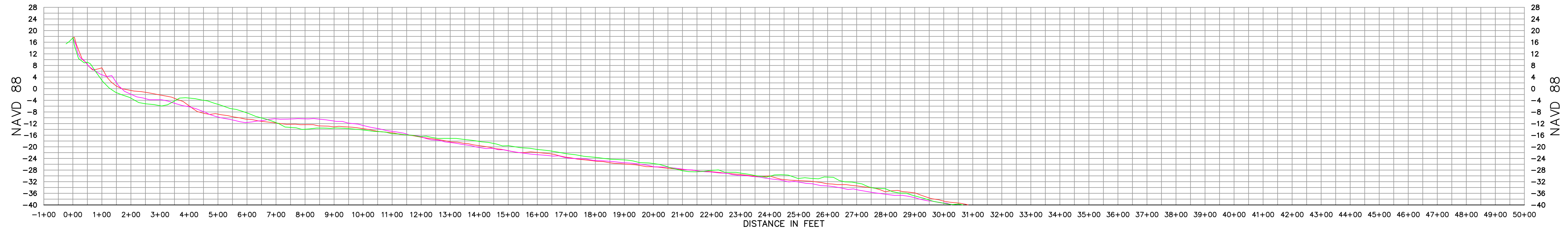
PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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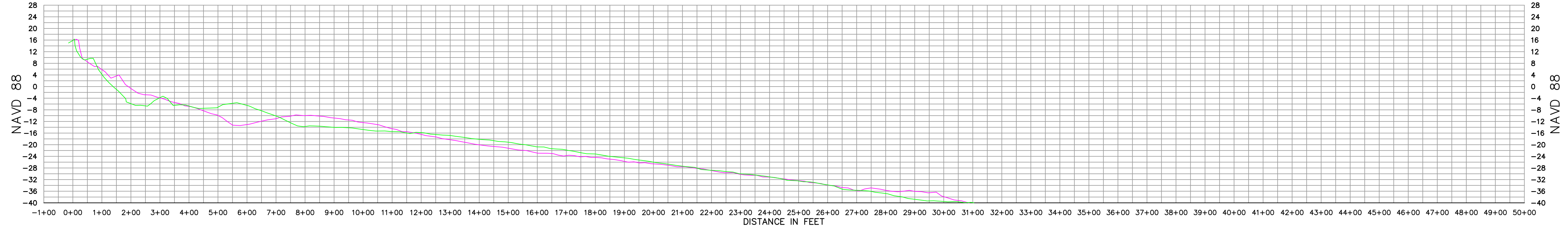
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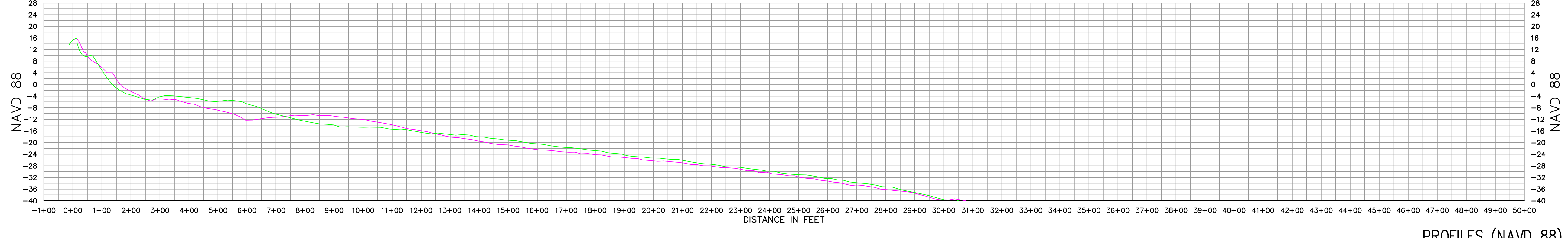
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R-034



R-035



LEGEND

—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019

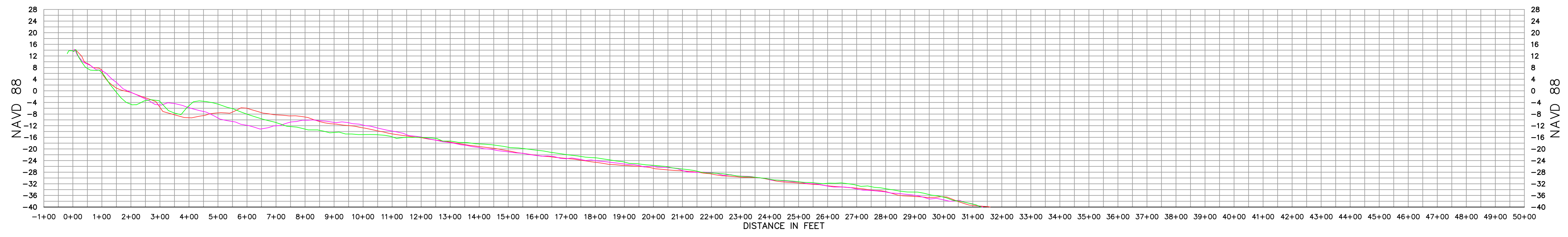


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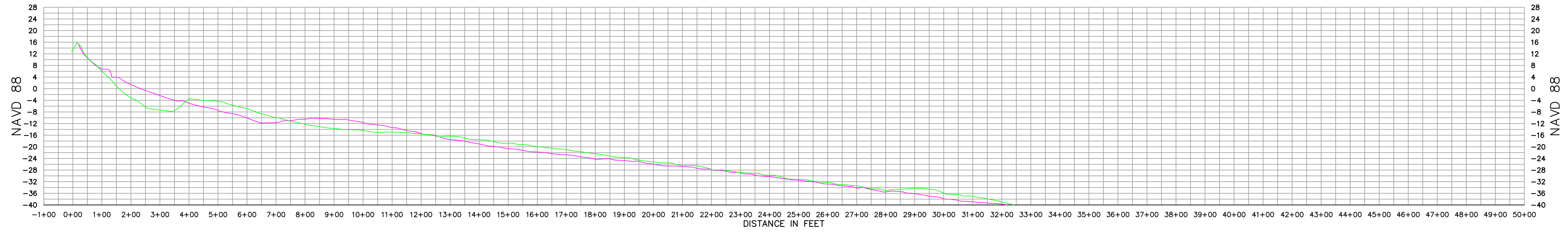
PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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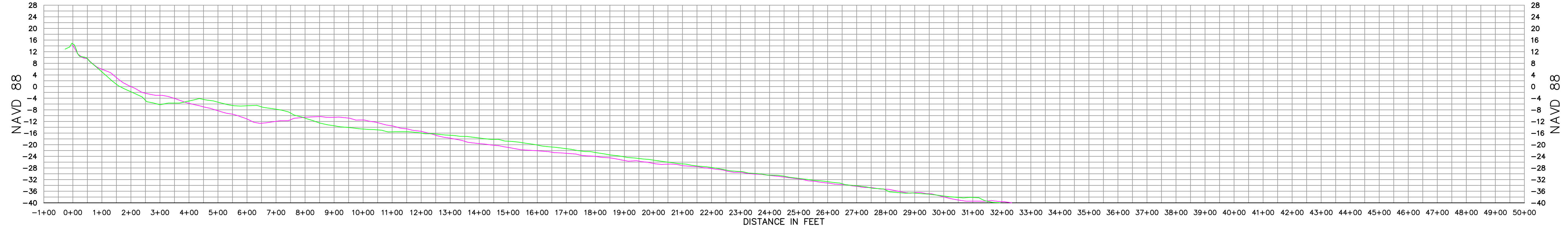
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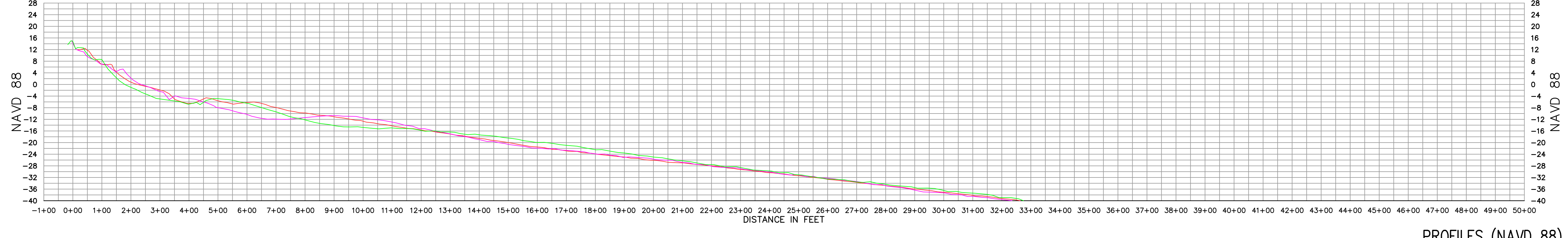
R-037



R-038



R-039



LEGEND	
—	SEPTEMBER 2023
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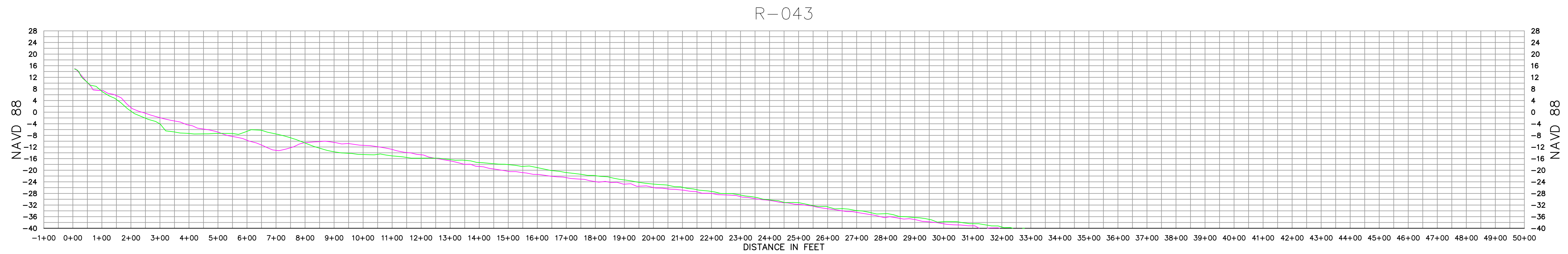
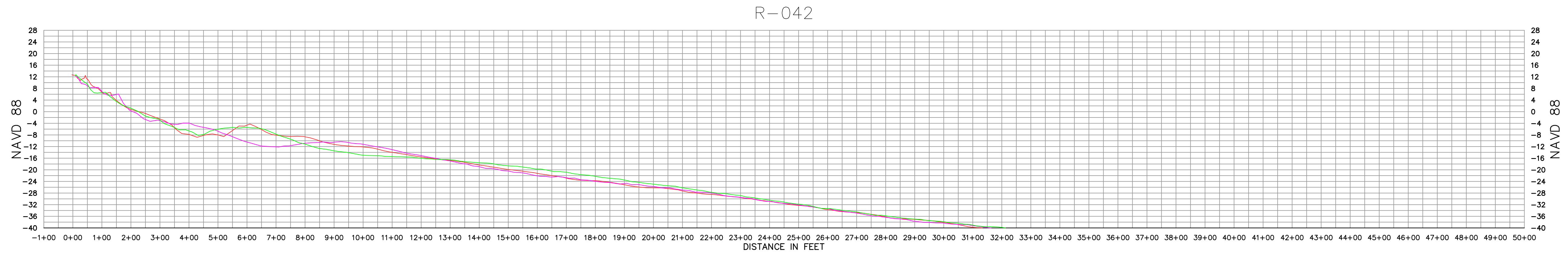
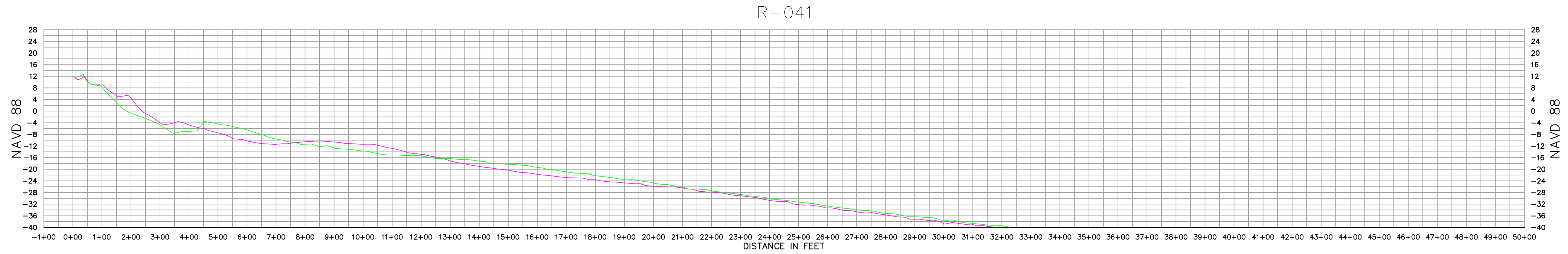
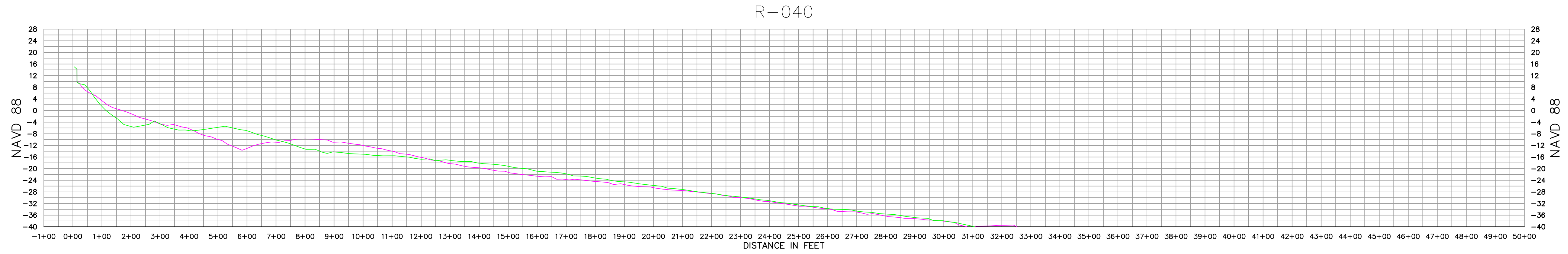
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VOLUSIA COUNTY, FLORIDA
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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND
— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019



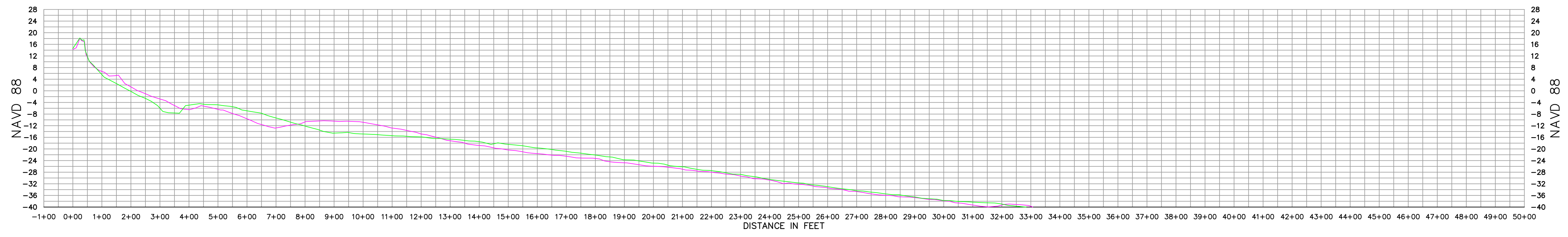
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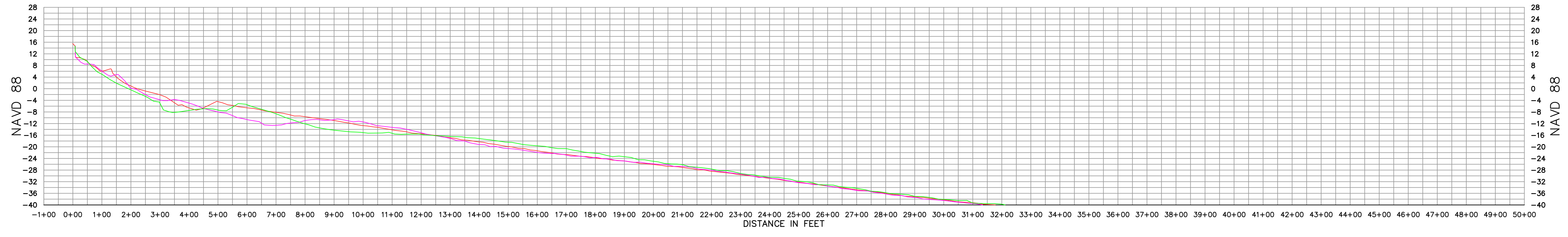
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10/21/23

COMMISSION NO.
35329-7
SCALE
AS SHOWN
DATE
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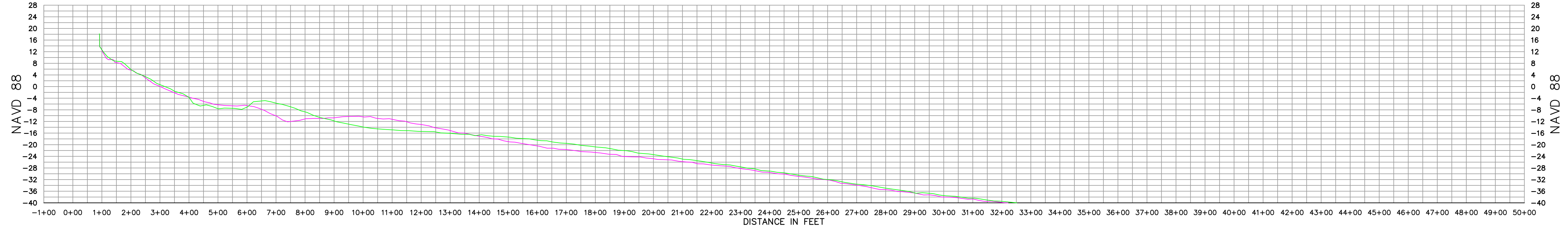
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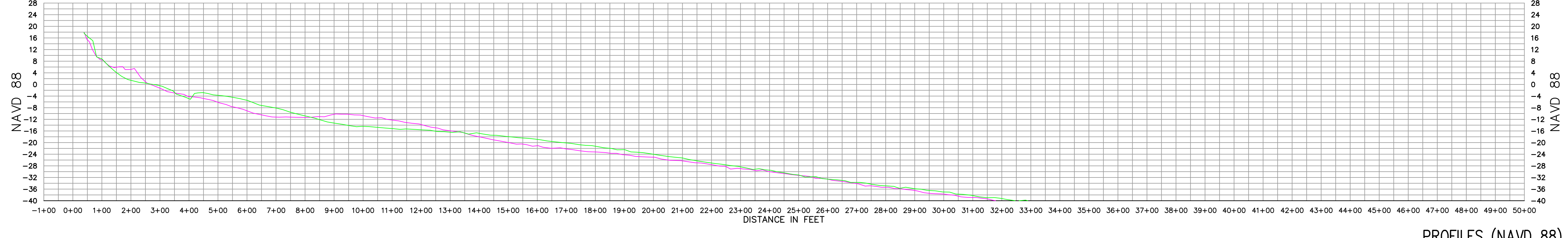
R-045



R-046



R-047



LEGEND
— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019

HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

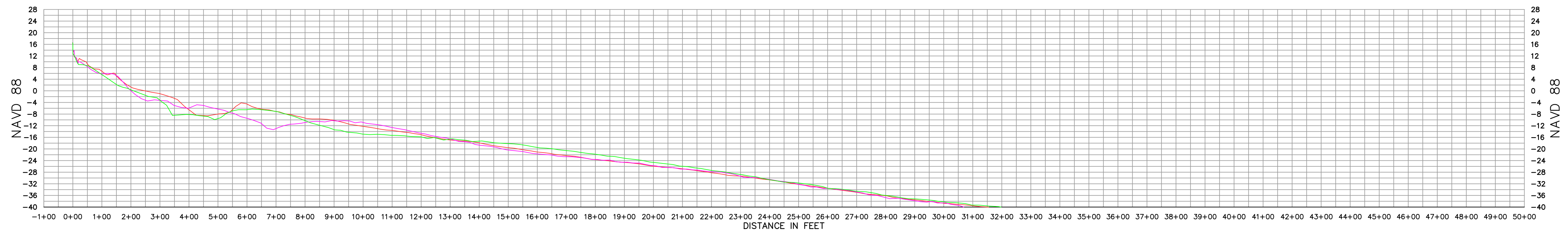


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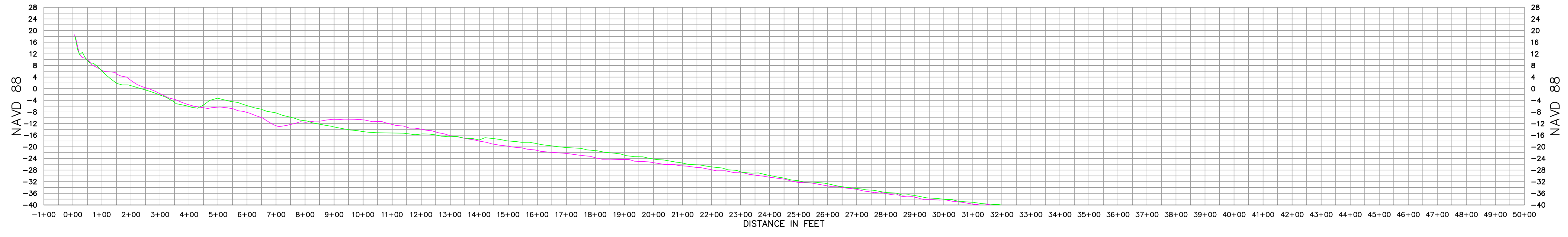
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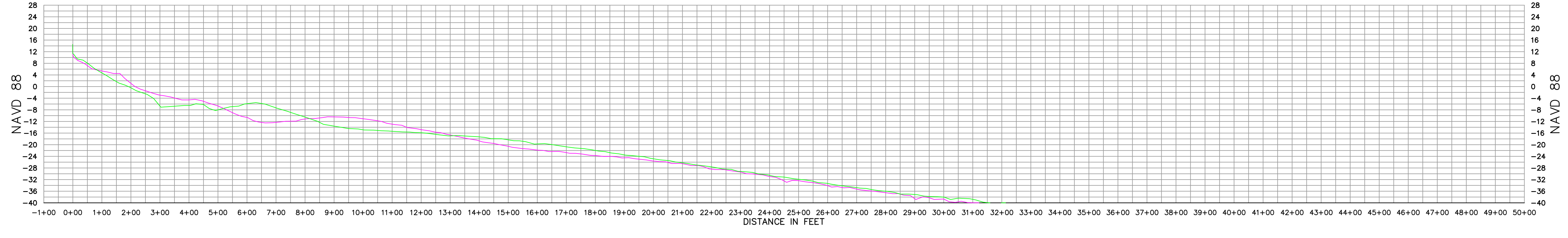
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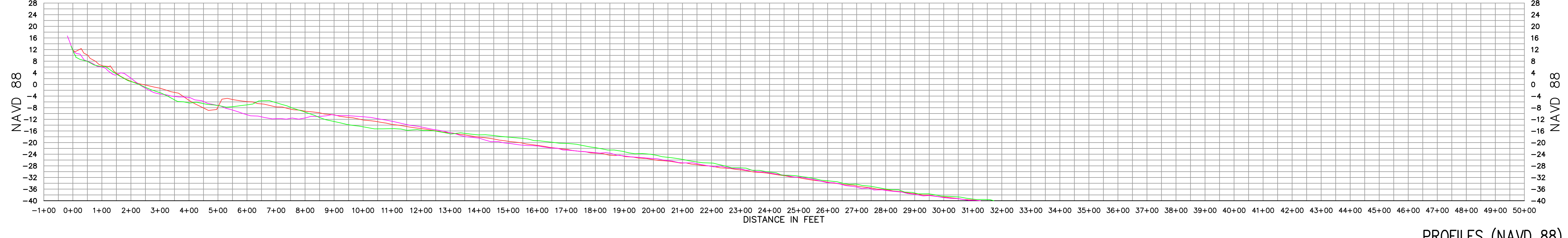
R-049



R-050



R-051



LEGEND	
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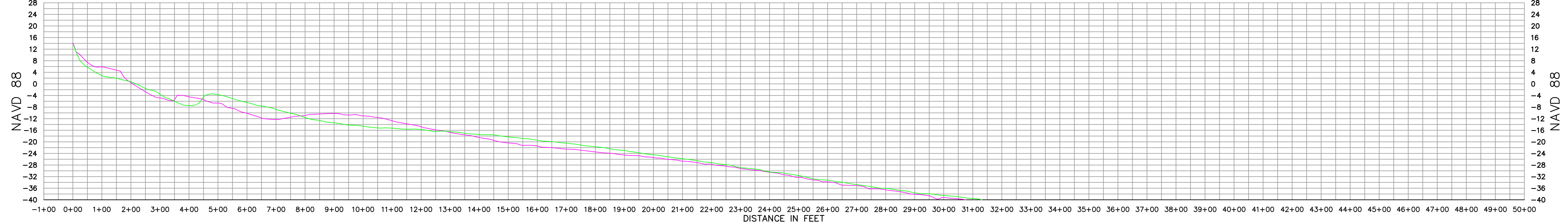
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

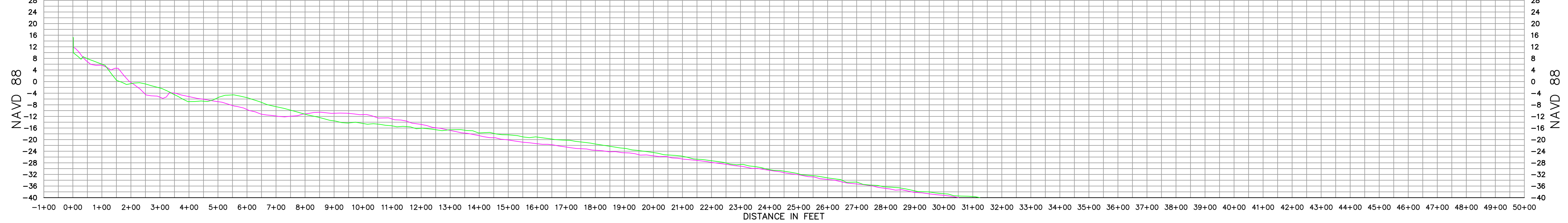
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					DATE 11/2/23

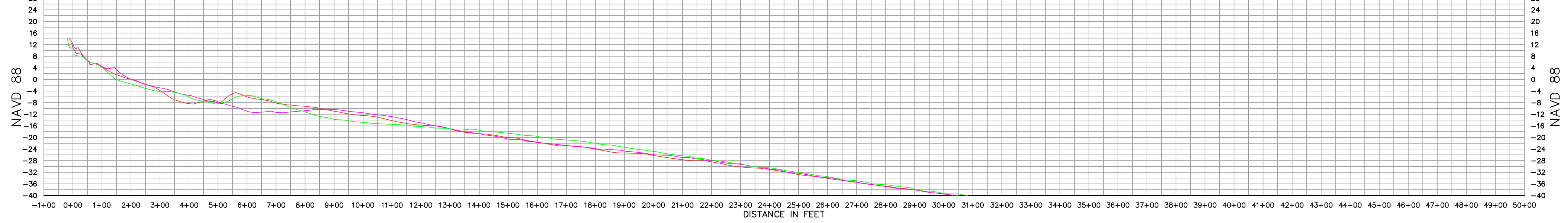
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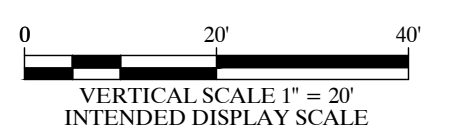
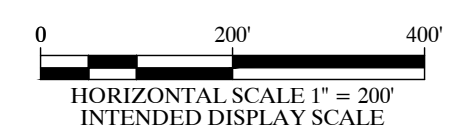
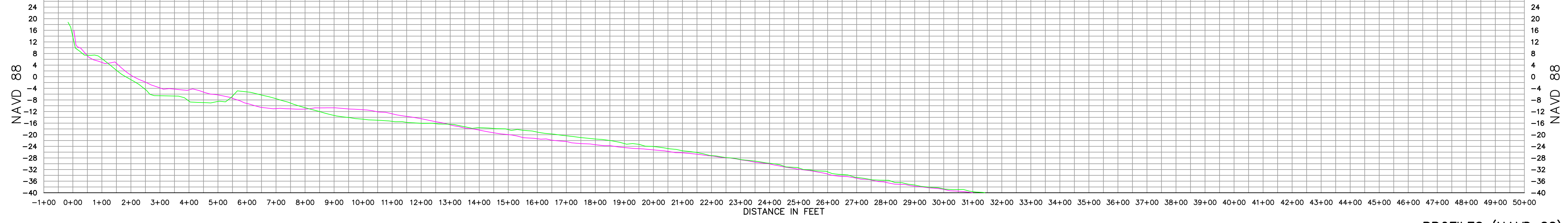
R-053



R-054



R-055



LEGEND	
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LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

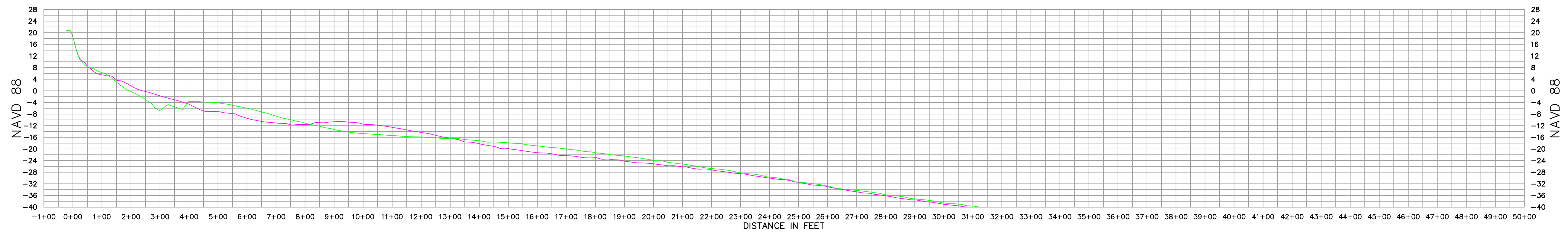
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

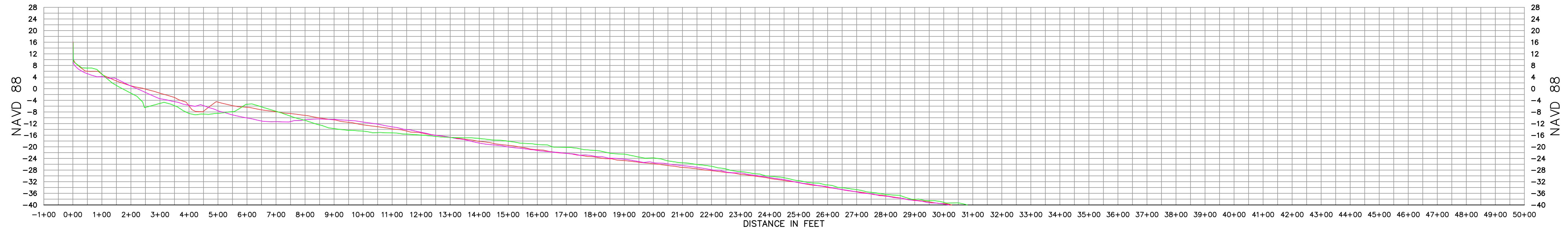
FOR TAYLOR ENGINEERING, INC.

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SCALE AS SHOWN					DATE 11/2/23
SHEET 47 OF 86					

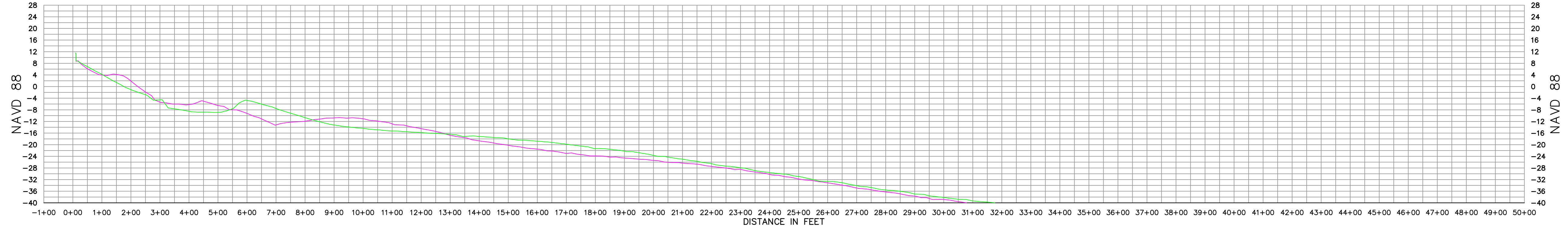
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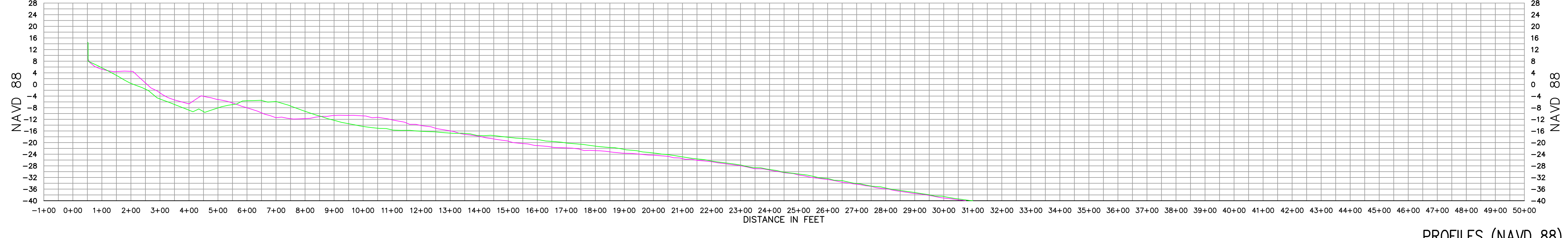
R-057



R-058



R-059



LEGEND

	SEPTEMBER 2023
	SEPTEMBER 2022
	JULY 2019

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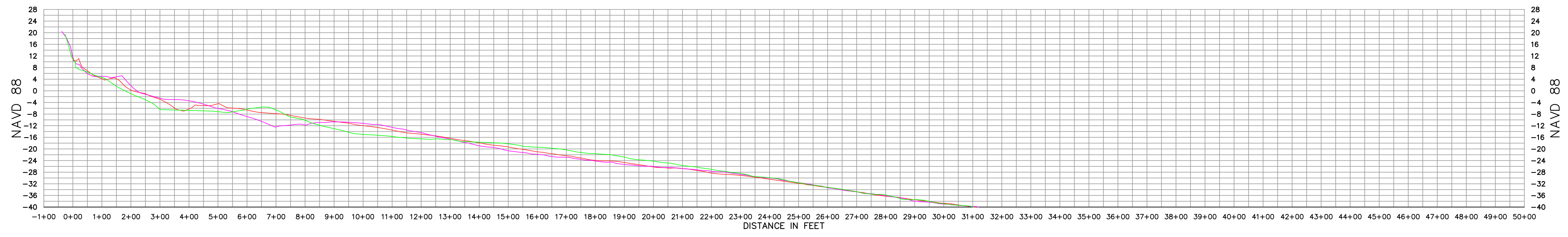
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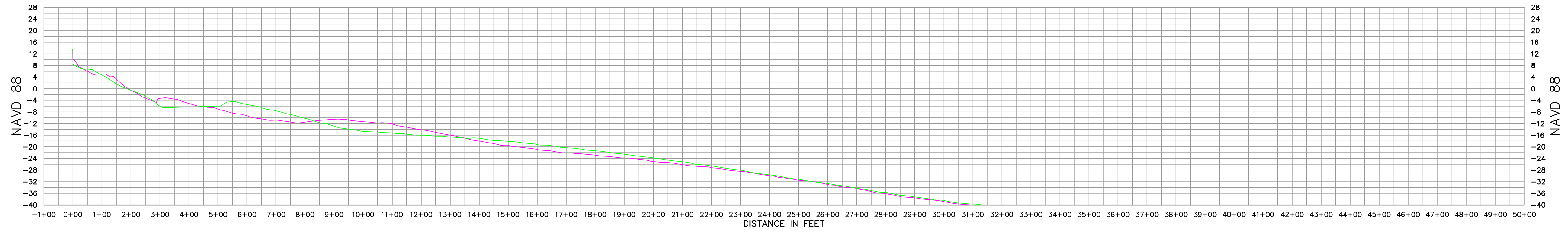
PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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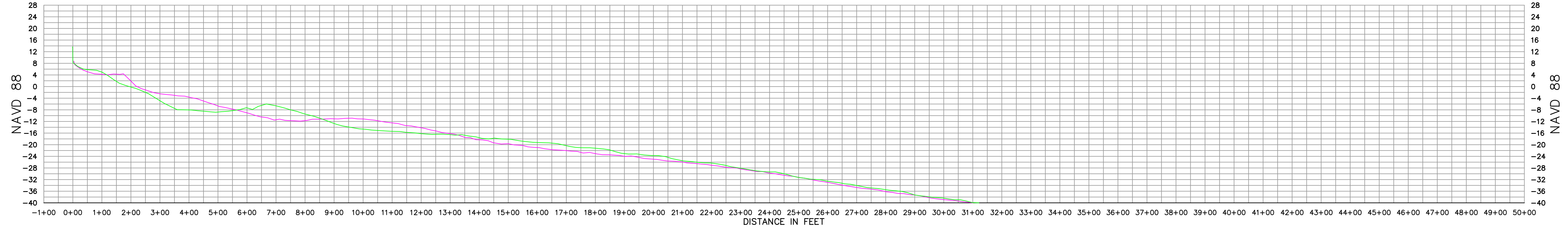
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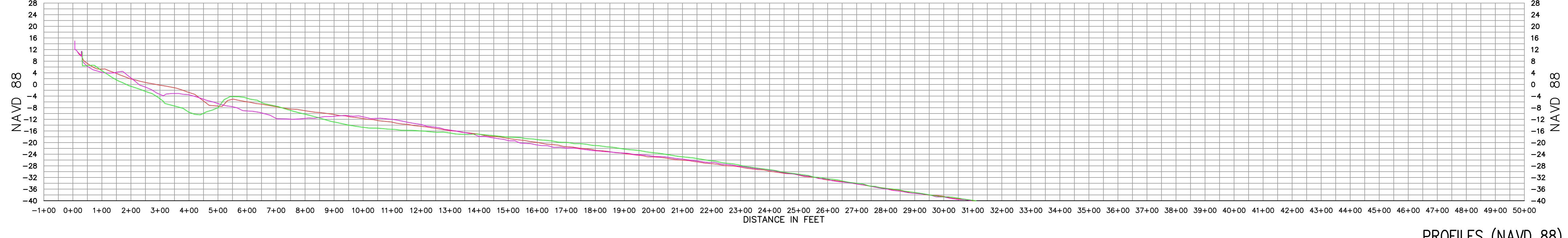
R-061



R-062



R-063



LEGEND	
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—	JULY 2019



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

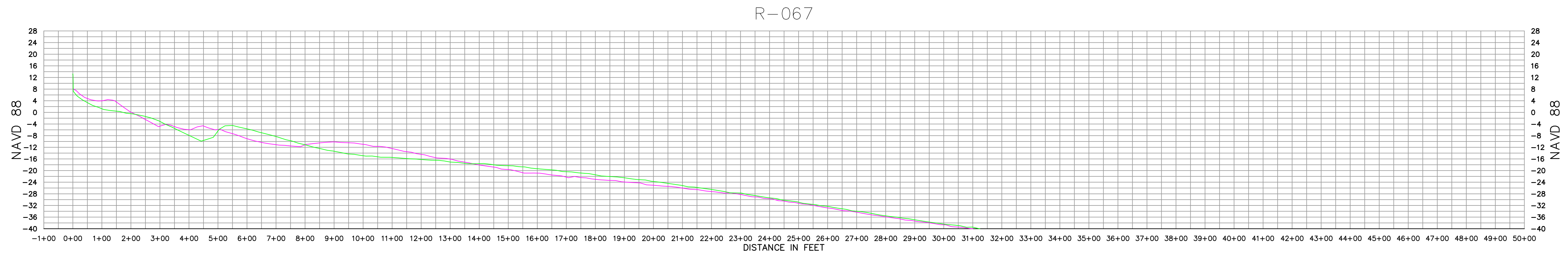
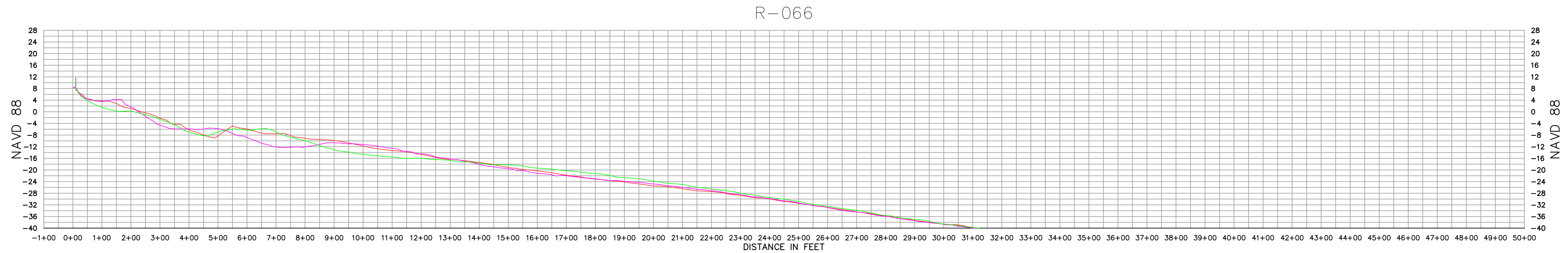
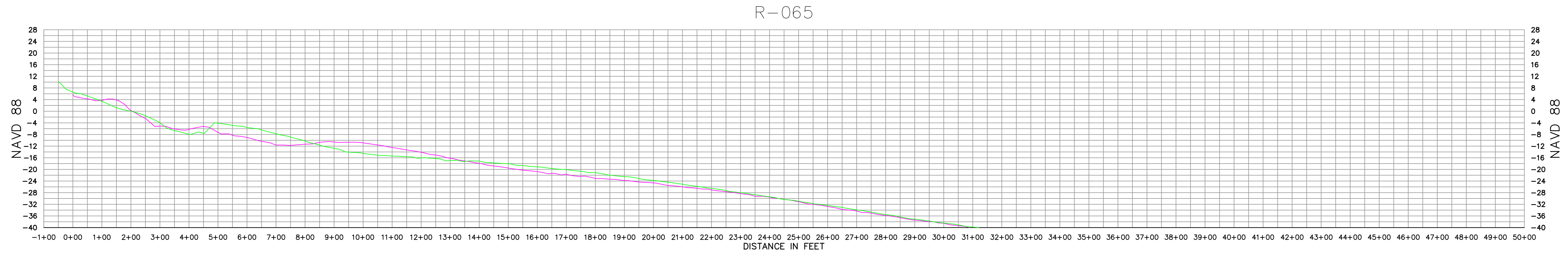
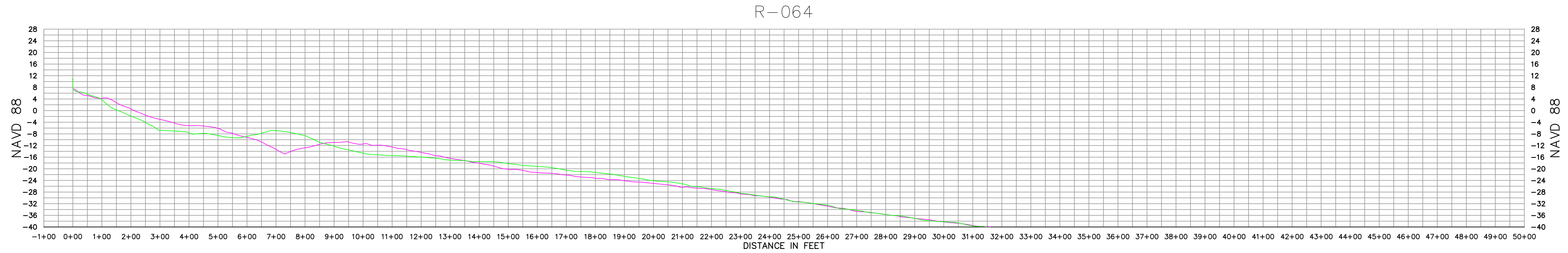
2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND
— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019



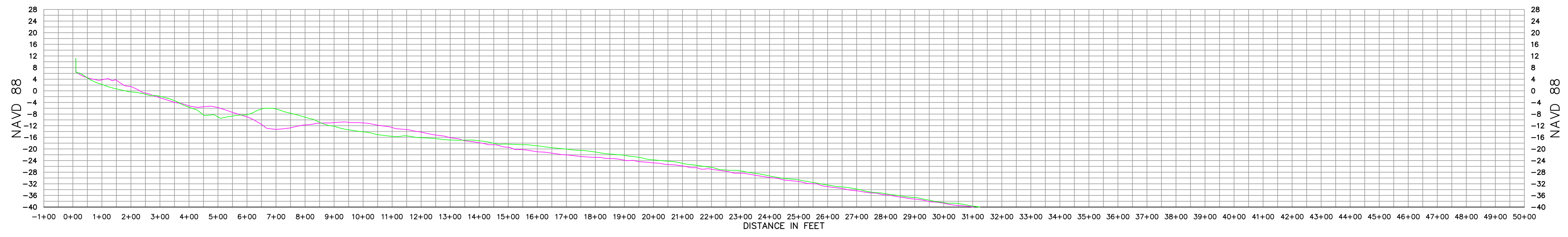
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PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

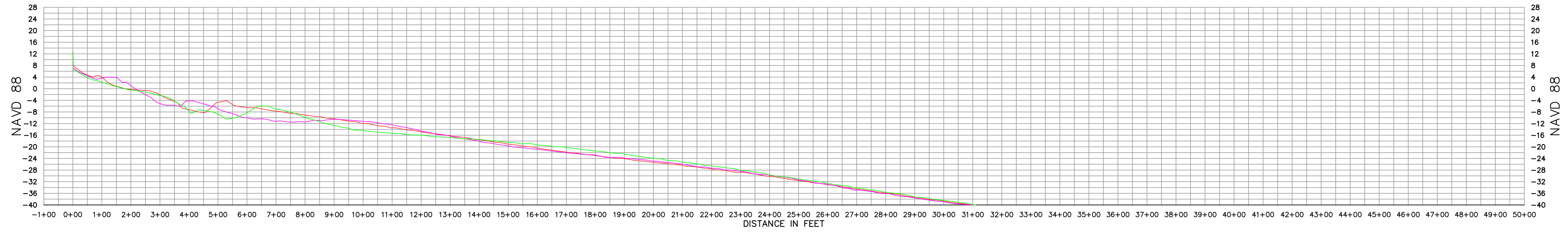
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DATE
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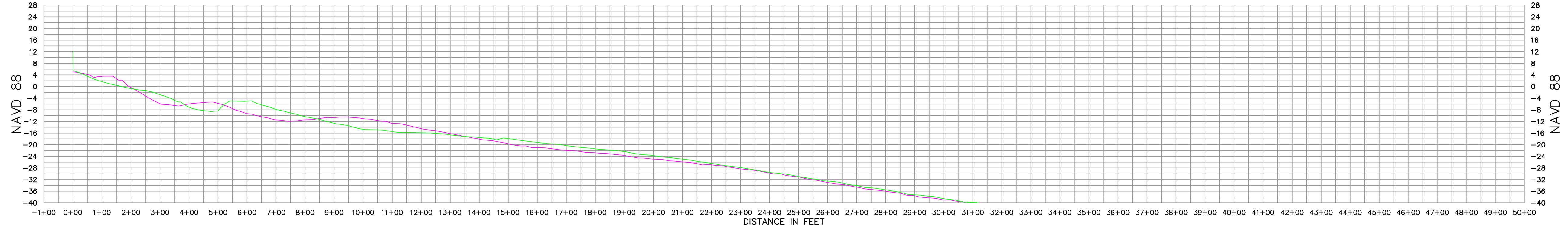
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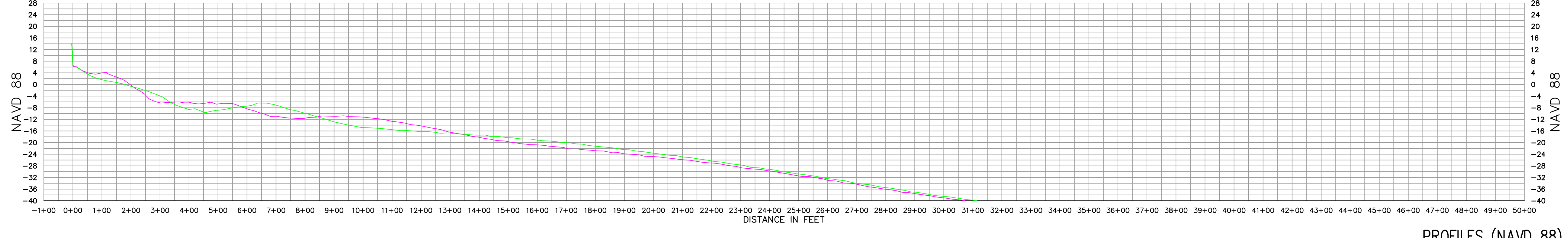
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R-070



R-071



LEGEND
— SEPTEMBER 2023
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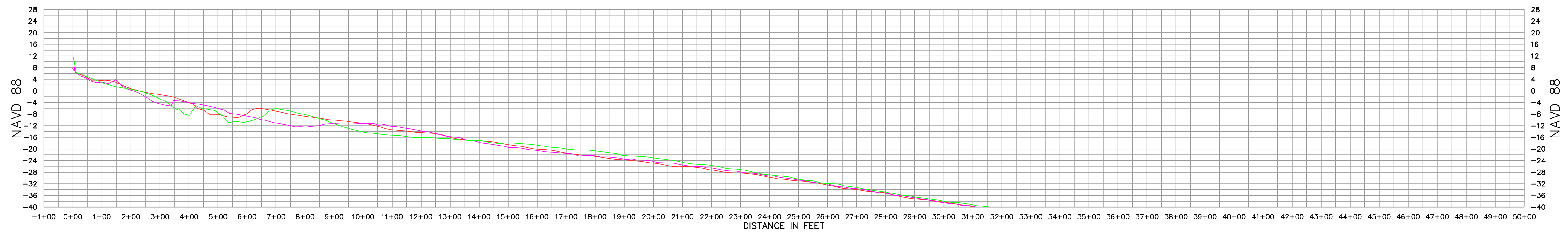


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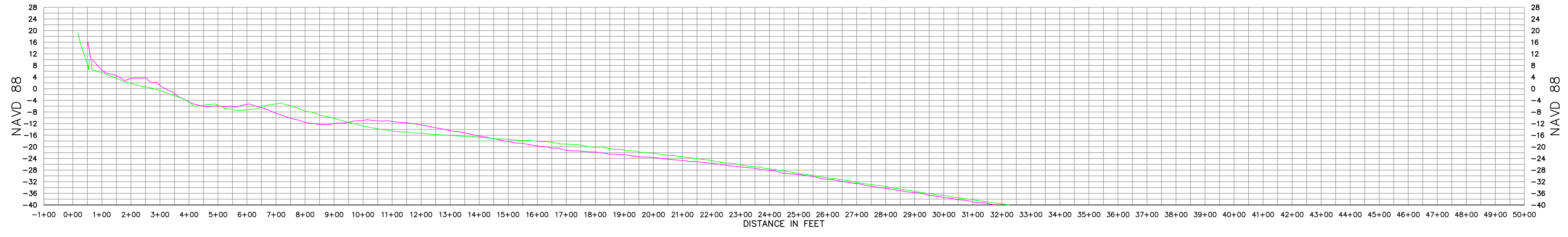
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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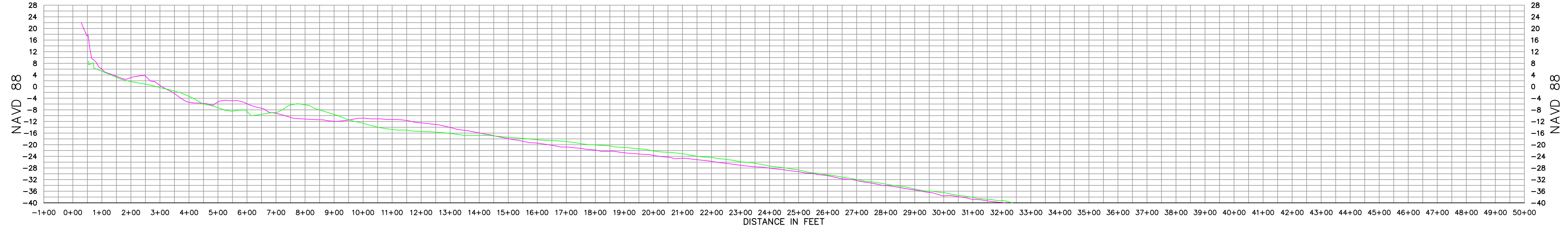
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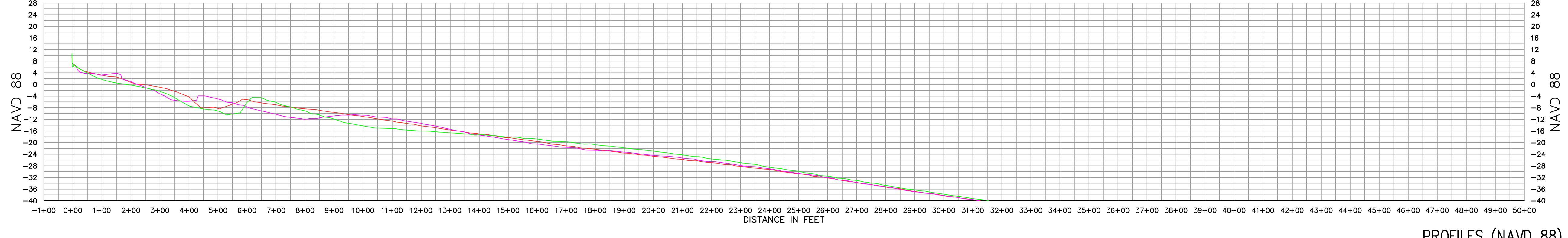
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R-074



R-075



LEGEND

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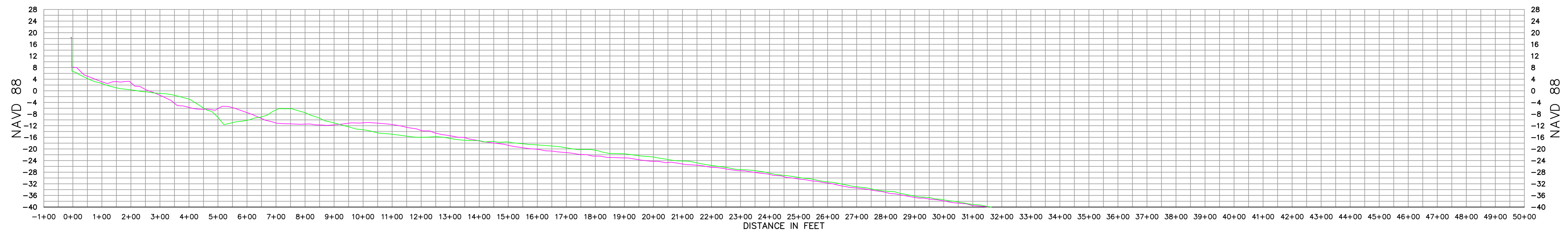


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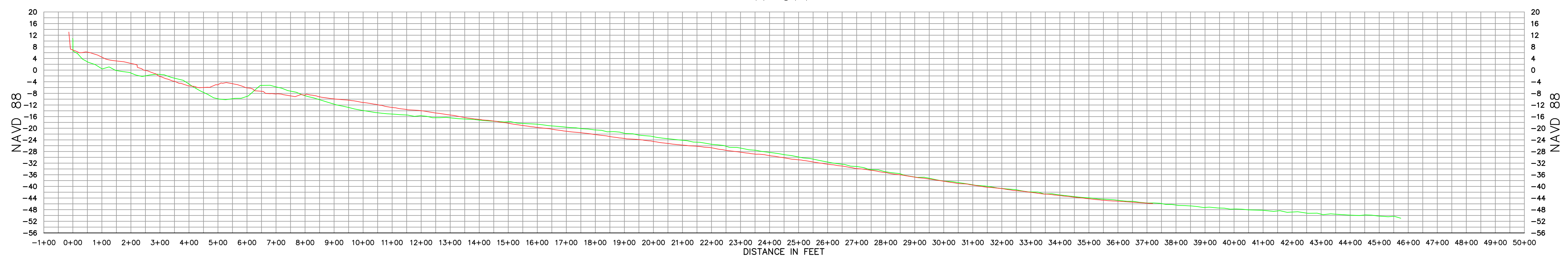
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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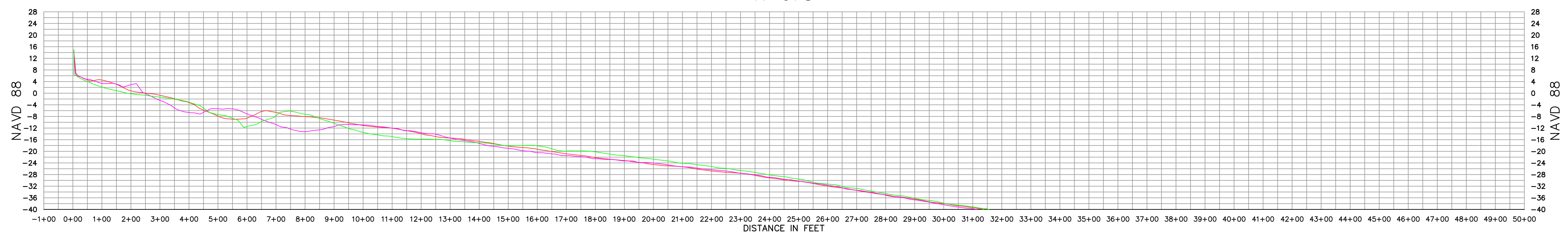
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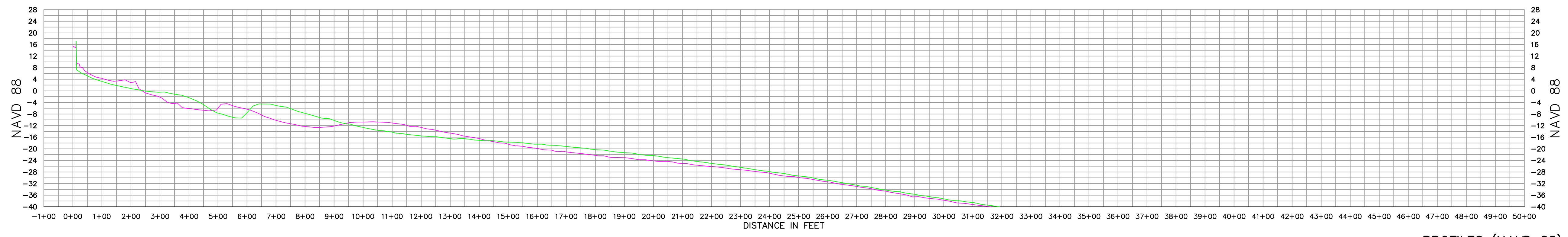
R-077



R-078



R-079



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PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

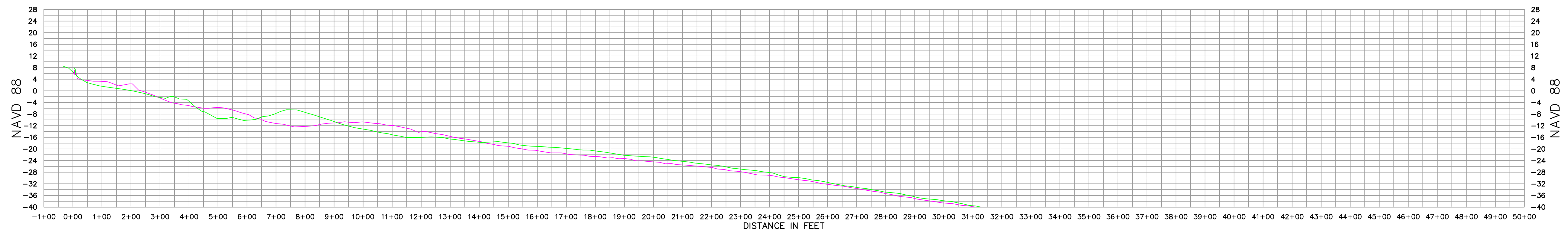
VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

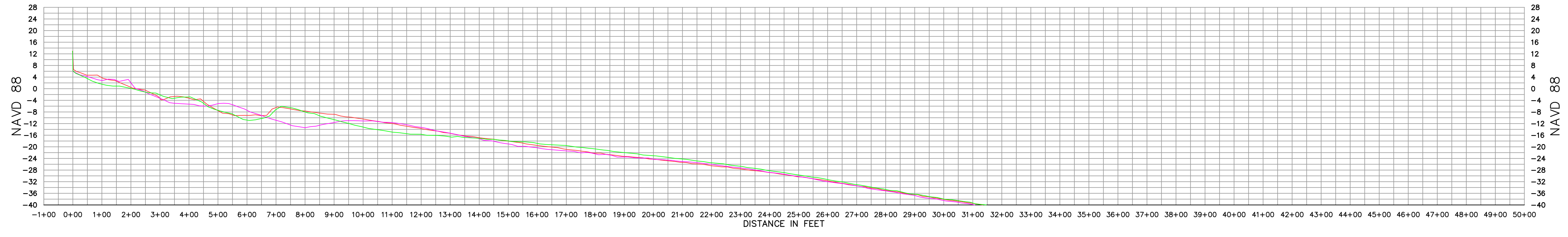
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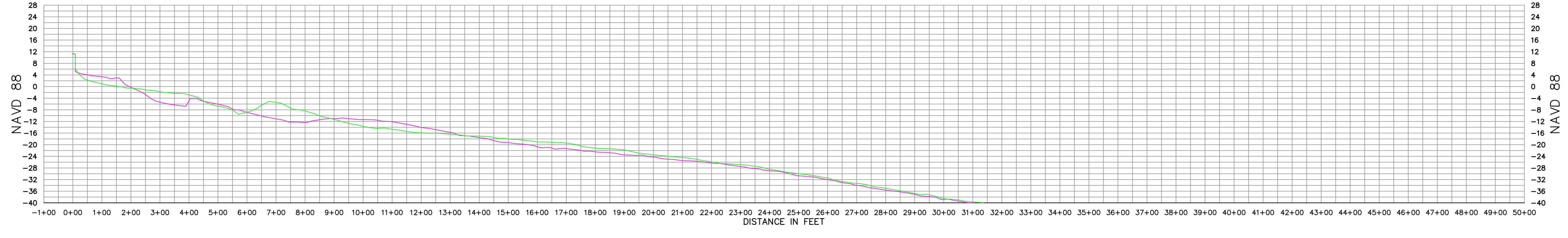
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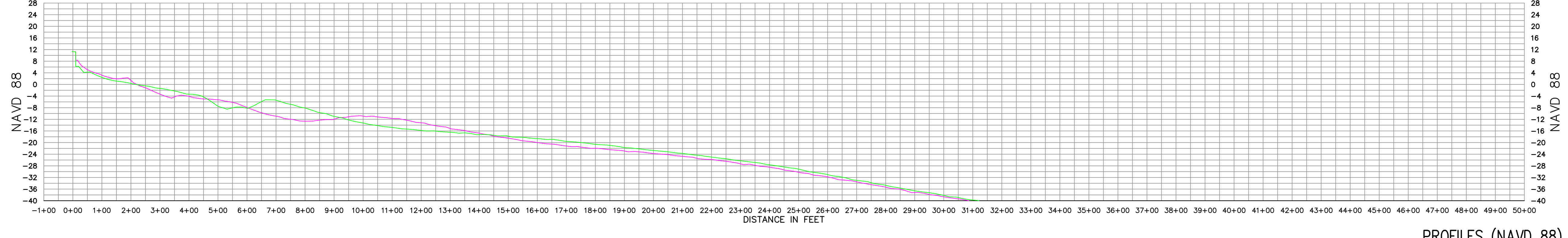
R-081



R-082



R-083



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LB #4298

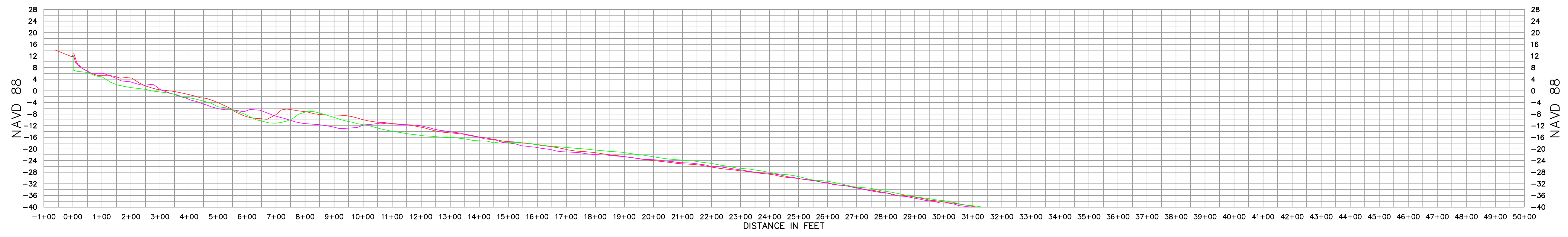
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

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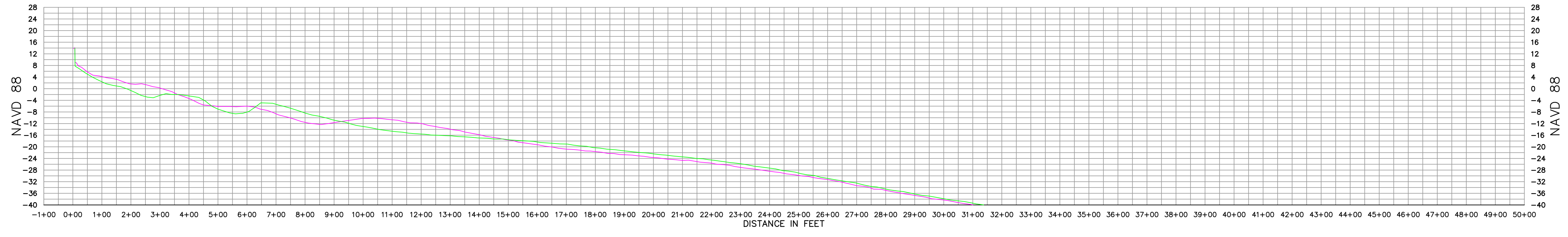
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DATE 11/2/23
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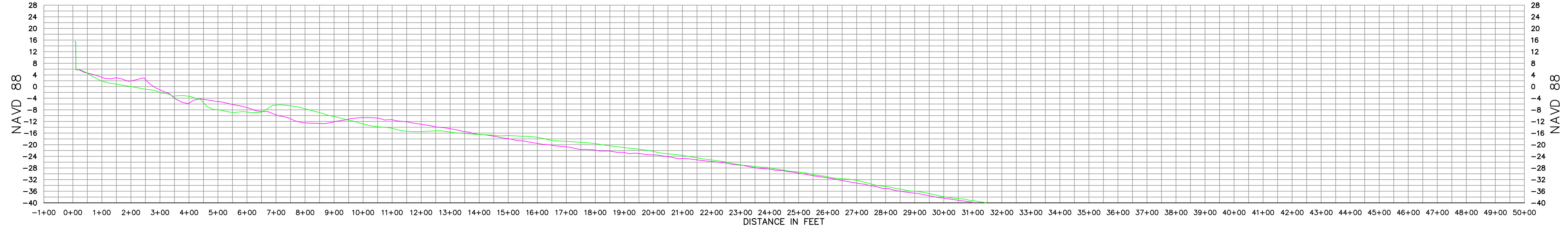
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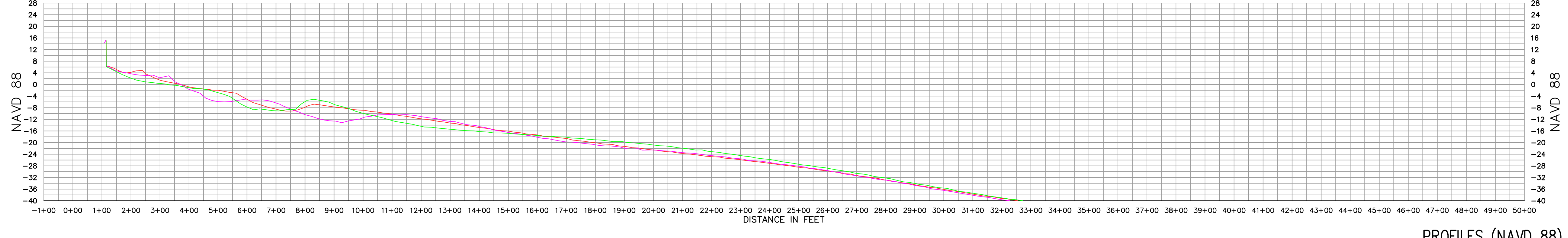
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R-086



R-087



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PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

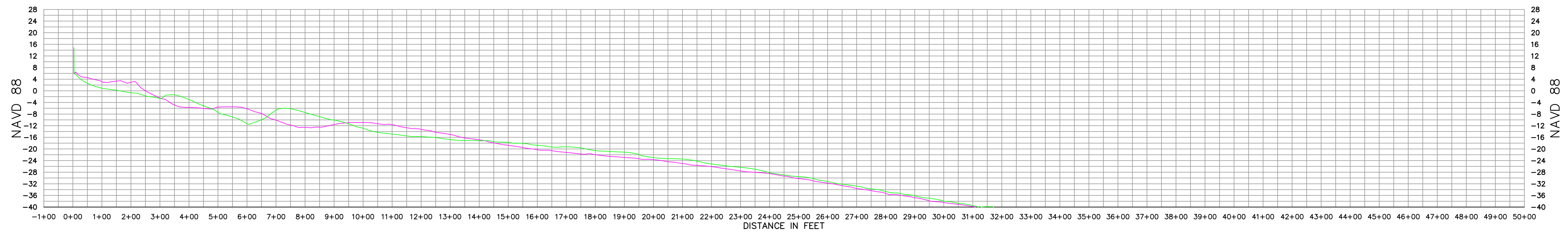
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

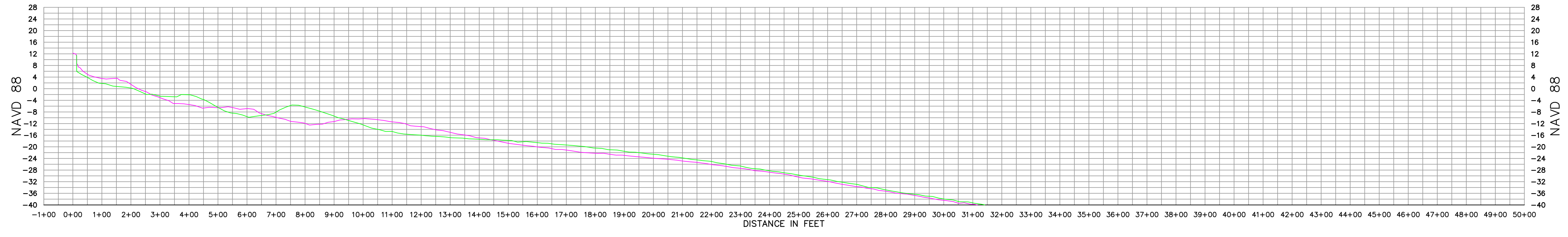
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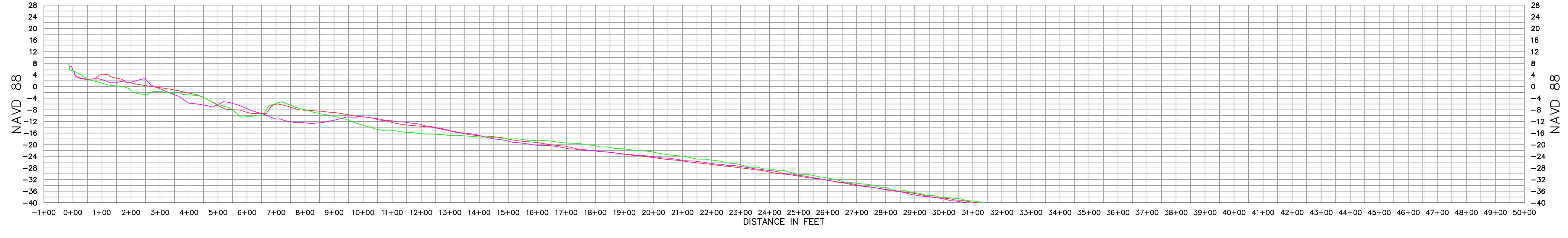
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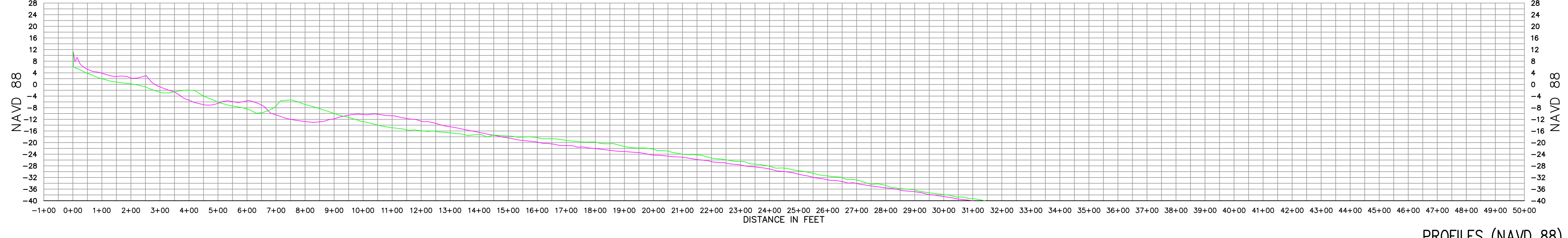
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R-090



R-091



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LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

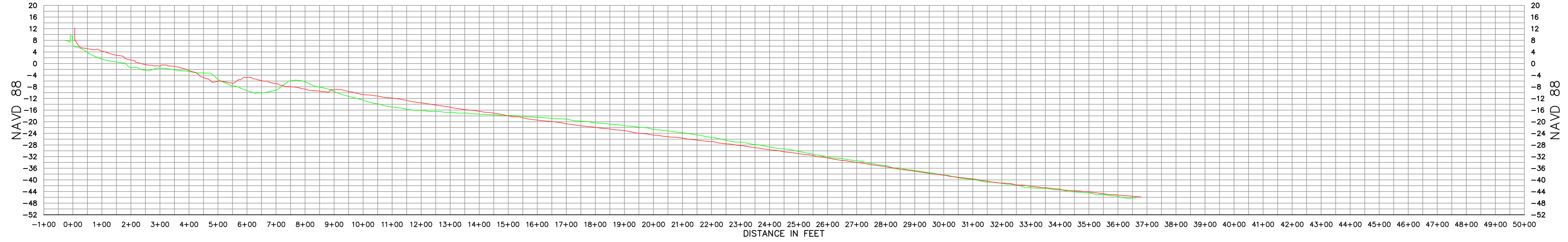
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

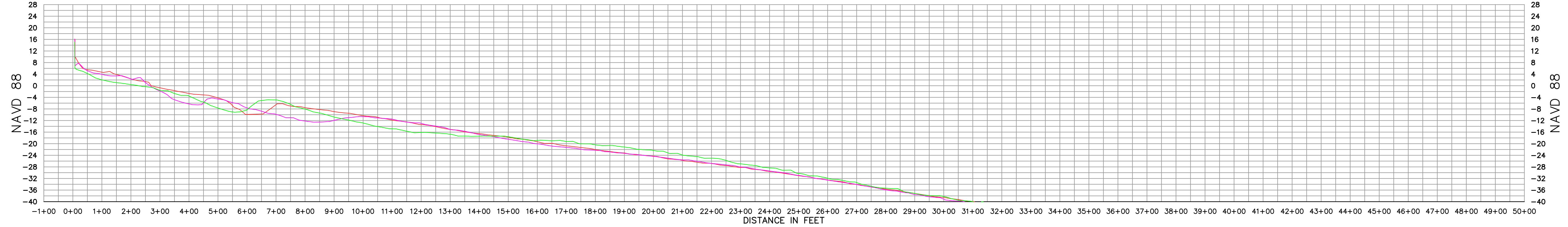
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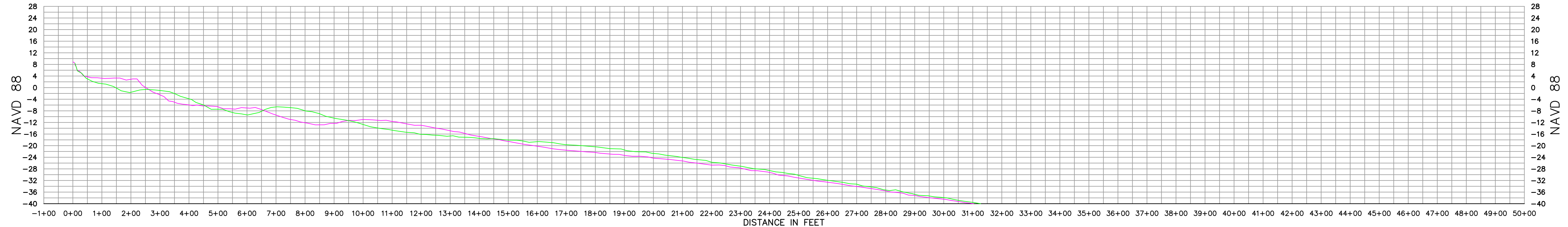
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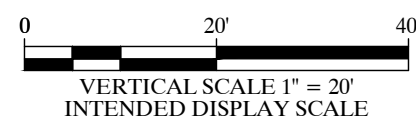
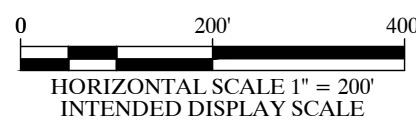
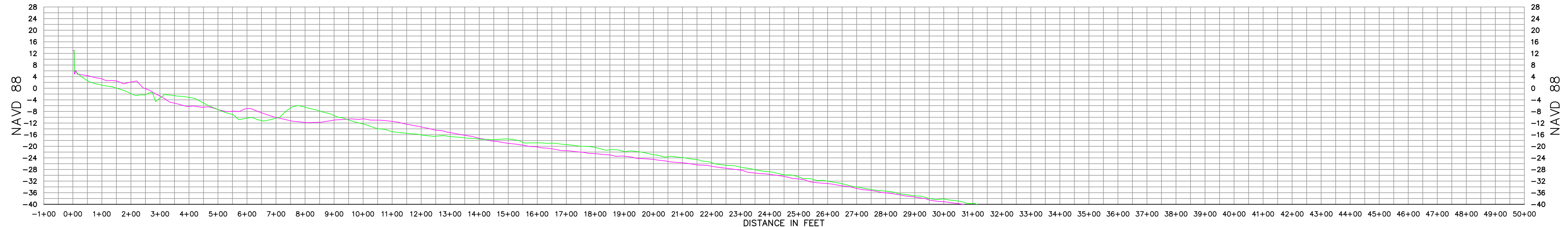
R-093



R-094



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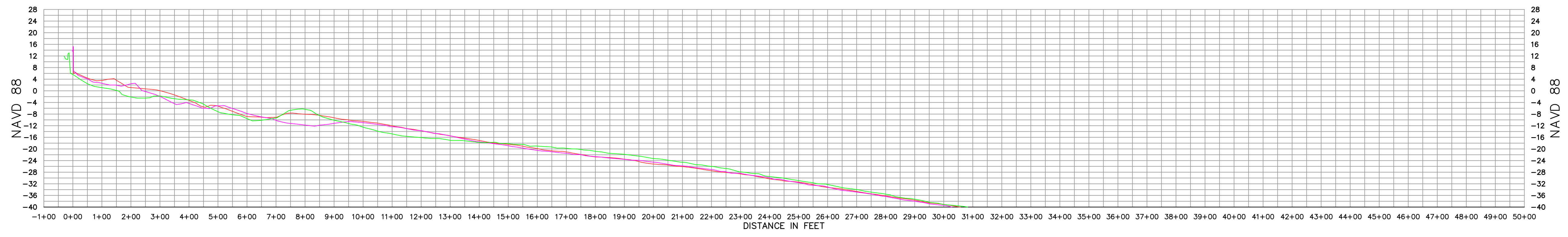
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

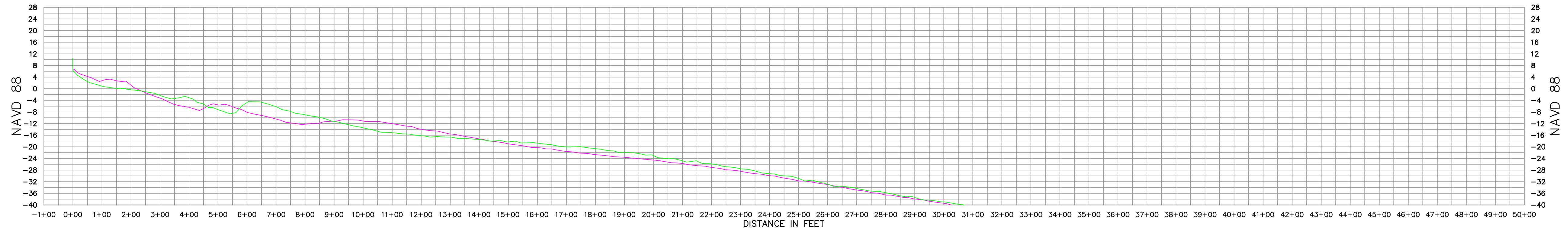
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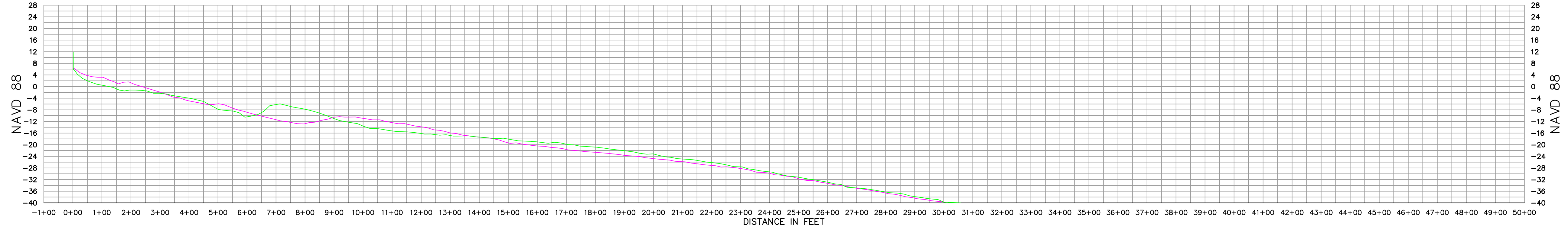
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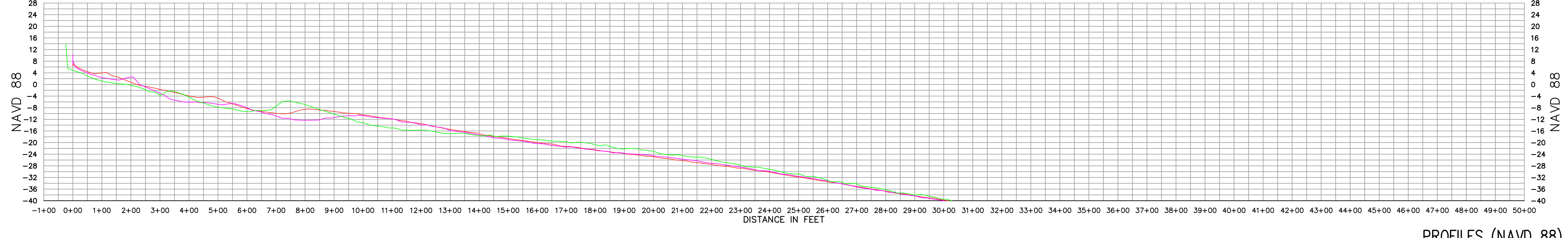
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R-098



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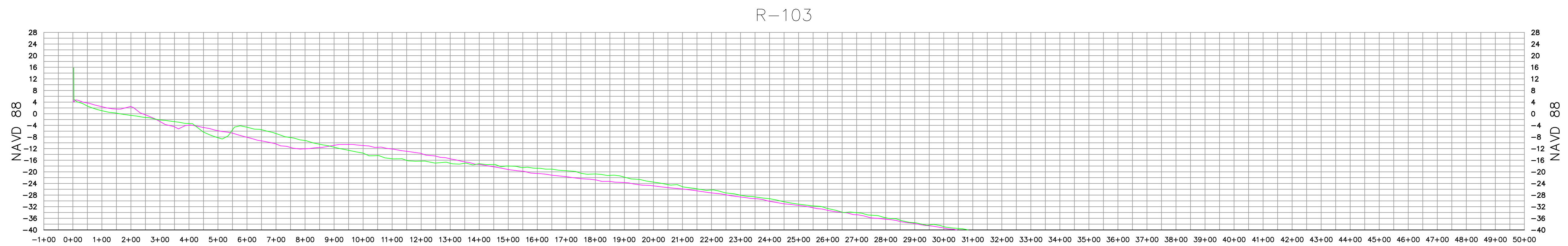
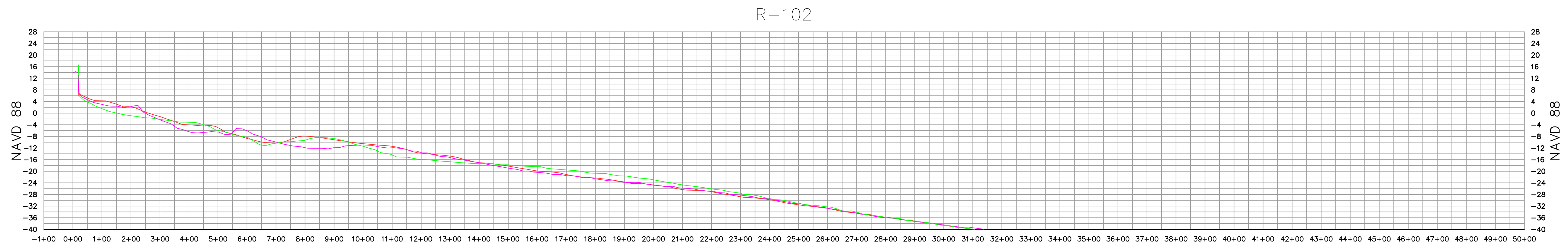
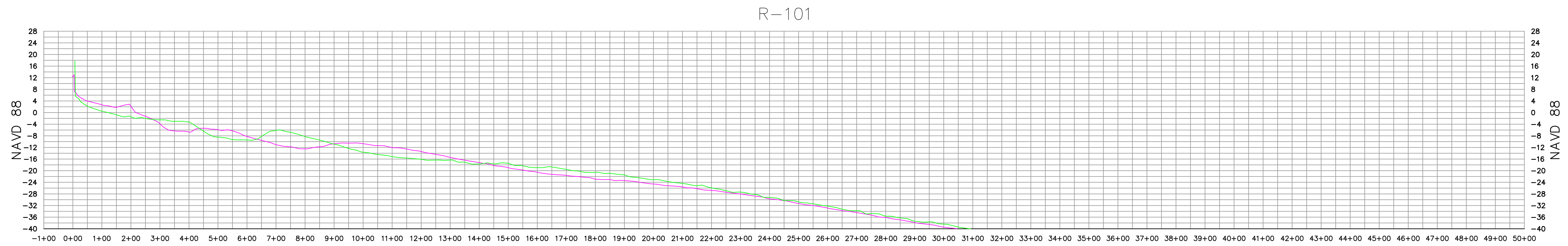
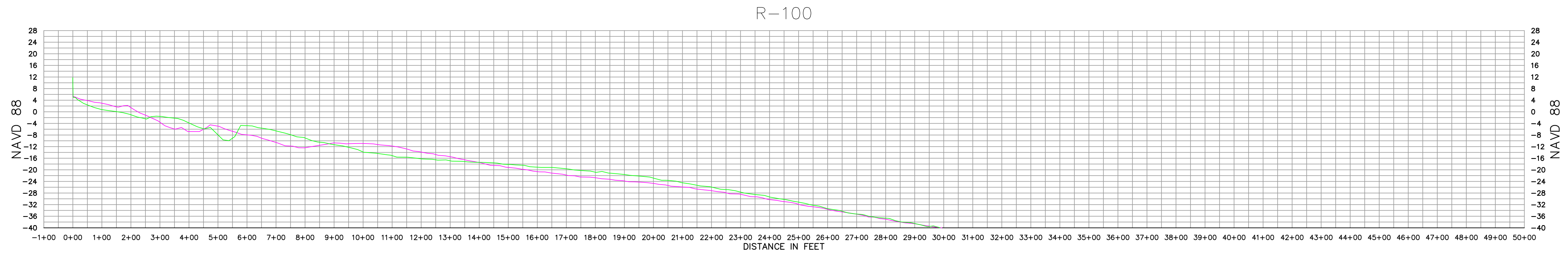
2022 VOLUSIA BEACH MONITORING

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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND
— SEPTEMBER 2023
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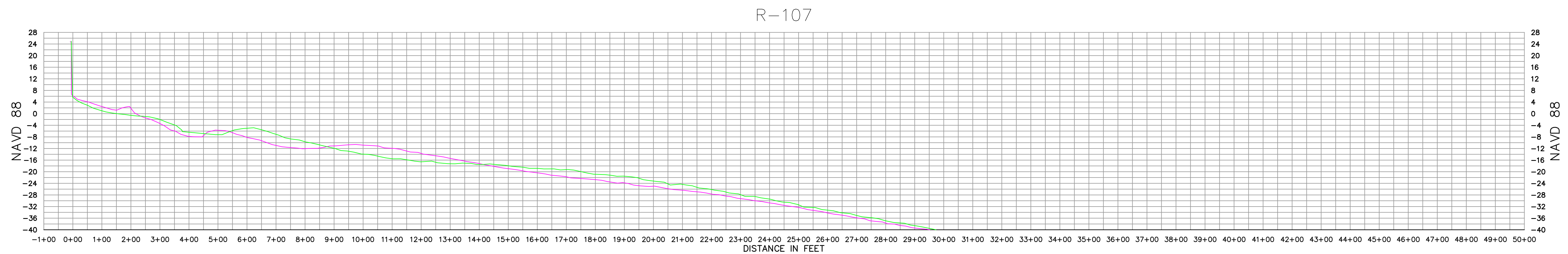
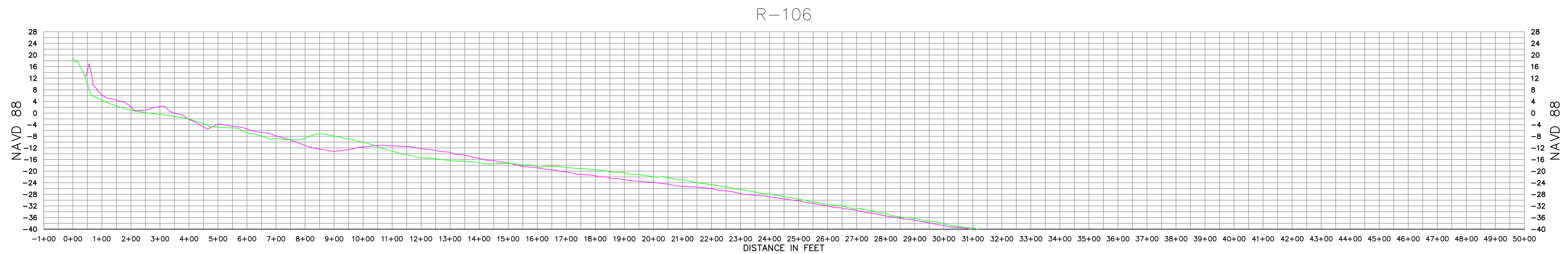
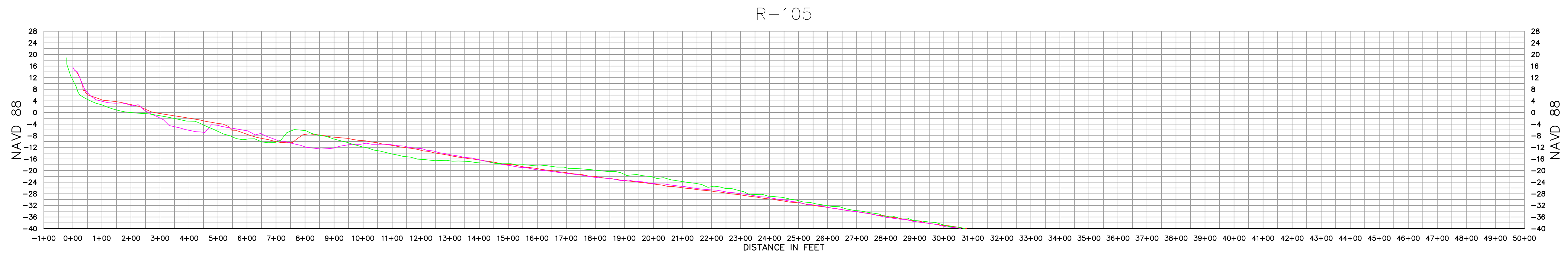
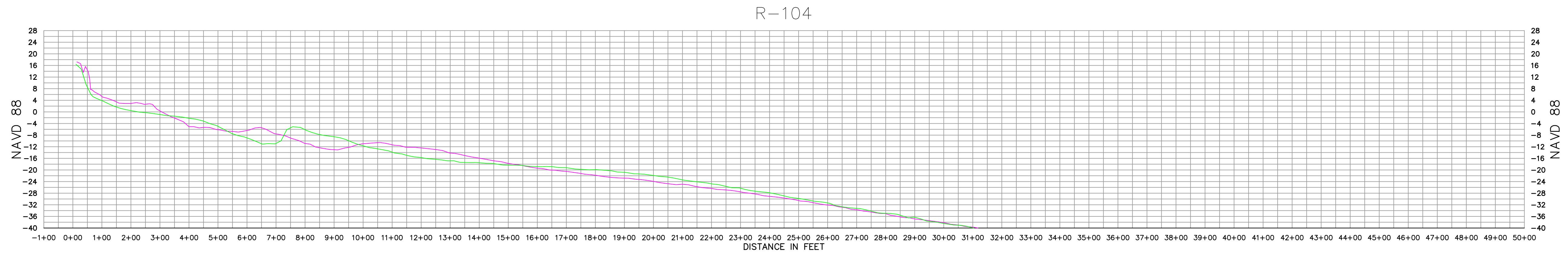


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MIAMI, FL 33132
PHONE: (305) 364-5158
LB #4298

PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP
CHECKED BY DWC
FIELD BOOK PAGE NO.
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DATE OF SURVEY 10/21/23

COMMISSION NO.
35329-7
SCALE
AS SHOWN
DATE
11/2/23
SHEET 59 OF 86



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND
— SEPTEMBER 2022
— SEPTEMBER 2022
— JULY 2019



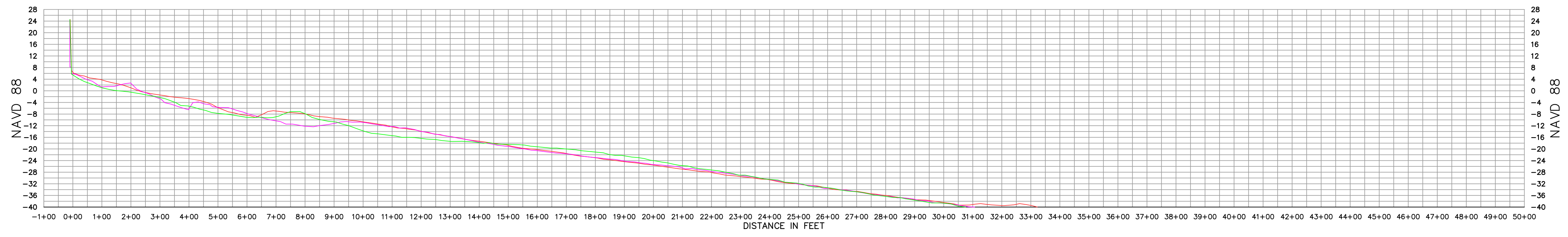
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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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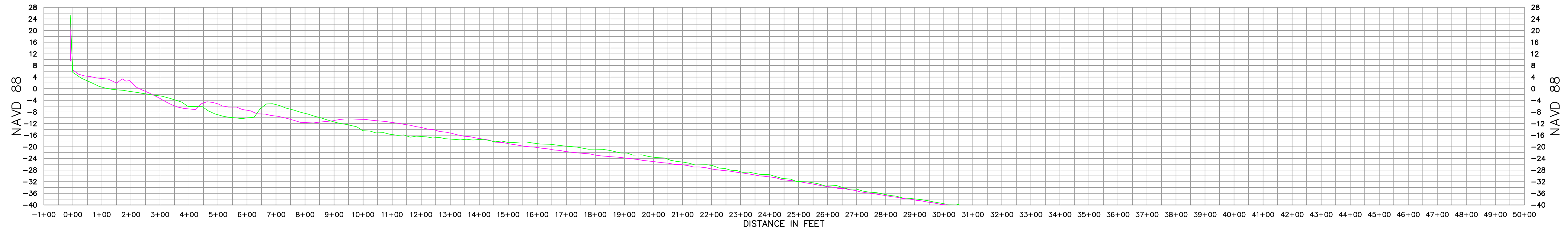
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COMMISSION NO.
35329-7
SCALE
AS SHOWN
DATE
11/2/23
SHEET 60 OF 86

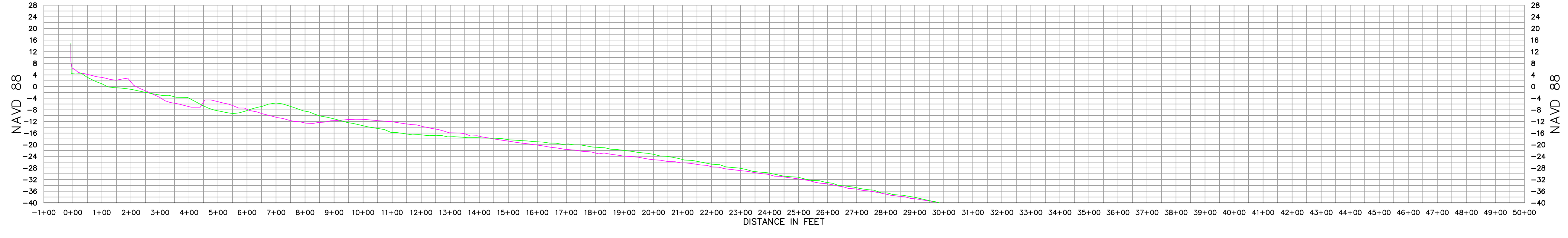
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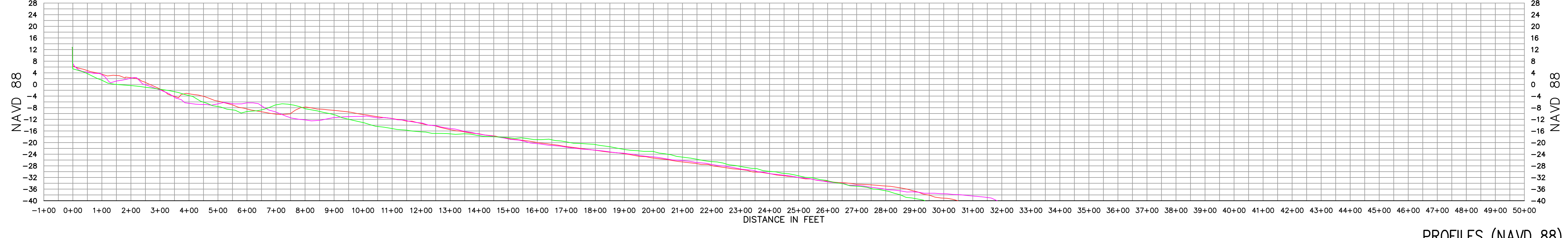
R-109



R-110



R-111



LEGEND	
—	SEPTEMBER 2023
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LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

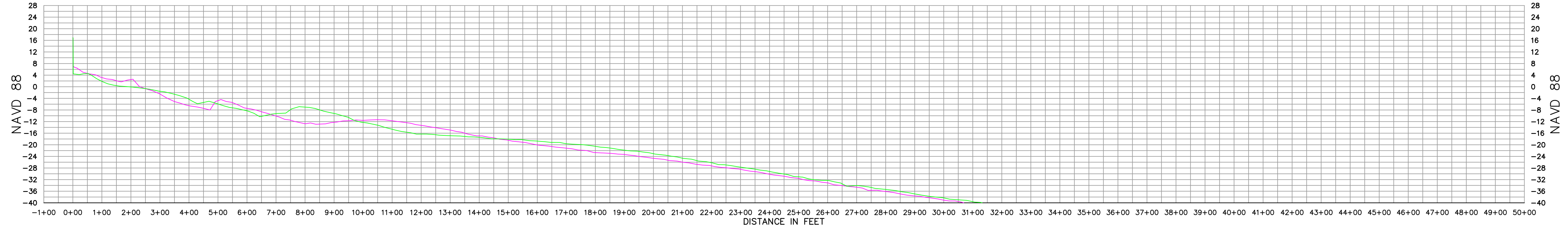
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

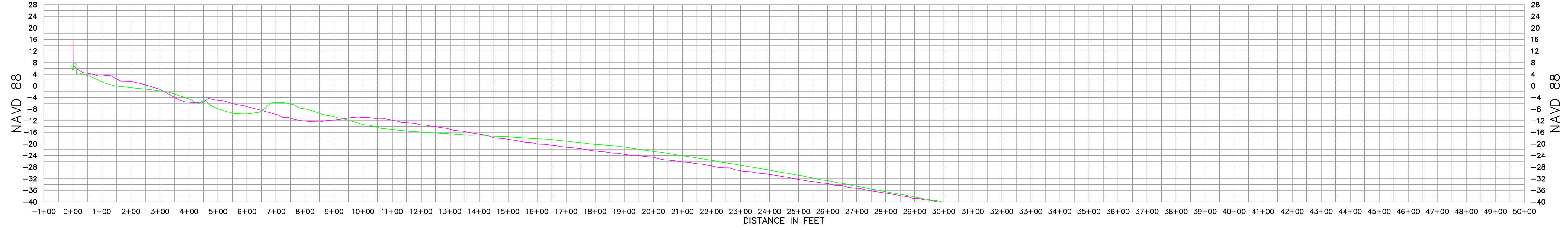
FOR TAYLOR ENGINEERING, INC.

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SHEET 61 OF 86					SCALE AS SHOWN
					DATE 11/2/23

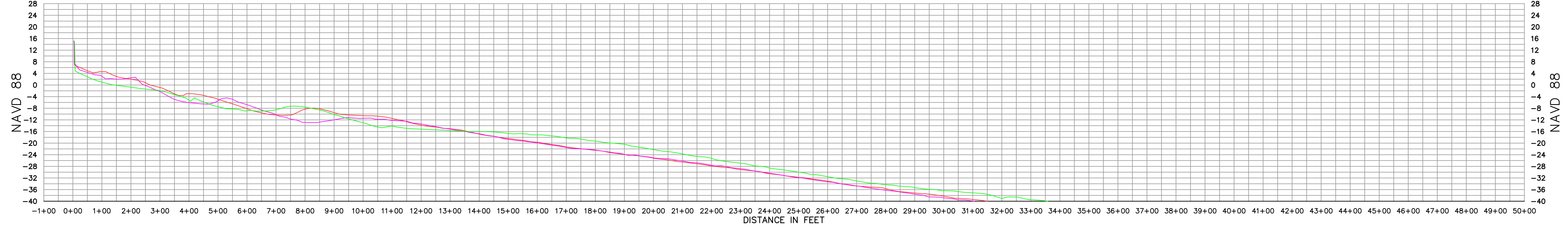
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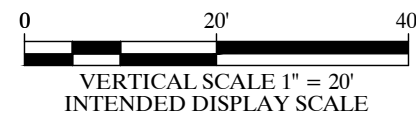
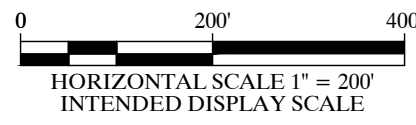
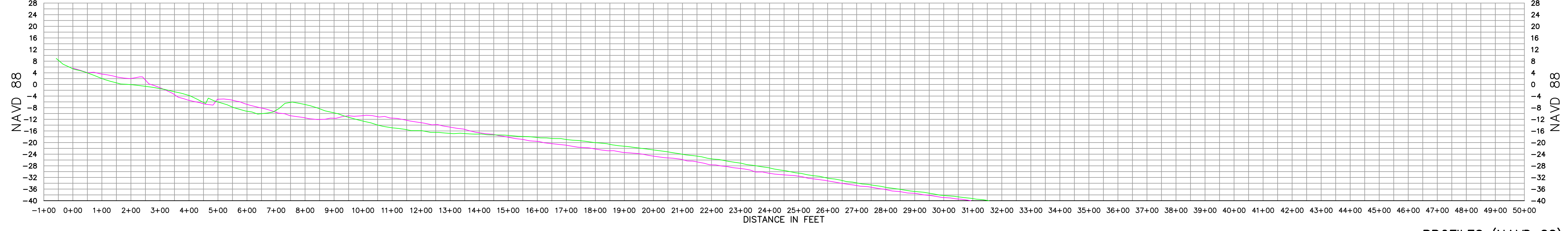
R-113



R-114



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LEGEND	
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

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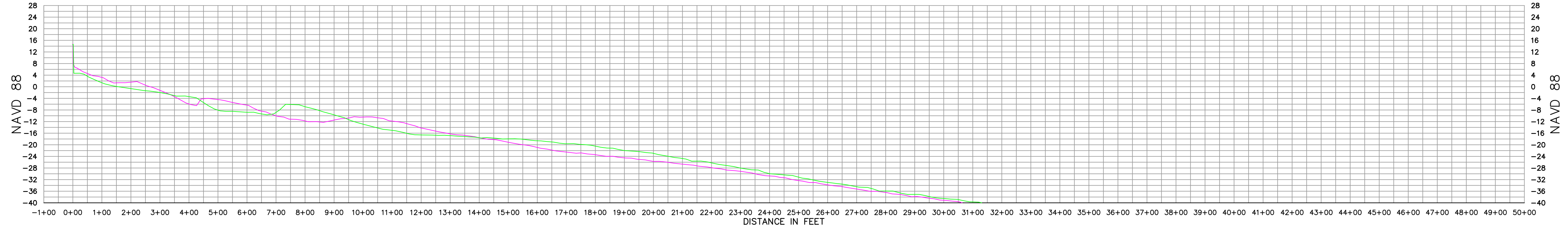
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VOLUSIA COUNTY, FLORIDA

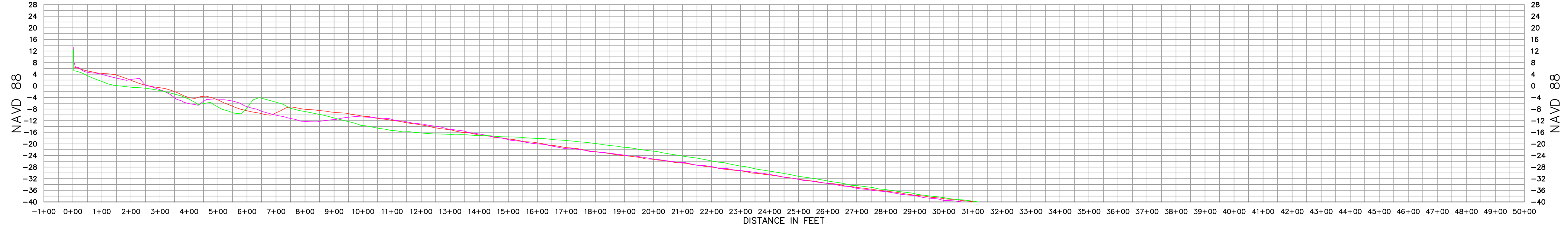
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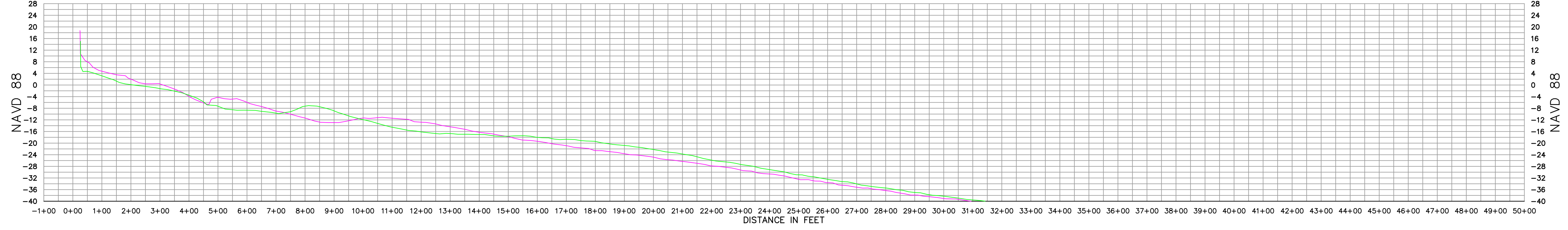
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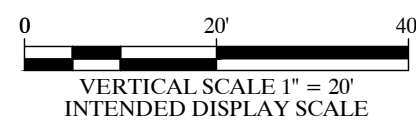
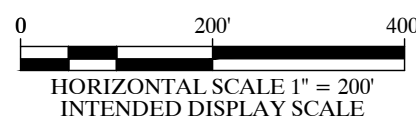
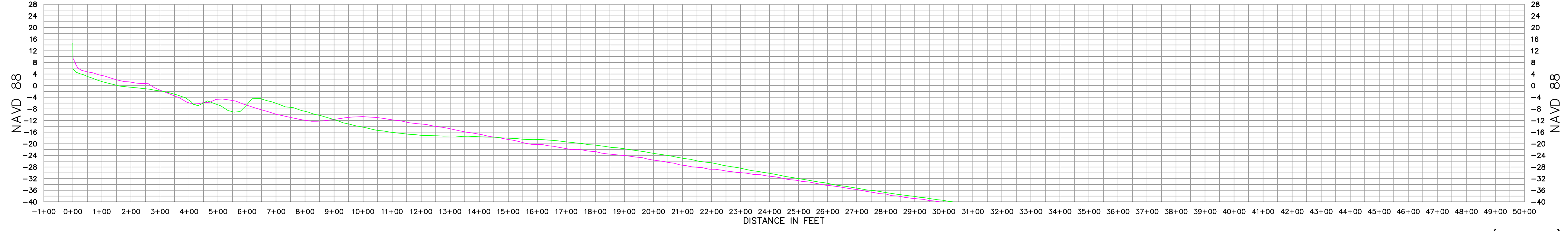
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LEGEND	
—	SEPTEMBER 2023
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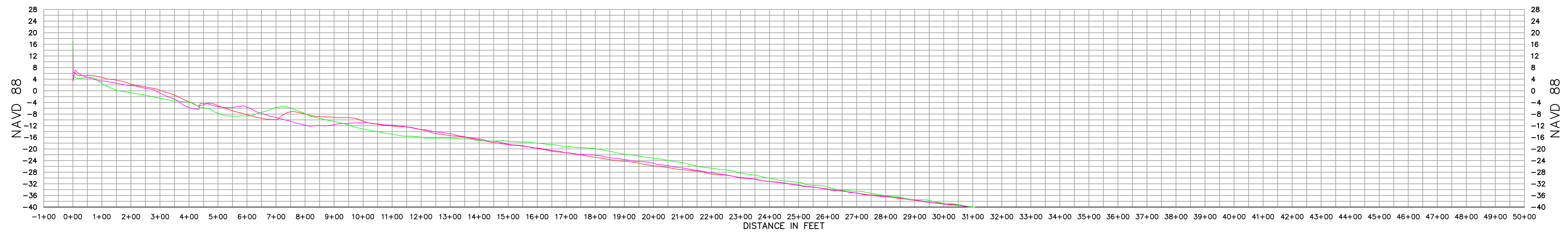
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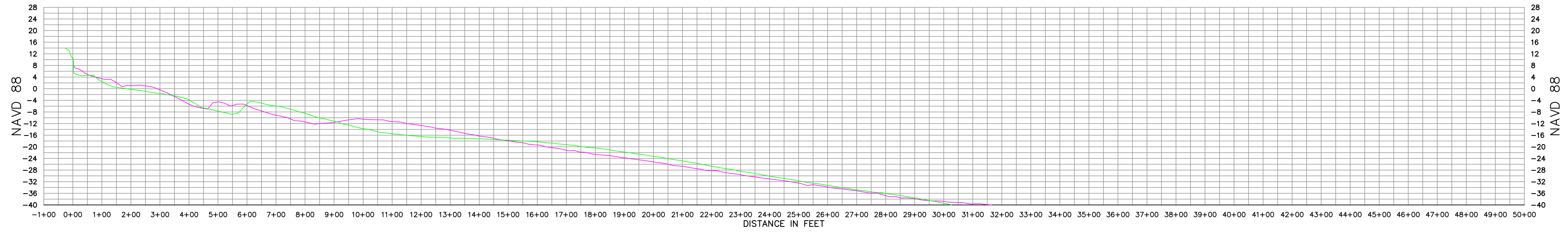
PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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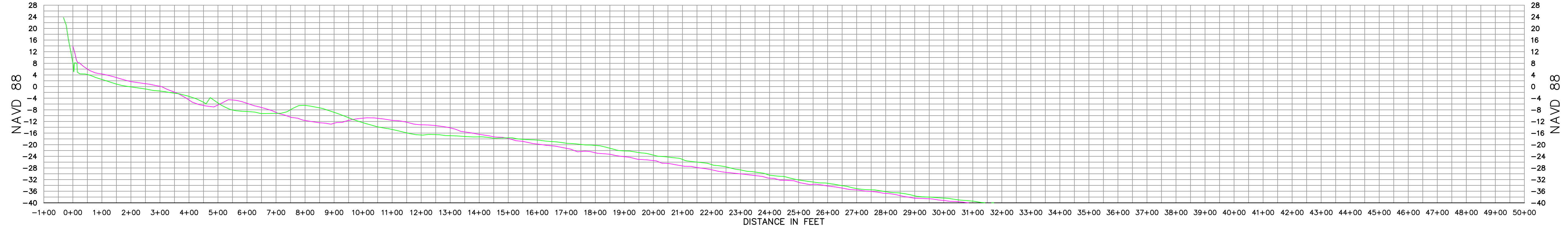
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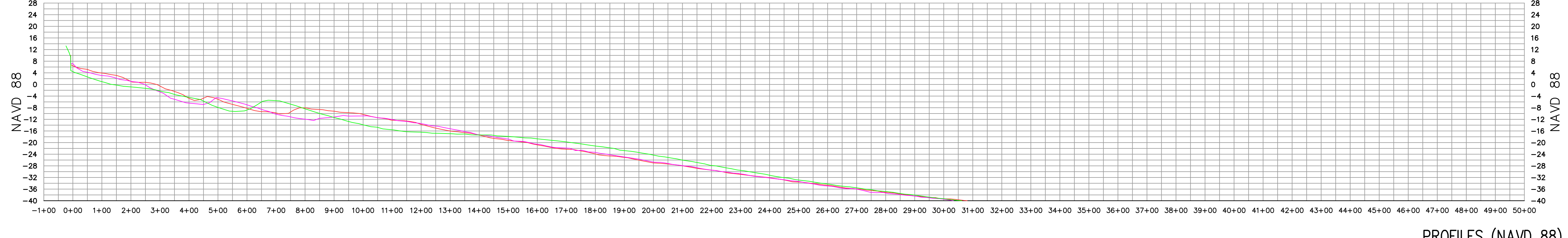
R-121



R-122



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LEGEND	
—	SEPTEMBER 2023
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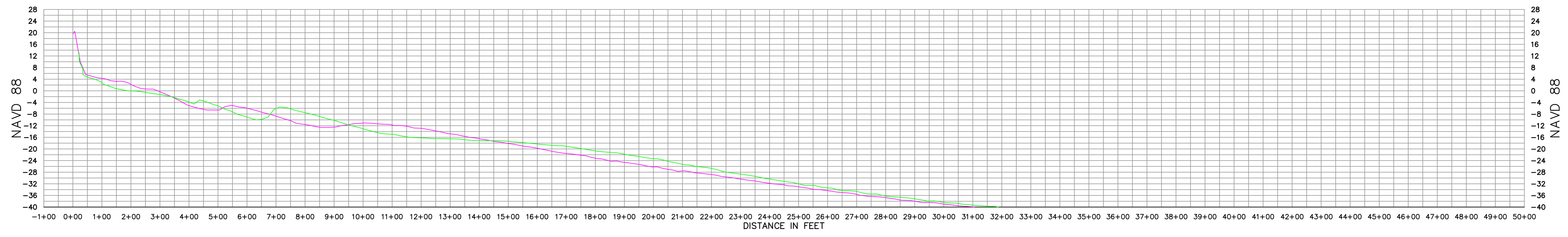
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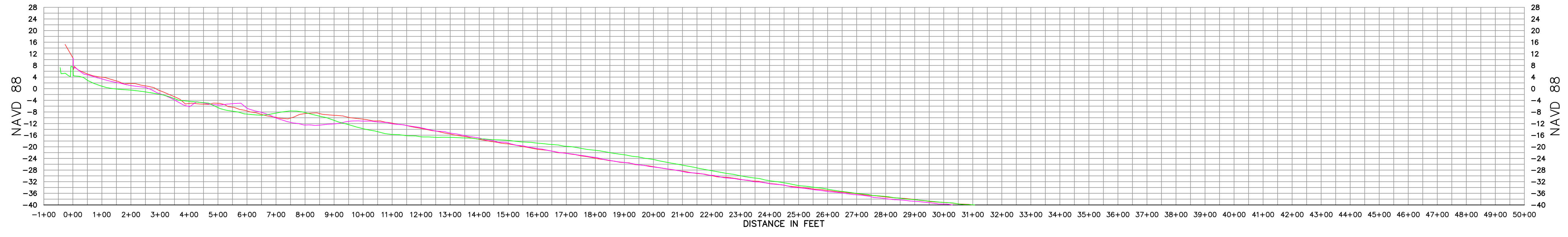
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
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VOLUSIA COUNTY, FLORIDA
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SCALE AS SHOWN					DATE 11/2/23
SHEET 64 OF 86					

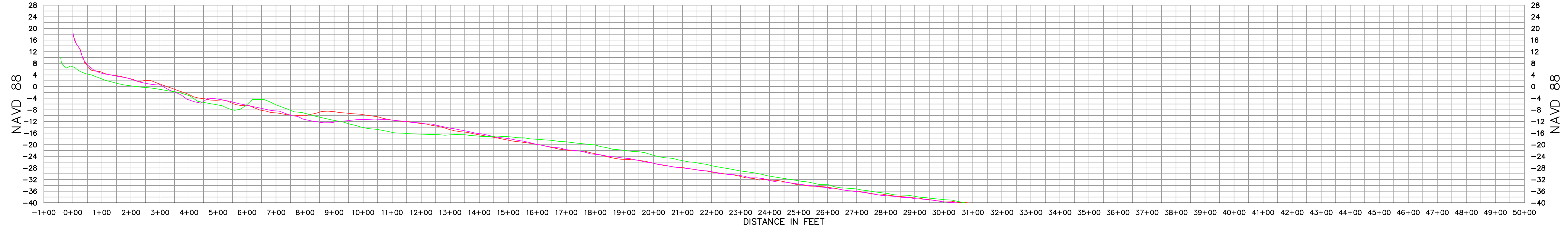
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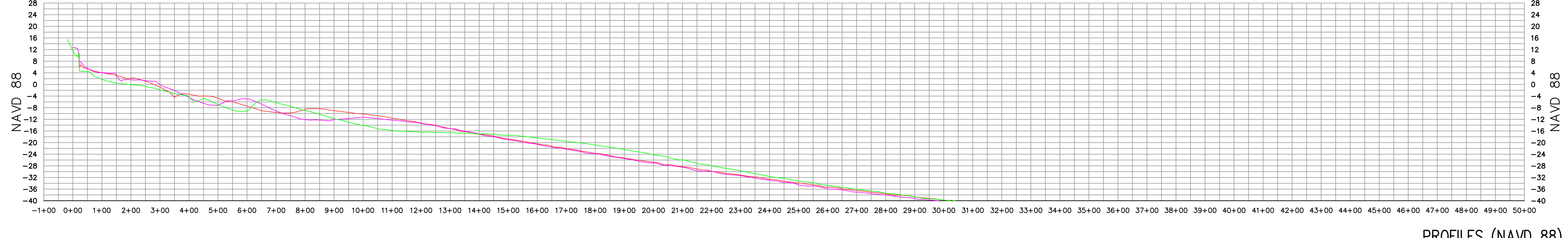
R-125



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LEGEND
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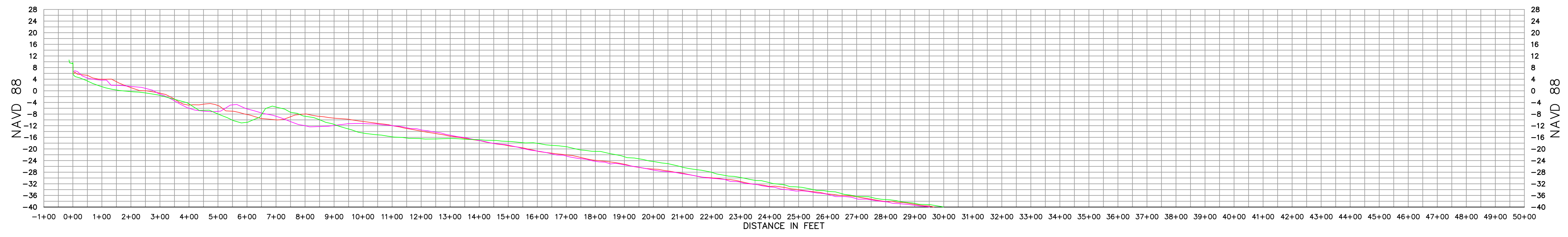
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LB #4298

PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

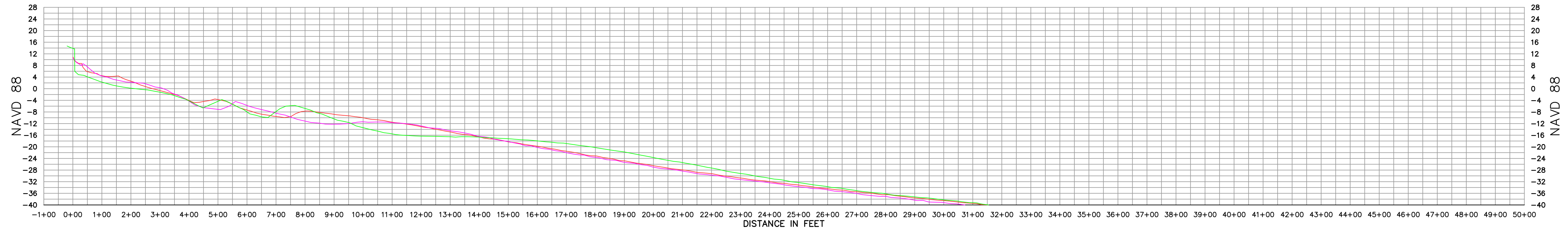
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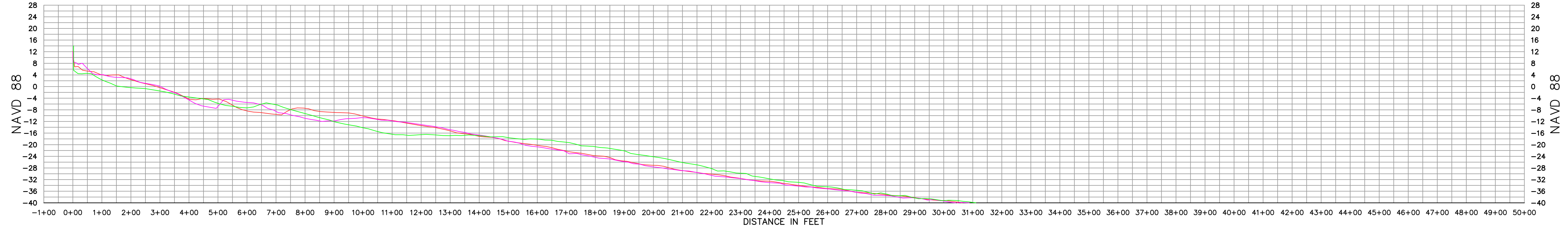
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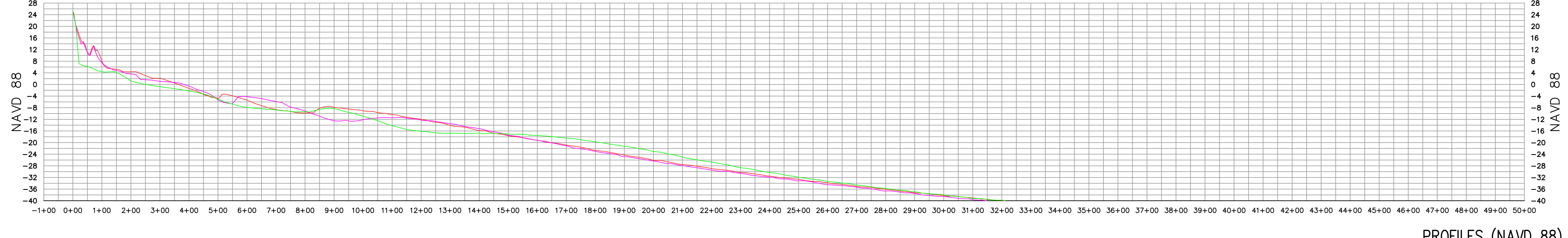
R-129



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LEGEND	
—	SEPTEMBER 2023
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LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

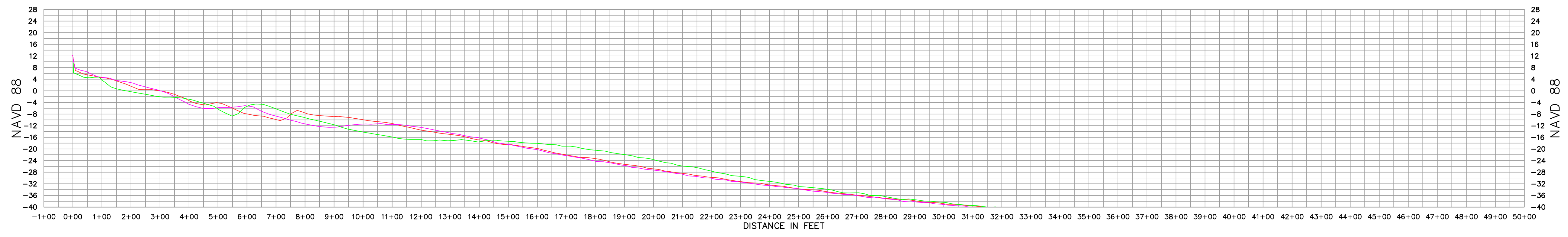
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VOLUSIA COUNTY, FLORIDA

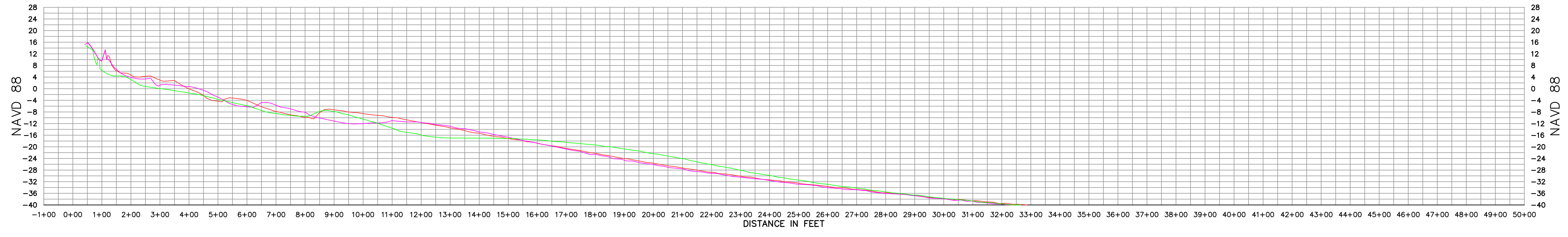
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					SCALE AS SHOWN
					DATE 11/2/23
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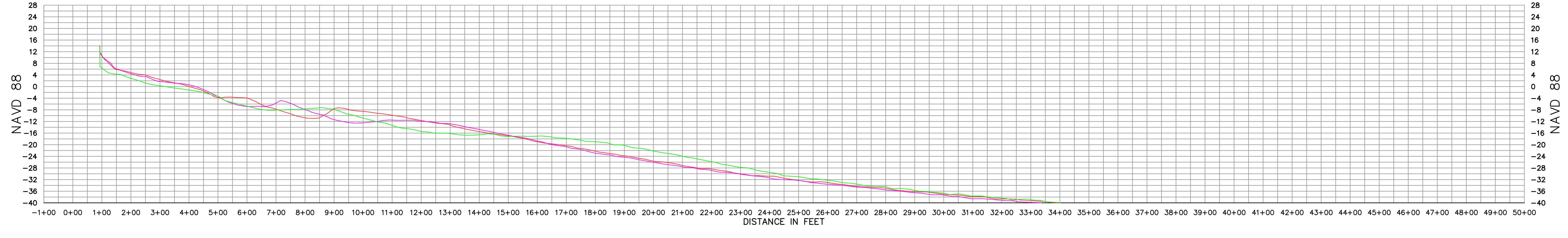
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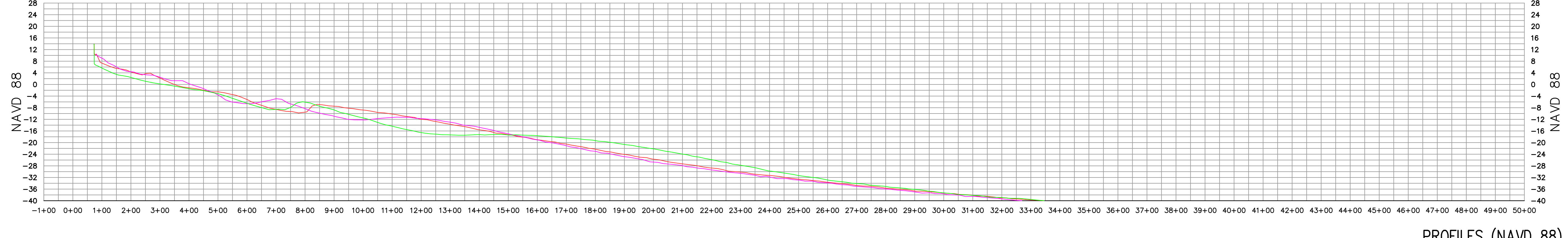
R-133



R-134



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LEGEND

— SEPTEMBER 2023

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PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

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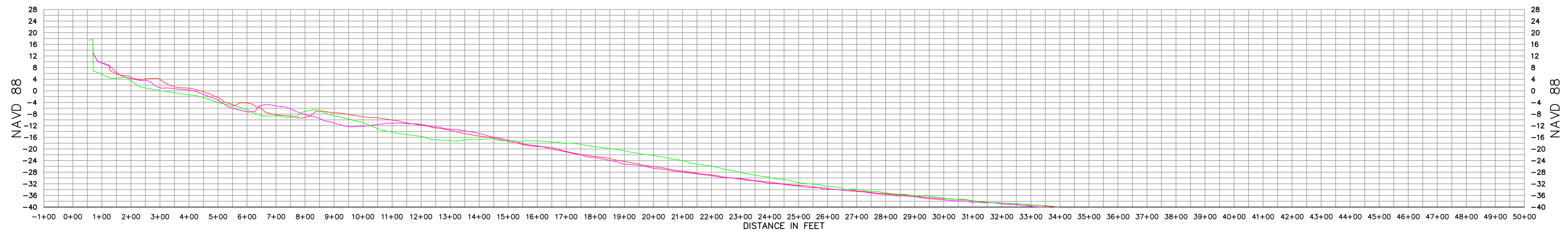
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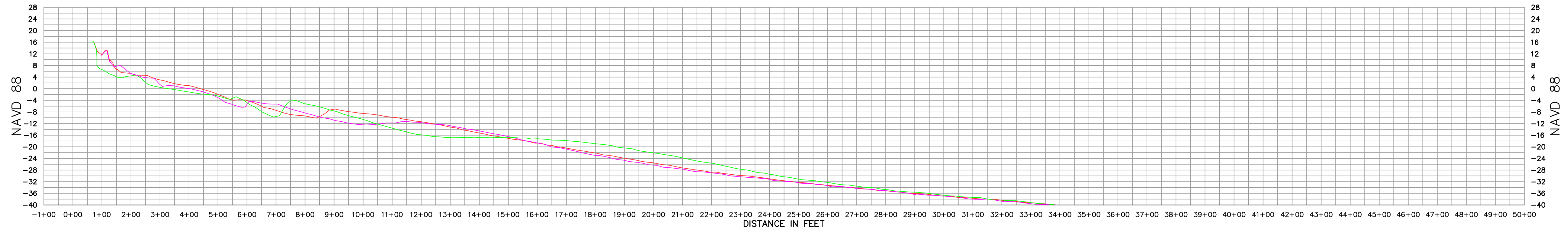
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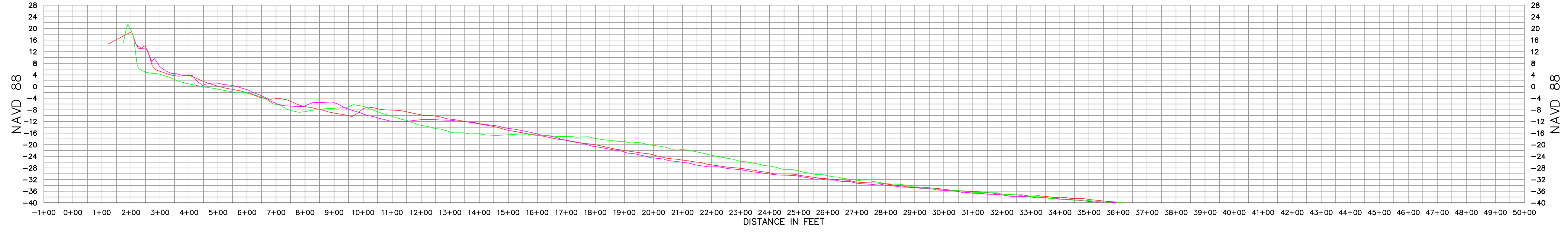
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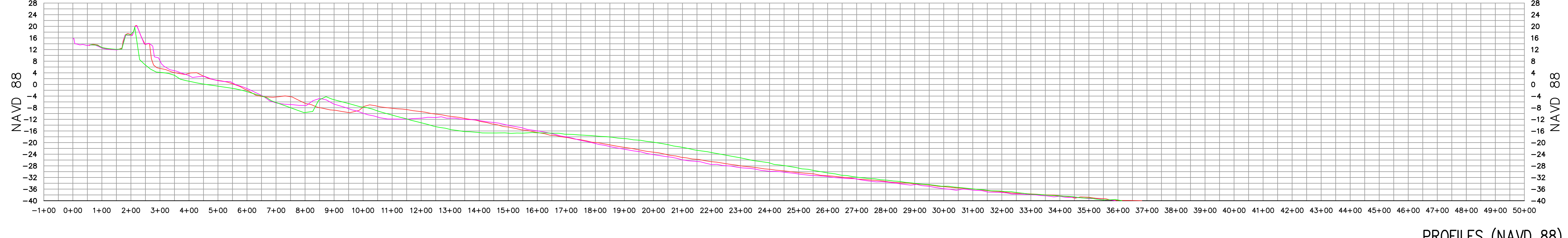
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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

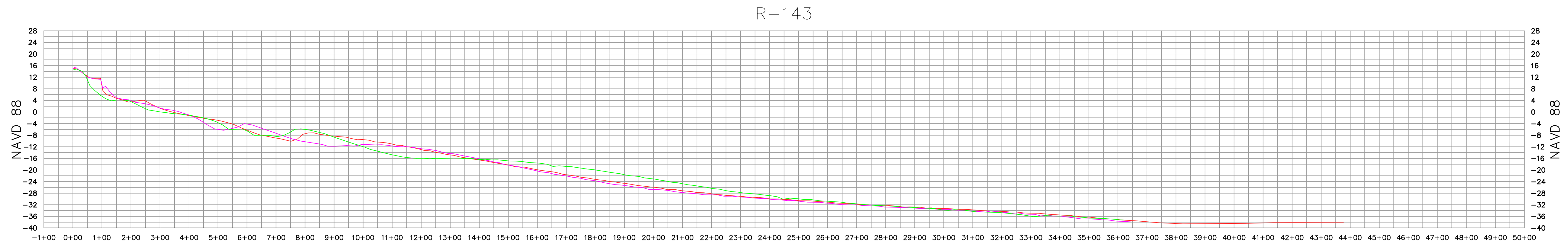
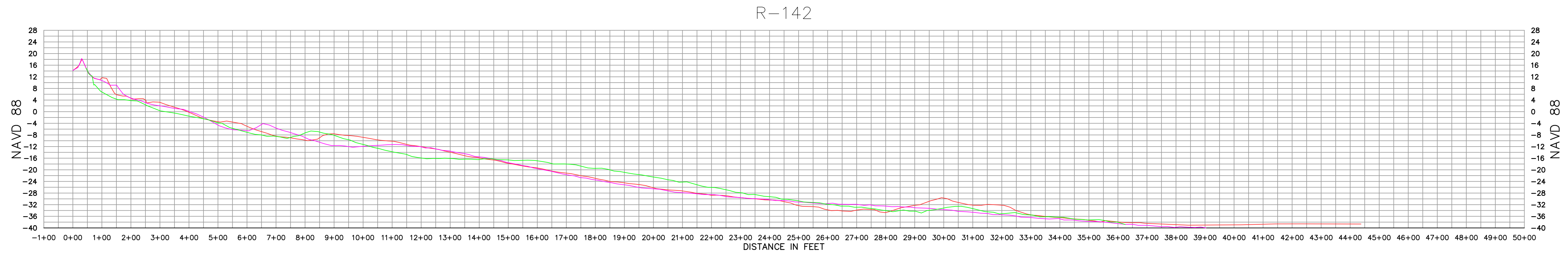
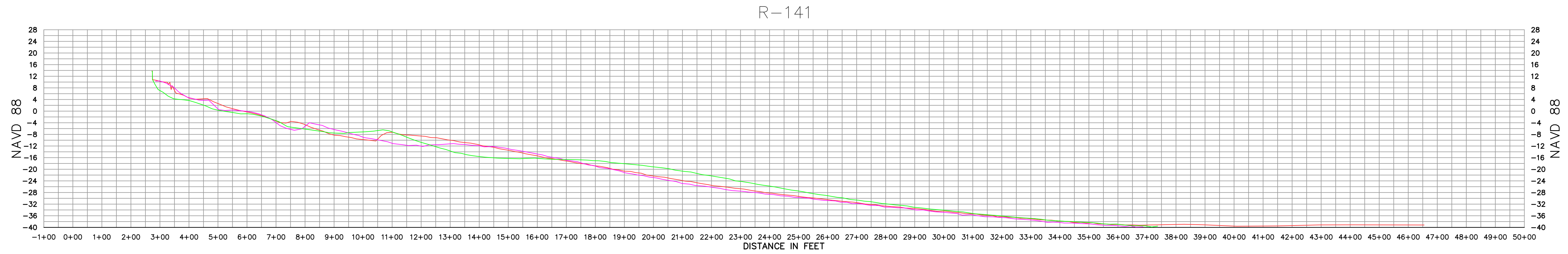
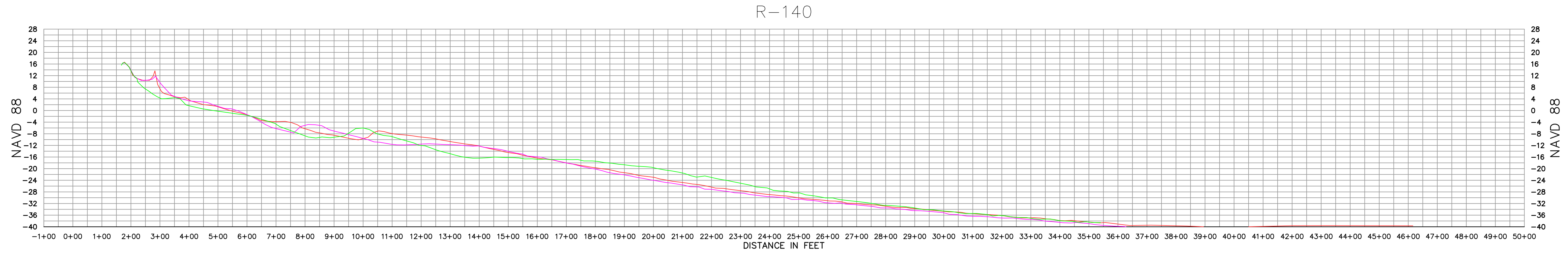
FOR TAYLOR ENGINEERING, INC.

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SCALE
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SHEET 68 OF 86



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND

—	SEPTEMBER 2023
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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY
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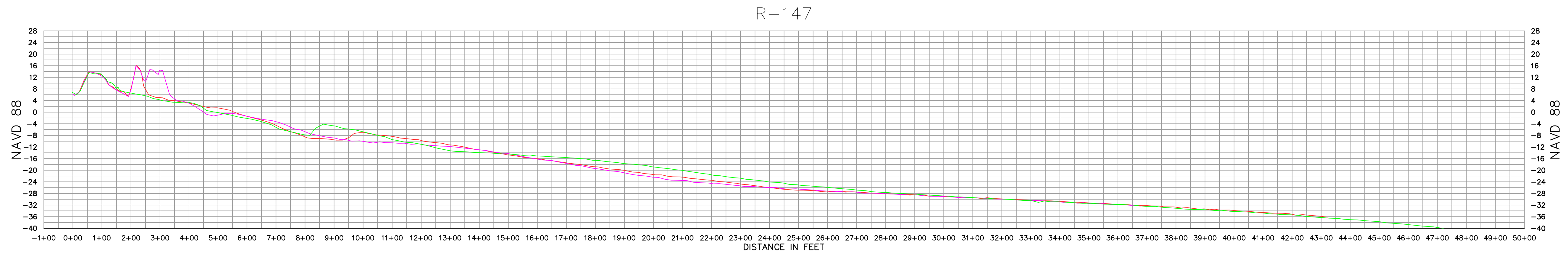
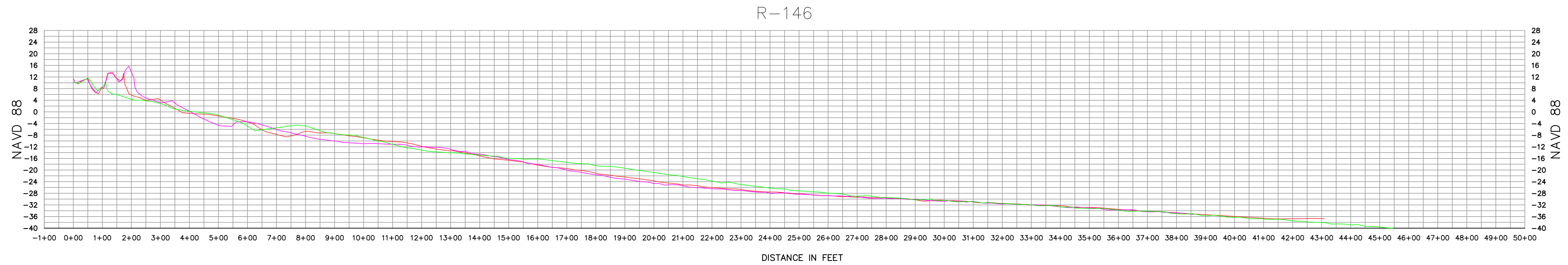
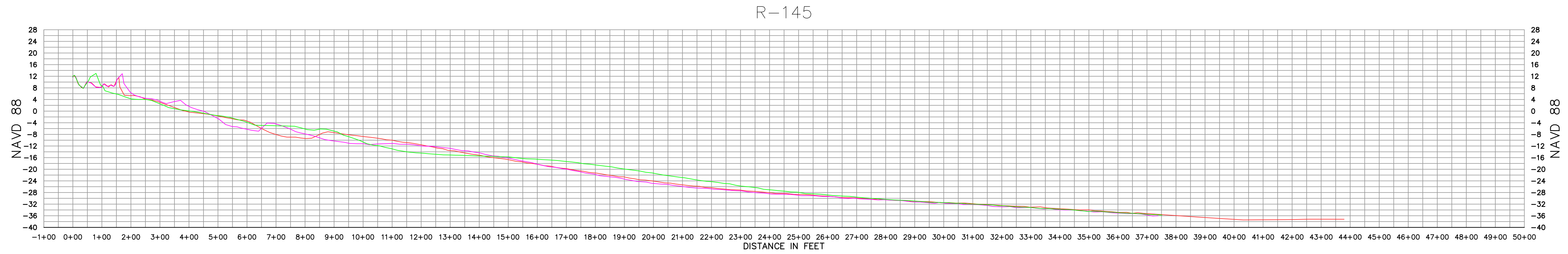
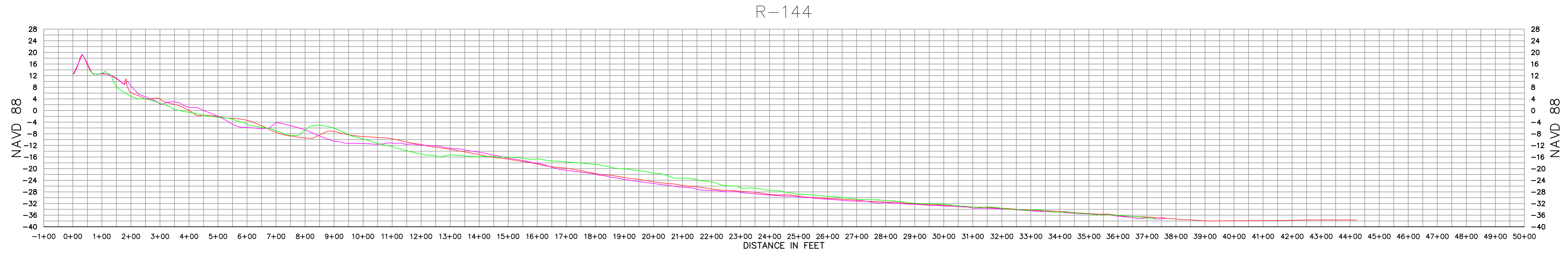
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DATE OF SURVEY
10/21/23

COMMISSION NO. 35329-7
SCALE AS SHOWN
DATE 11/2/23
SHEET 69 OF 86



0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND

—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019



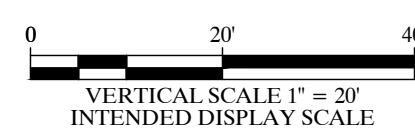
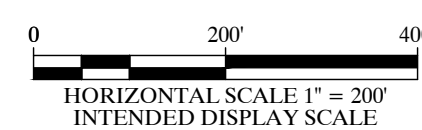
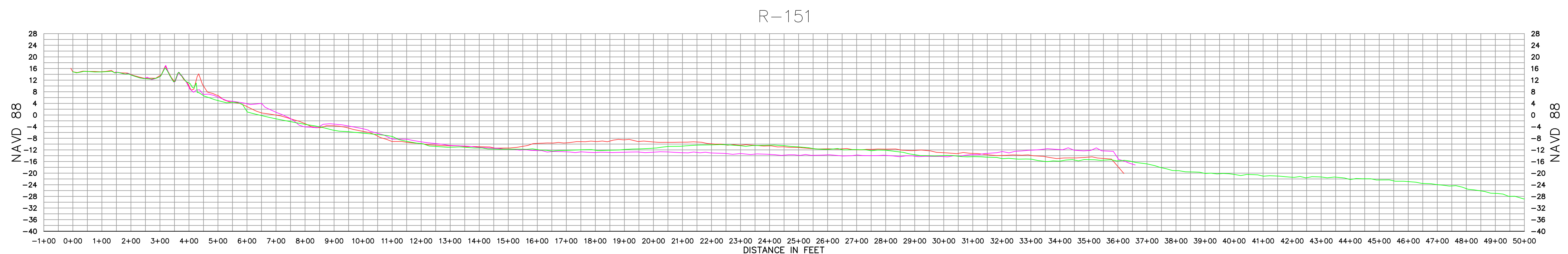
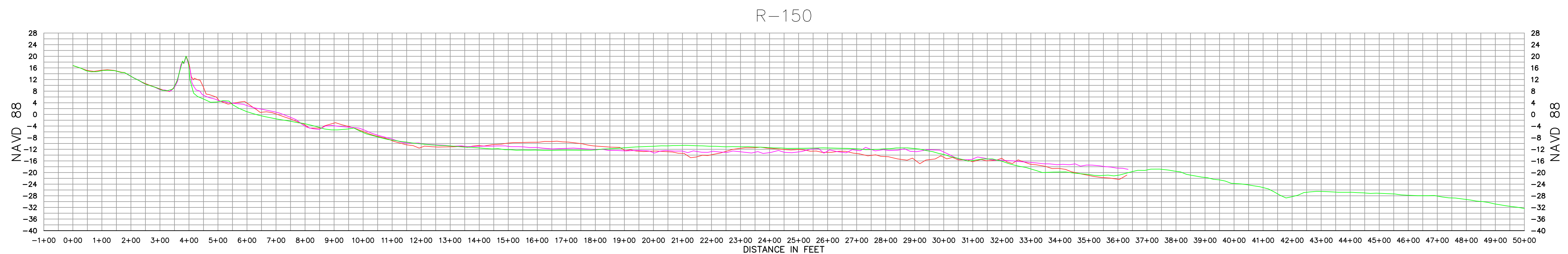
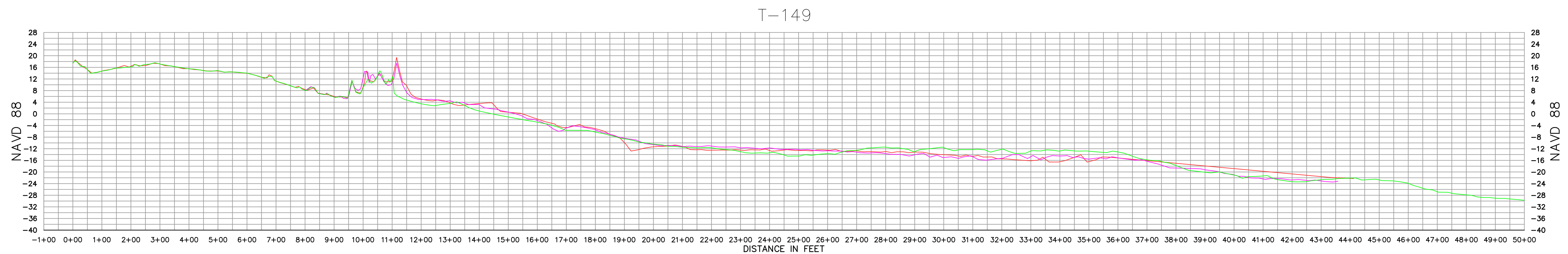
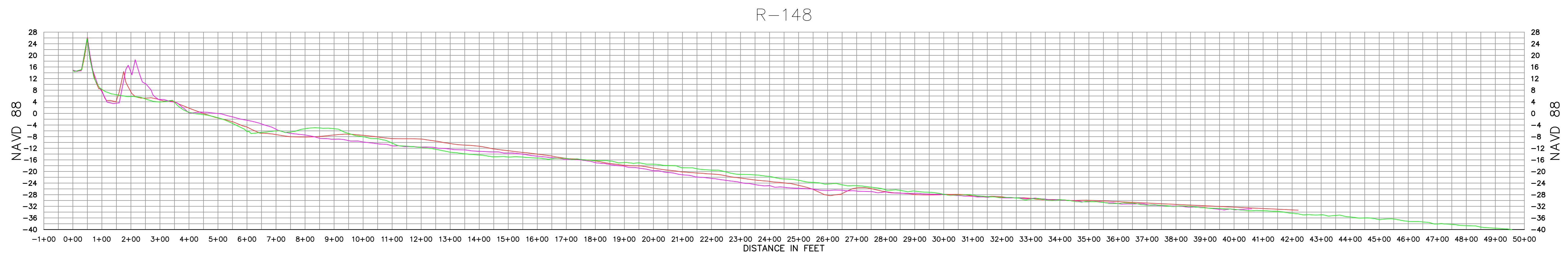
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4909 US HIGHWAY #1 VERO BEACH, FL 32967 PHONE: (772) 388-5364 FAX: (772) 388-3165	1001 NORTH AMERICA WAY SUITE 211 MIAMI, FL 33132 PHONE: (305) 364-5158 LB #4298
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PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23
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COMMISSION NO. 35329-7
SCALE AS SHOWN
DATE 11/2/23
SHEET 70 OF 86



LEGEND

SEPTEMBER 2023
SEPTEMBER 2022
JULY 2019



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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

COMMISSION NO.
35329-7

SCALE
AS SHOWN

DATE
11/2/23

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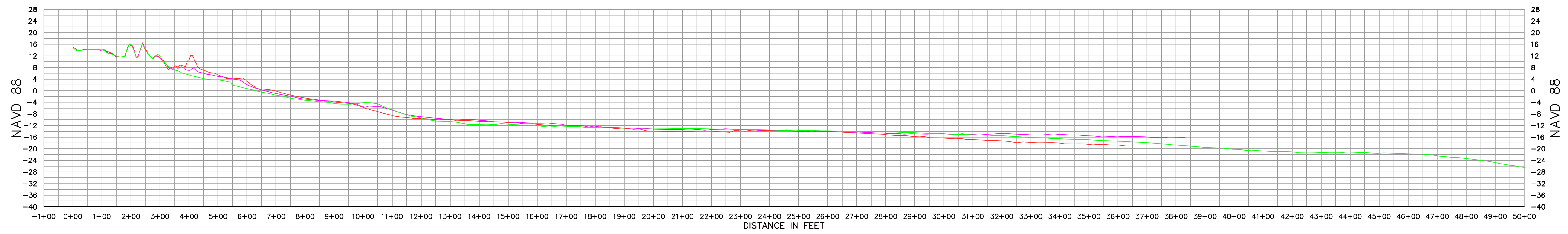
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DWC

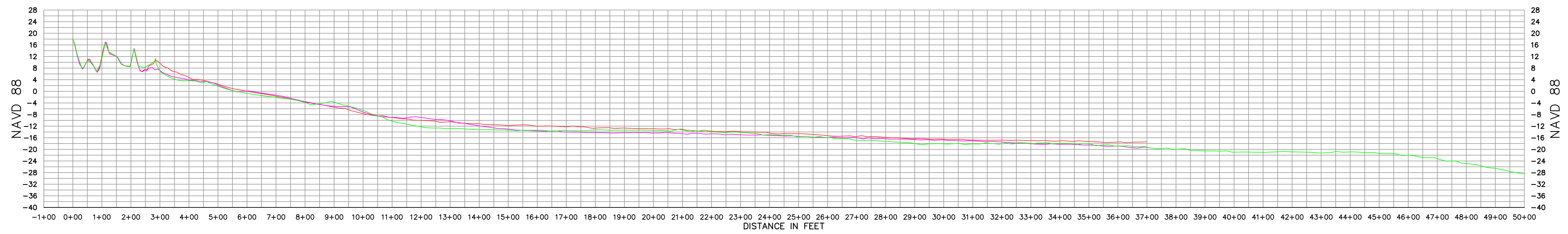
FIELD BOOK	SEE
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DATE OF SURVEY
10 / 21 / 23

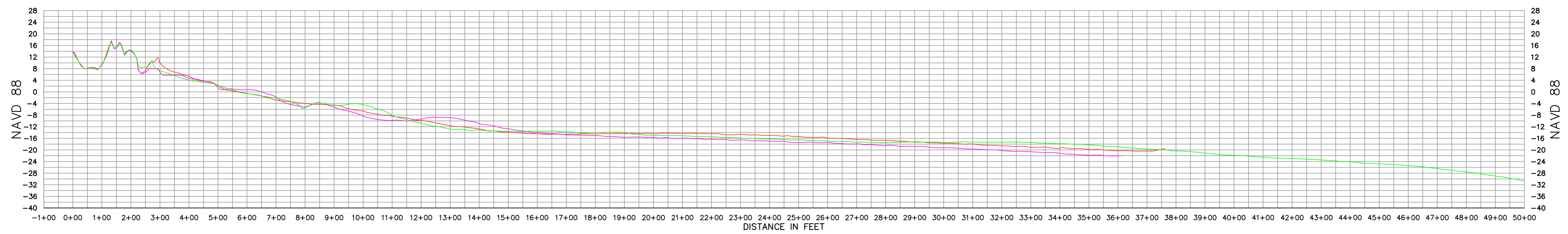
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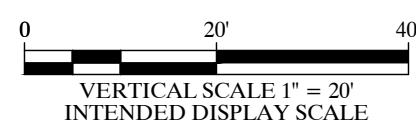
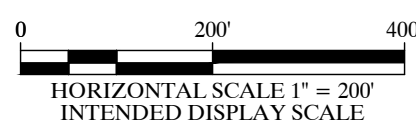
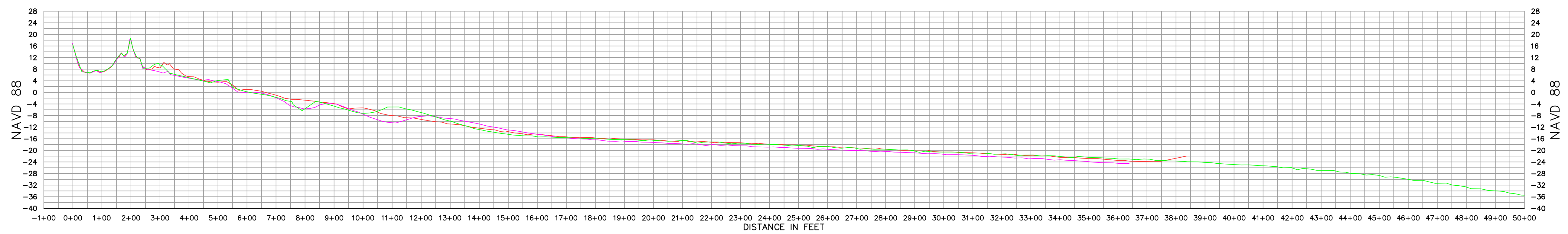
R-153



R-154



R-155



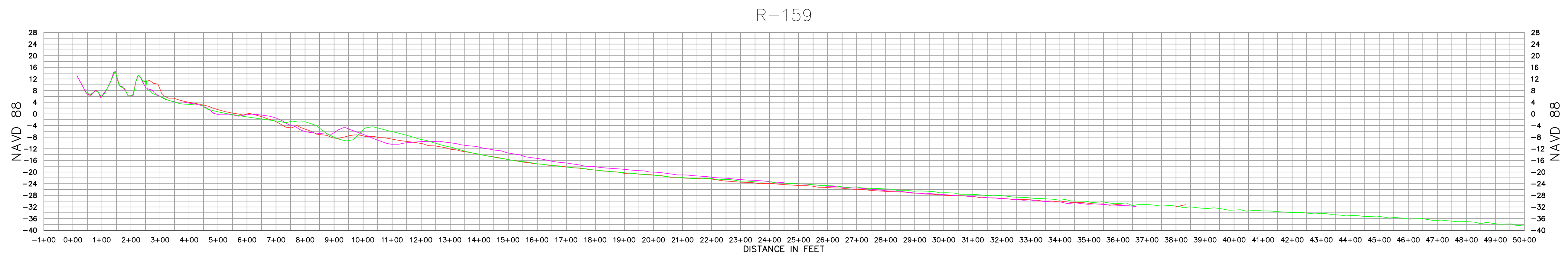
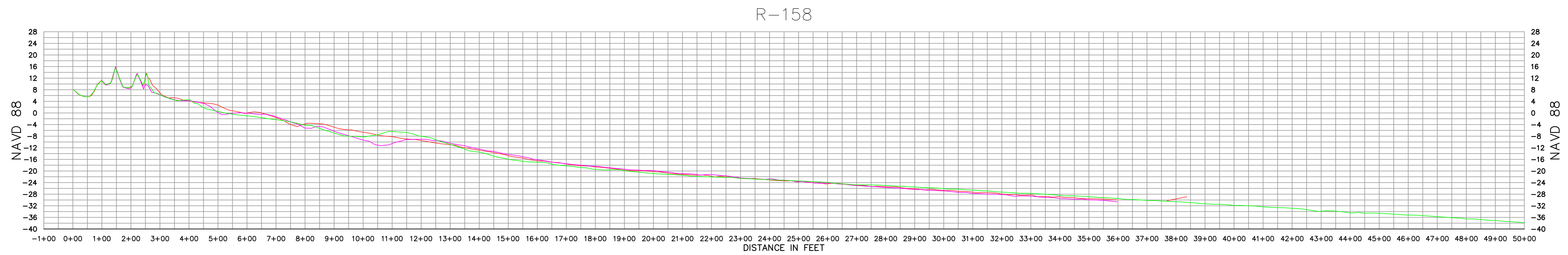
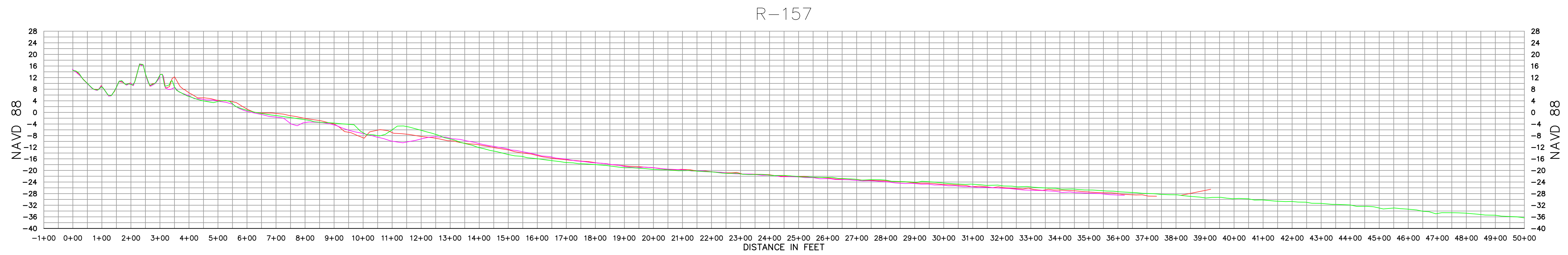
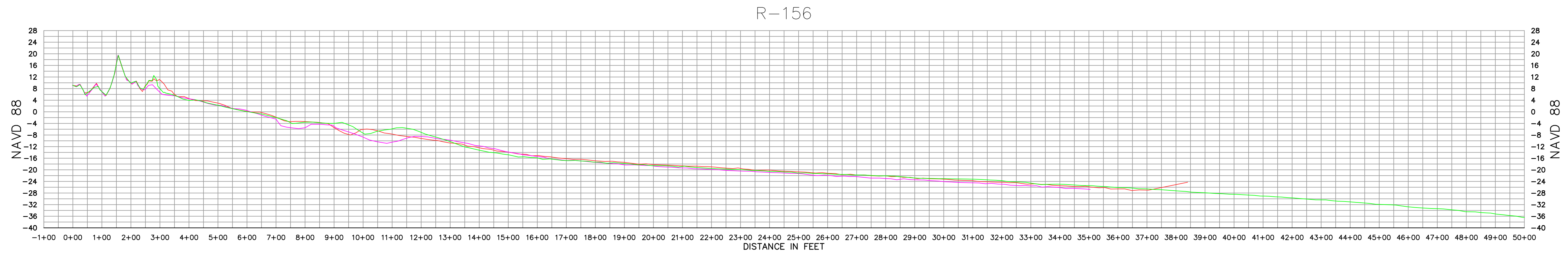
LEGEND	
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2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND

— SEPTEMBER 2023
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FDEP BEACH PROFILE LINES R-0 THROUGH R-208
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FIELD BOOK
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DATE OF SURVEY
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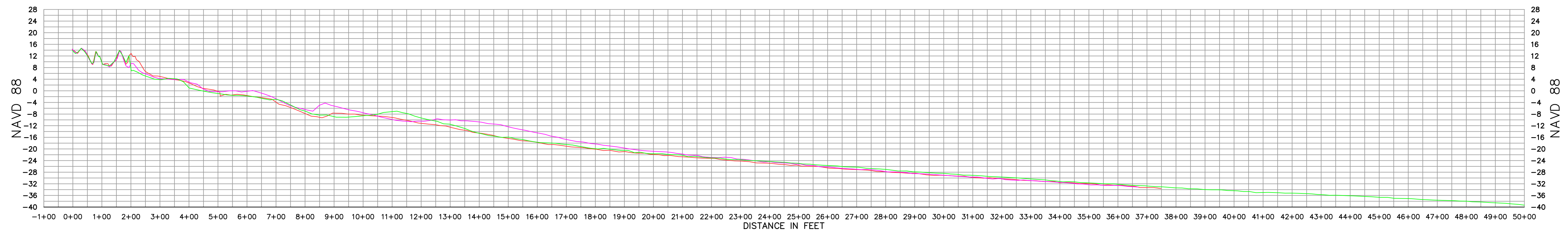
COMMISSION NO.
35329-7

SCALE
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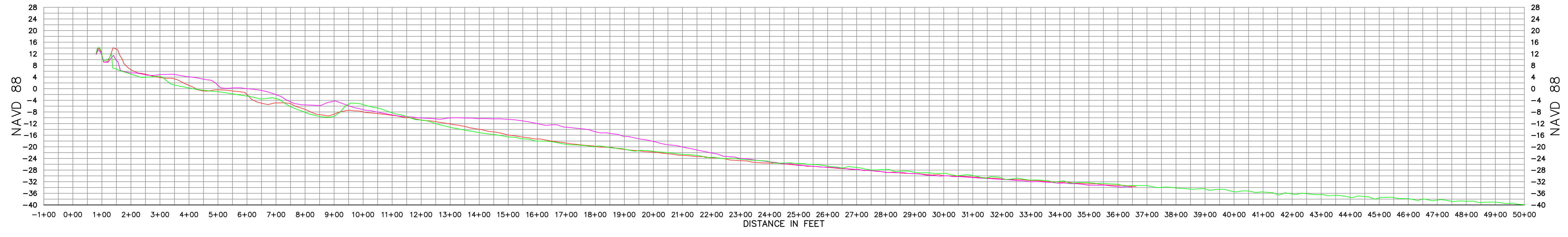
DATE
11/2/23

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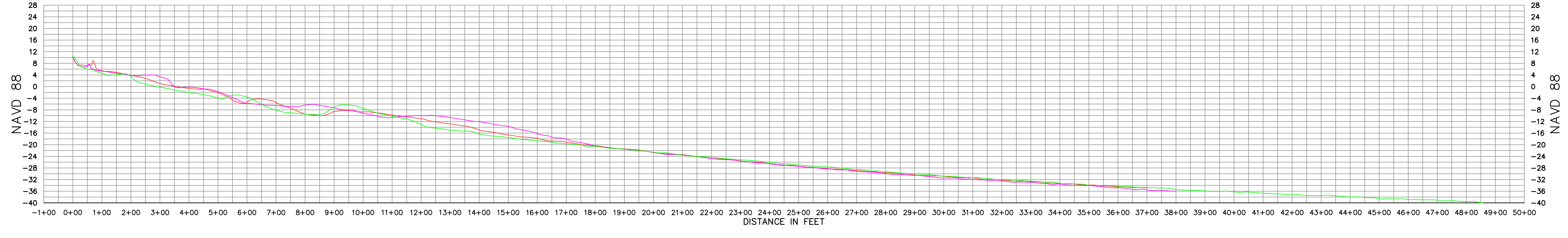
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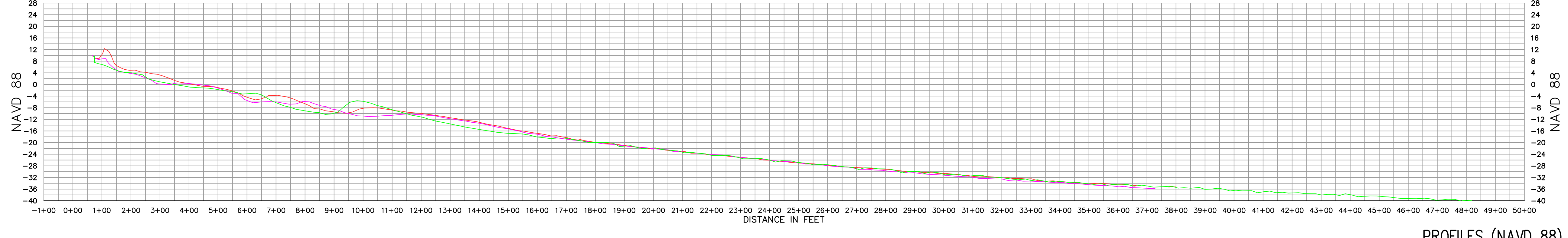
R-161



R-162



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PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

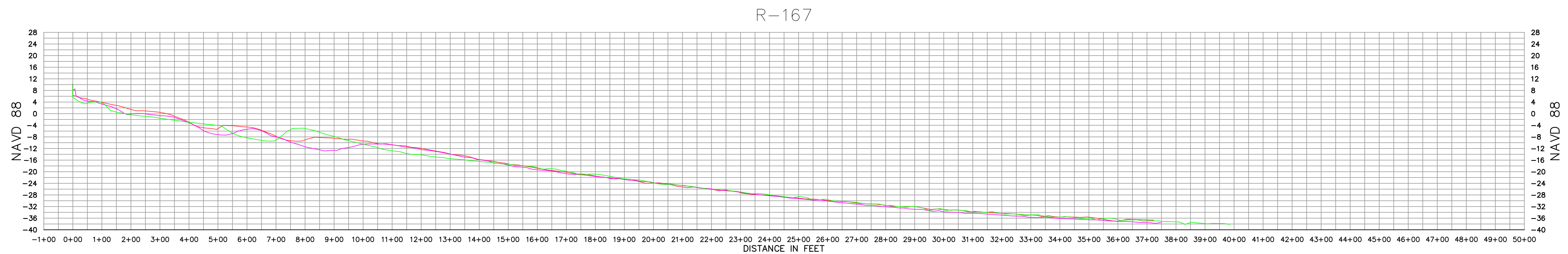
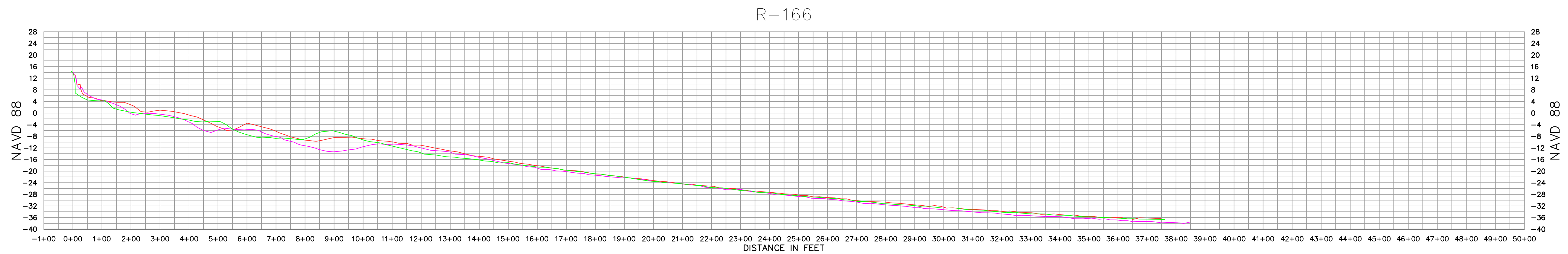
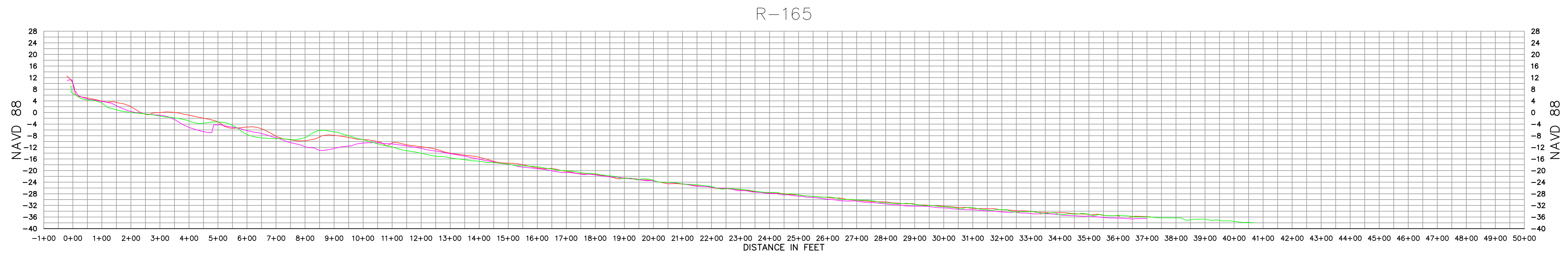
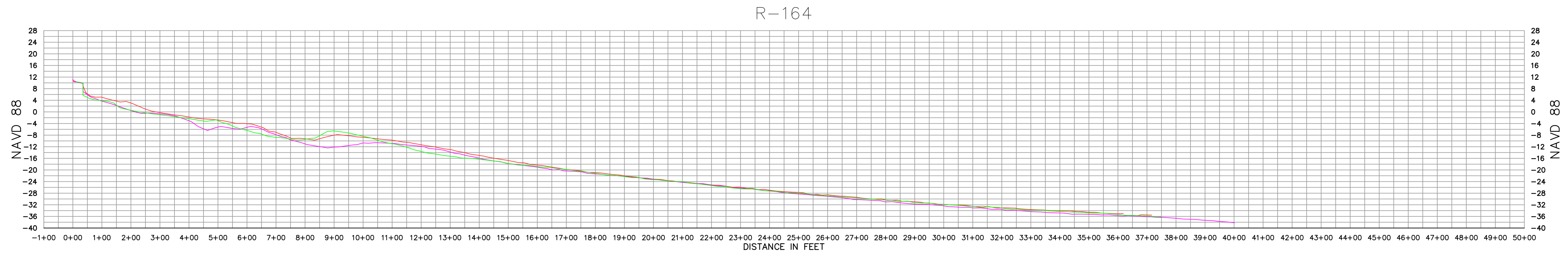
2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

COMMISSION NO. 35329-7	
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0 200' 400'

HORIZONTAL SCALE 1" = 200'

INTENDED DISPLAY SCALE

0 20' 40'

VERTICAL SCALE 1" = 20'

INTENDED DISPLAY SCALE

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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

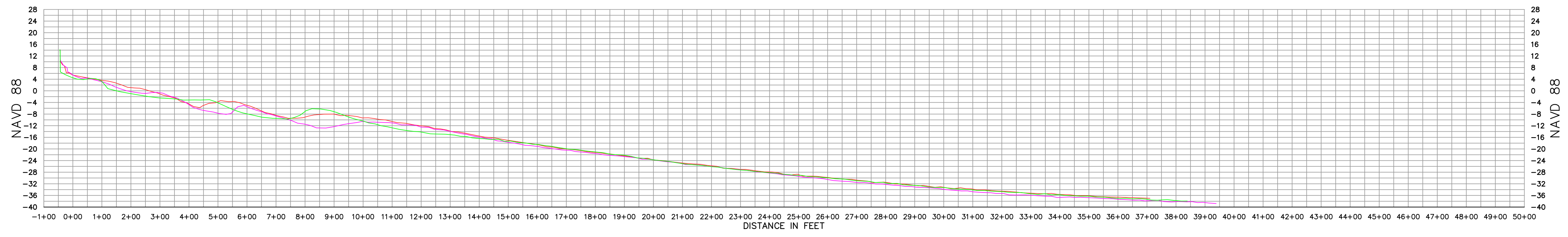
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VOLUSIA COUNTY, FLORIDA

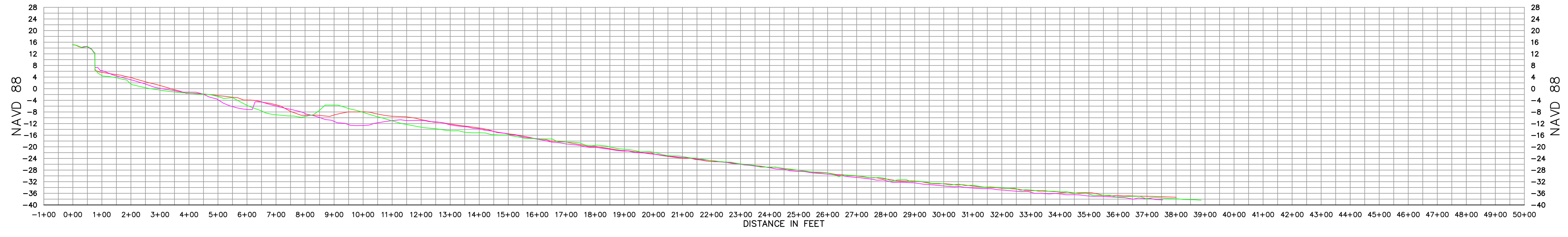
FOR TAYLOR ENGINEERING, INC.

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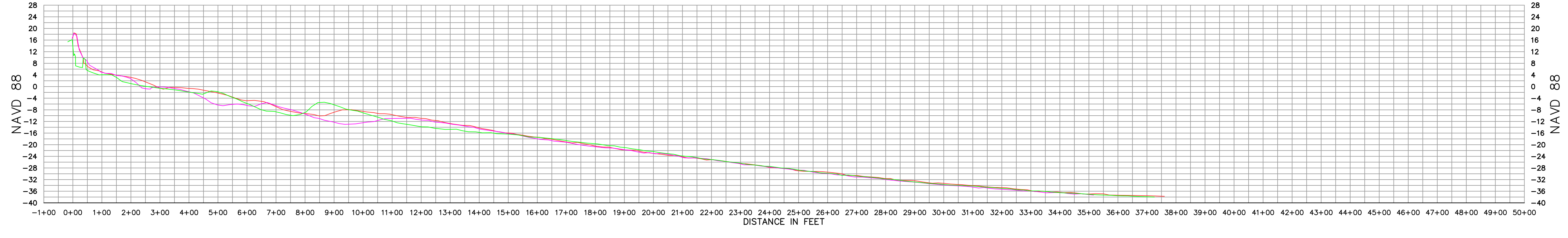
R-168



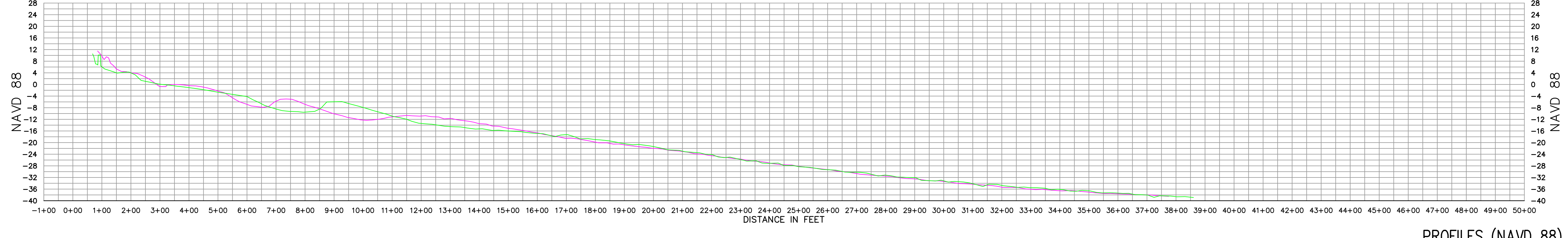
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LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

2022 VOLUSIA BEACH MONITORING

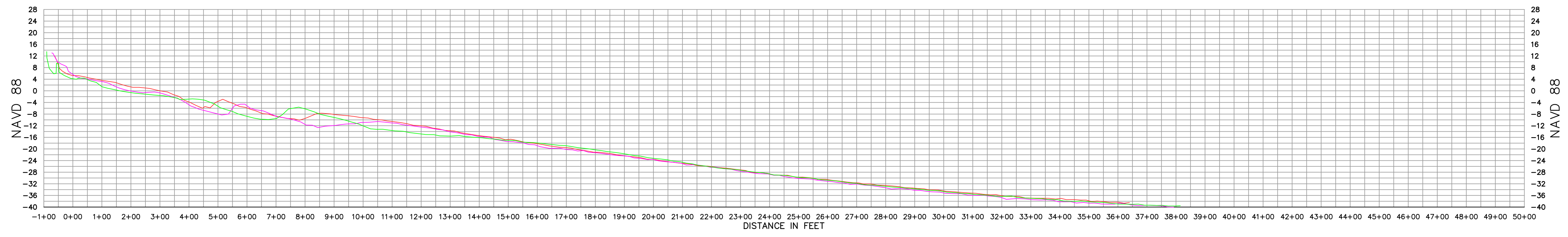
FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

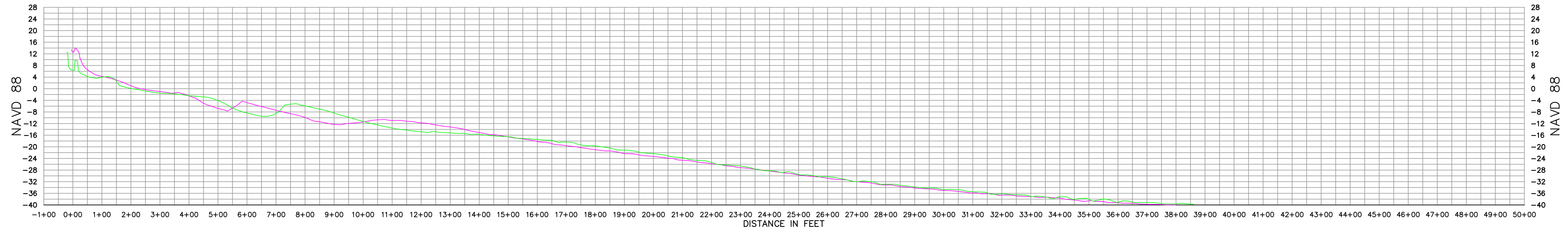
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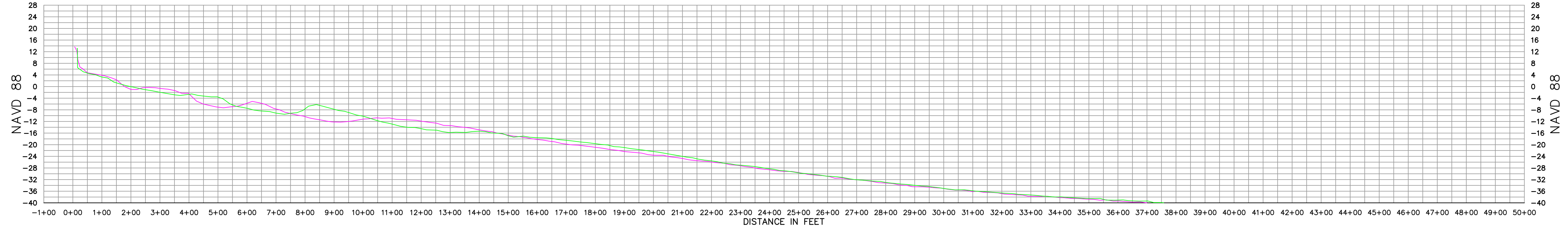
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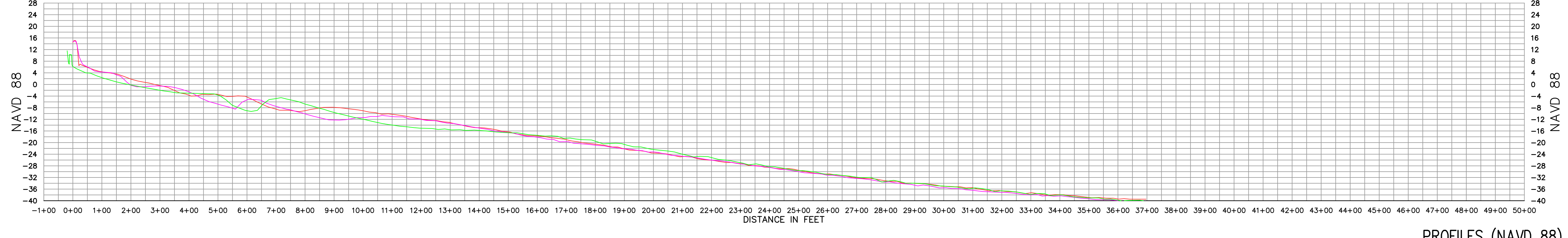
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R-174

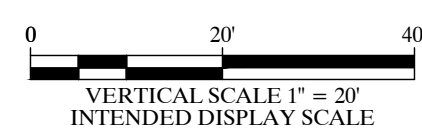
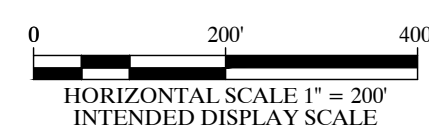
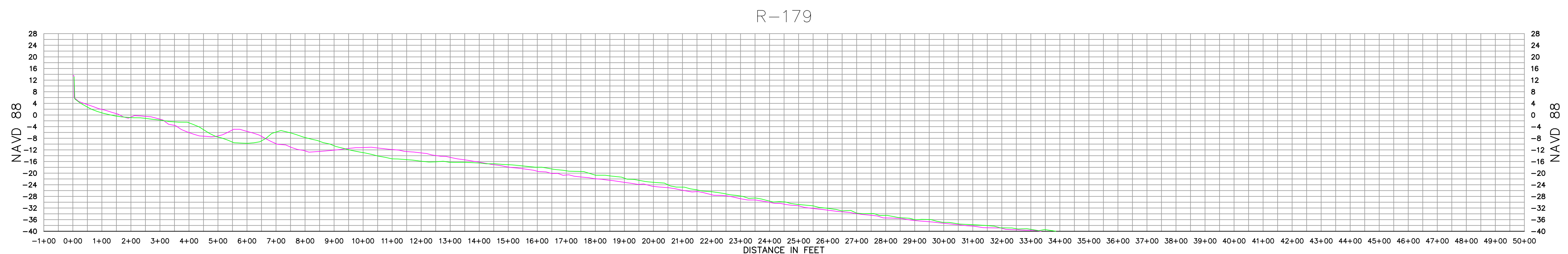
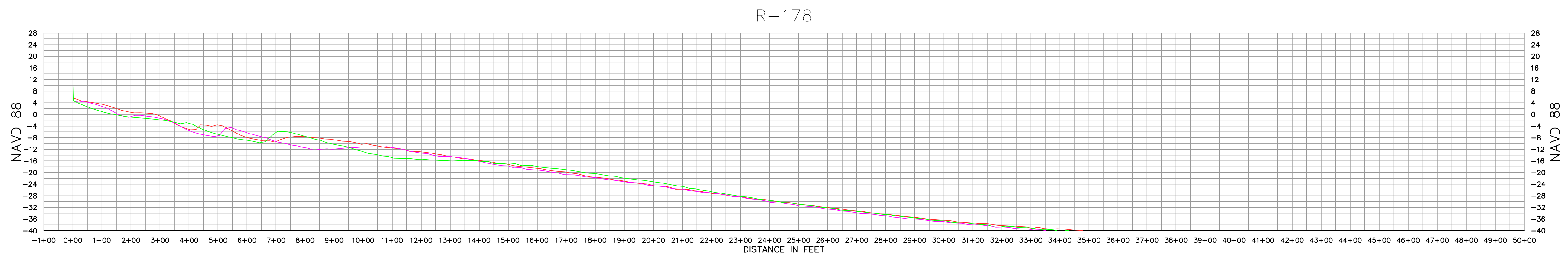
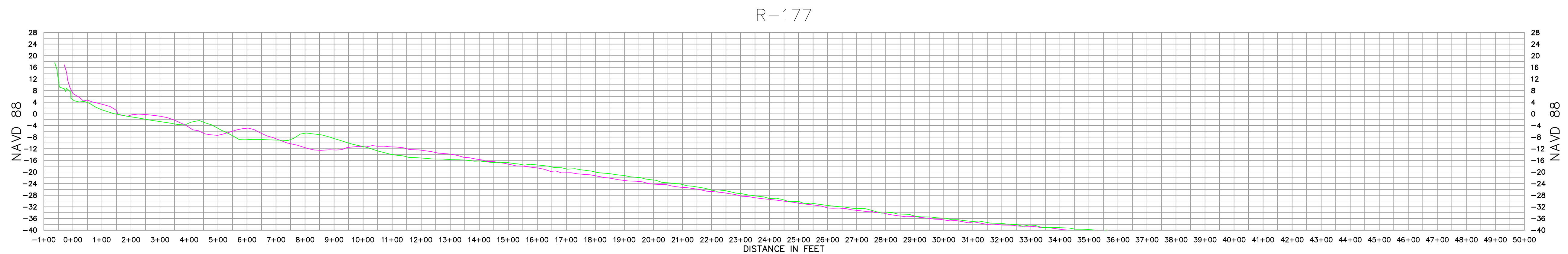
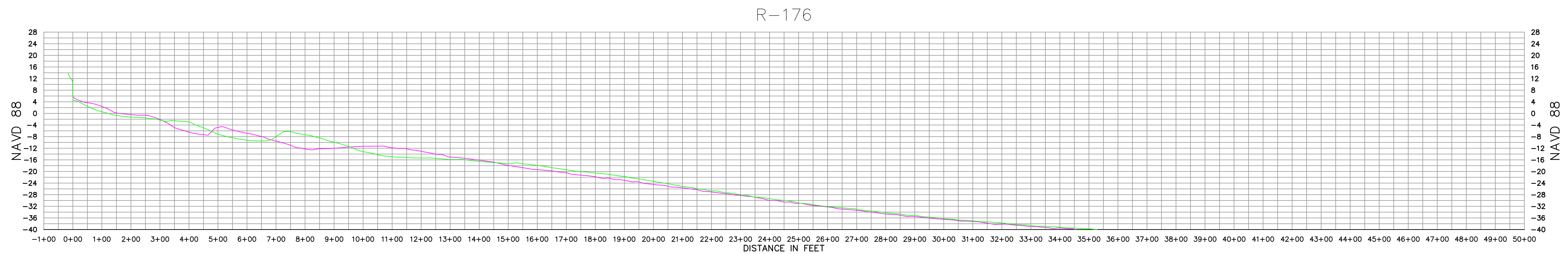


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 Morgan & Eklund Inc. PROFESSIONAL SURVEY CONSULTANTS	4909 US HIGHWAY #1 VERO BEACH, FL 32967 PHONE: (772) 388-5364 FAX: (772) 388-3165	1001 NORTH AMERICA WAY SUITE 211 MIAMI, FL 33132 PHONE: (305) 364-5158	LB #4298	PROFILES (NAVD 88) TOPOGRAPHIC AND HYDROGRAPHIC SURVEY 2022 VOLUSIA BEACH MONITORING FDEP BEACH PROFILE LINES R-0 THROUGH R-208 VOLUSIA COUNTY, FLORIDA FOR TAYLOR ENGINEERING, INC.	COMMISSION NO. 35329-7
					SCALE AS SHOWN
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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

COMMISSION NO.
35329-7

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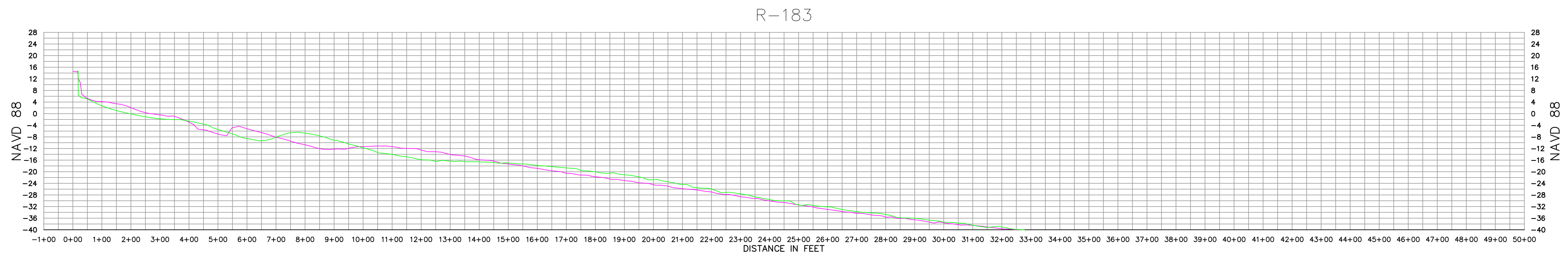
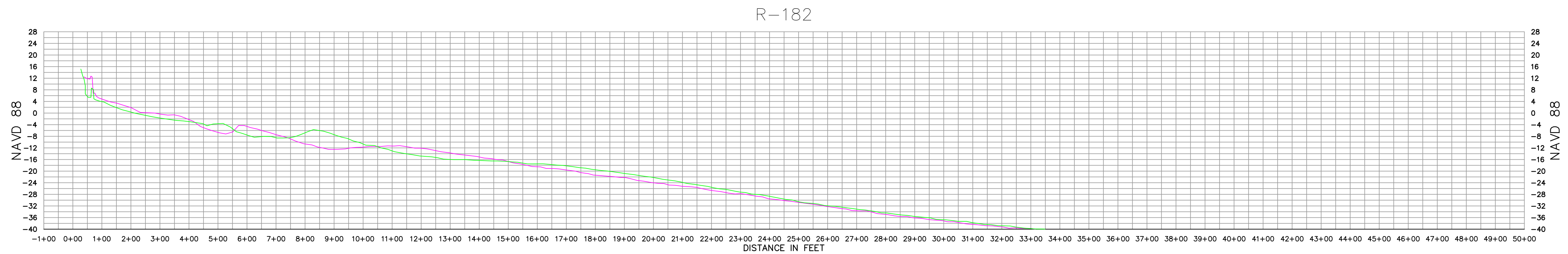
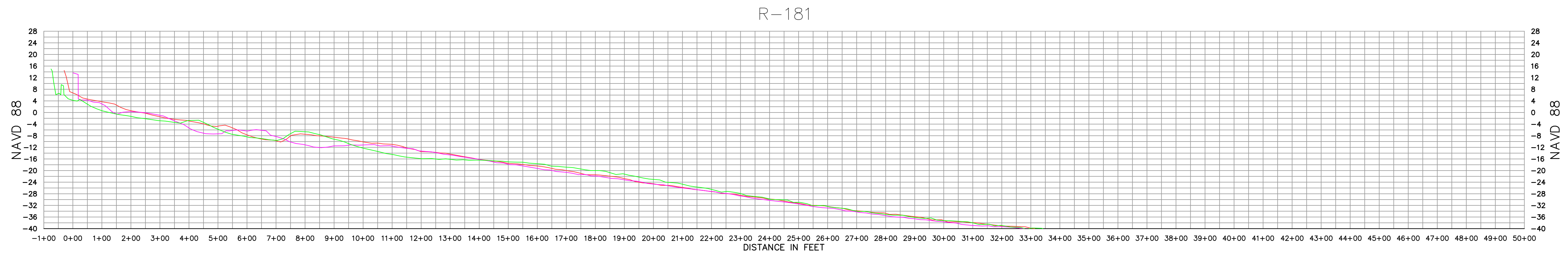
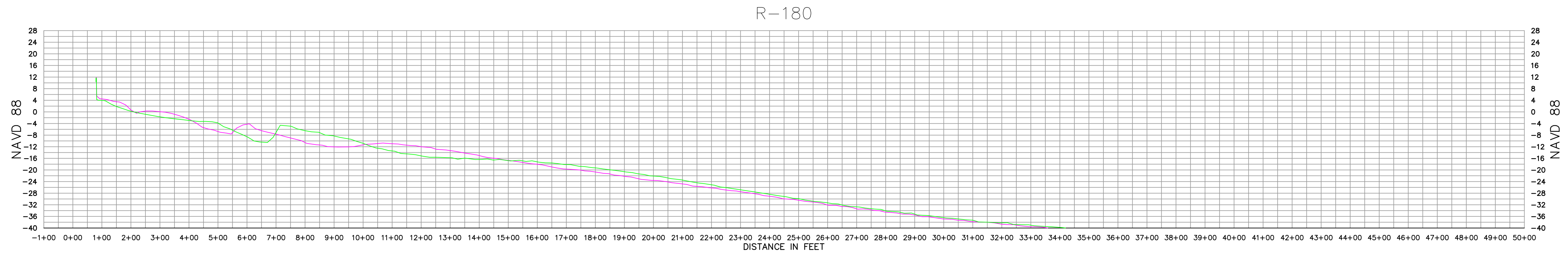
SHEET 78 OF 8

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0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND
— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019



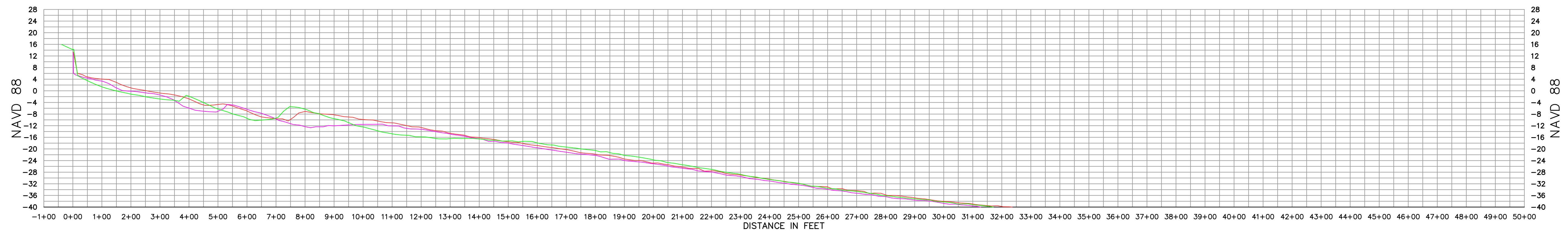
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VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

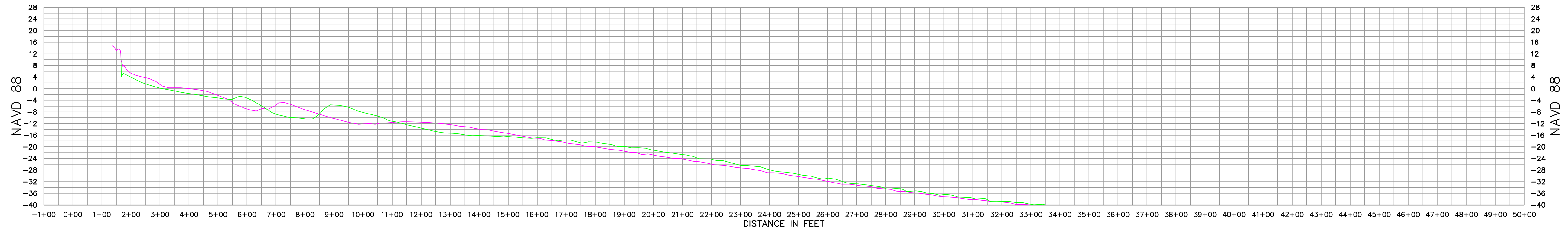
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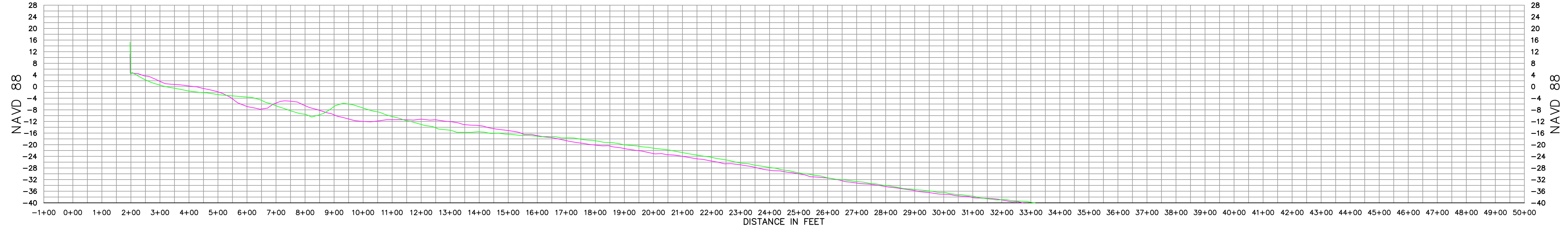
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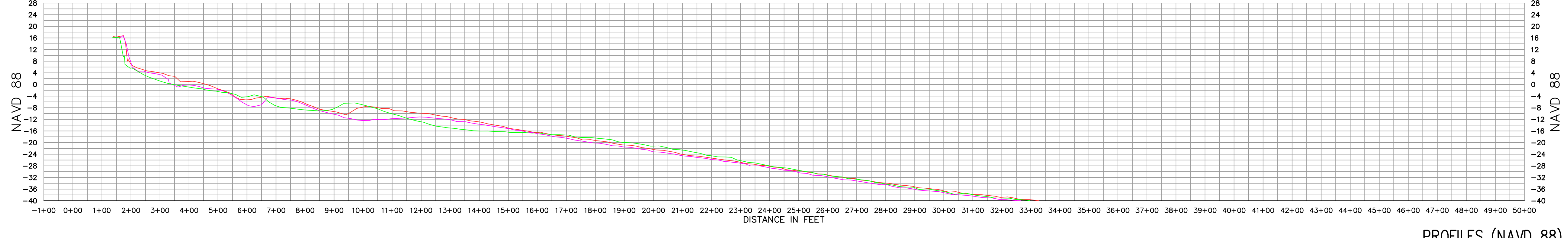
R-185



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2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

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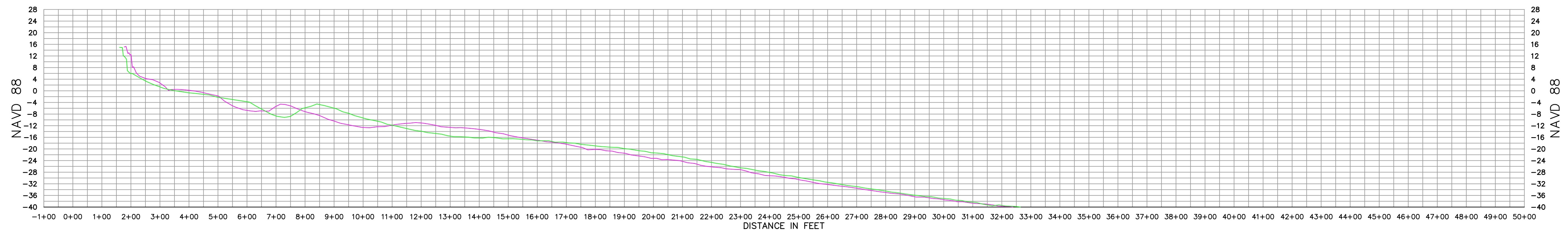
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DATE
11/2/23

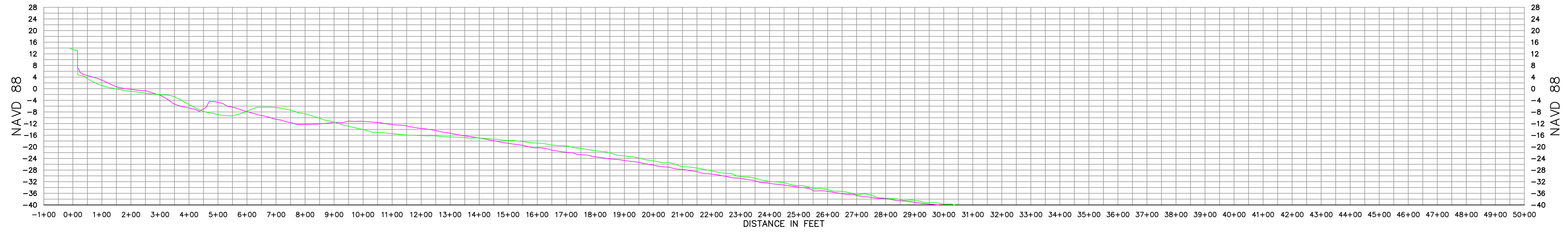
SHEET 80 OF 86

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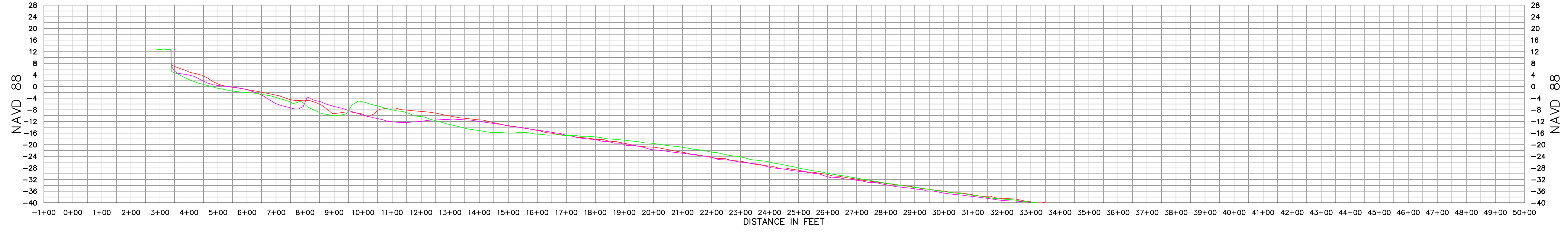
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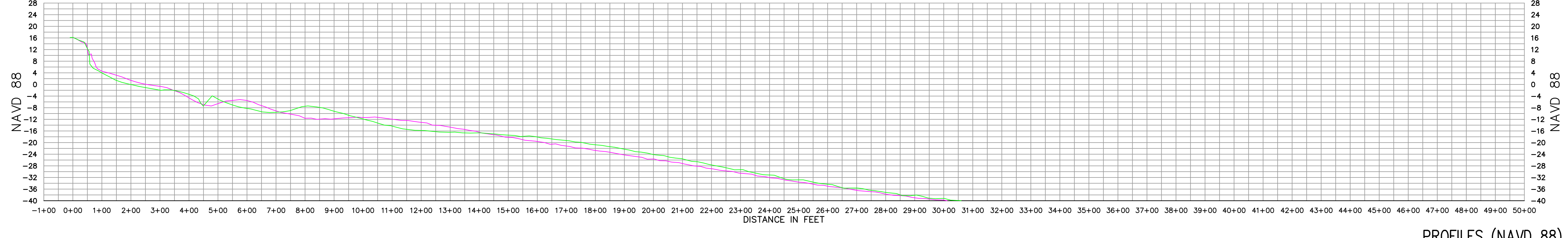
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R-190

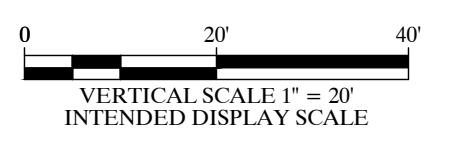
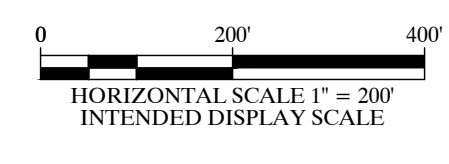


R-191



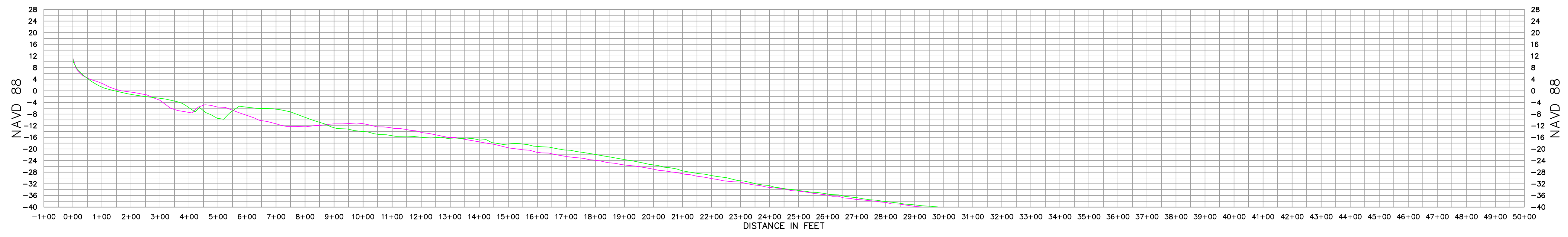
LEGEND

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	SEPTEMBER 2022
	JULY 2019

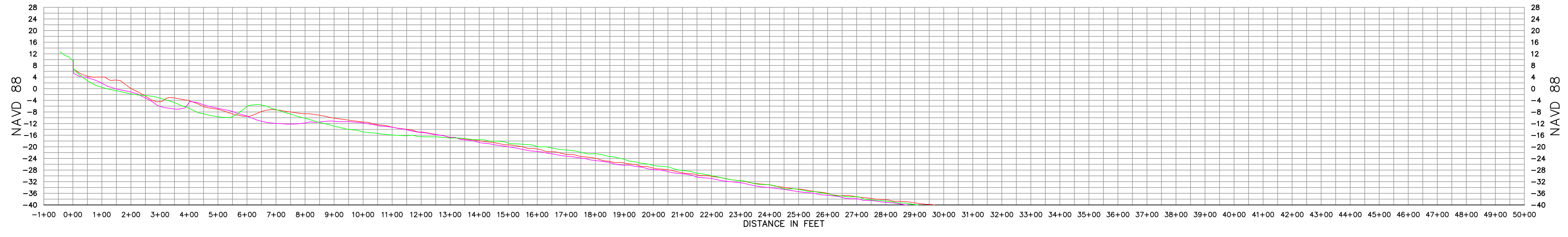


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		TOPOGRAPHIC AND HYDROGRAPHIC SURVEY		SCALE AS SHOWN	
		2022 VOLUSIA BEACH MONITORING		DATE 11/2/23	
FDEP BEACH PROFILE LINES R-0 THROUGH R-208		VOLUSIA COUNTY, FLORIDA		SHEET 81 OF 86	
FOR TAYLOR ENGINEERING, INC.		DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER
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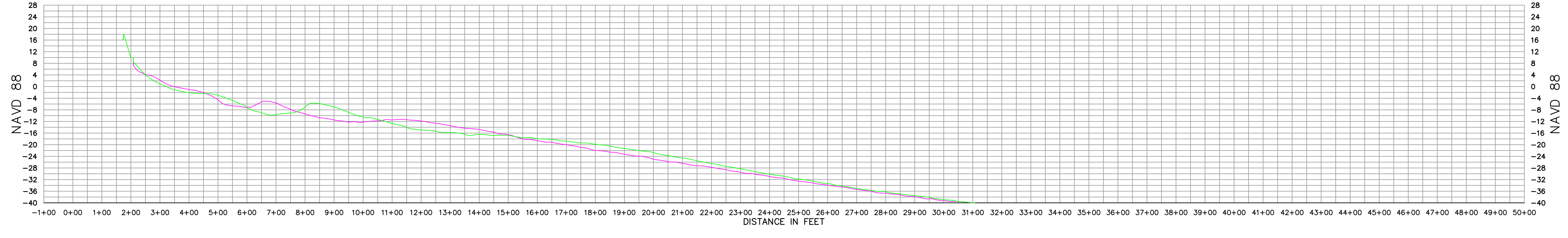
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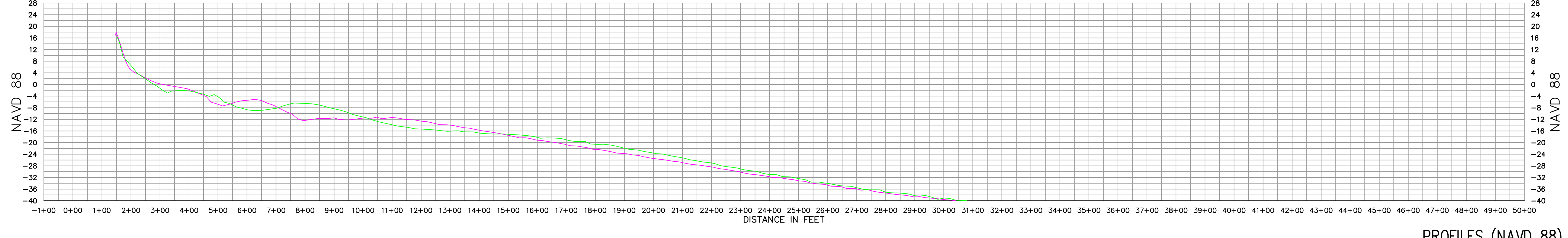
R-193



R-194



R-195



LEGEND
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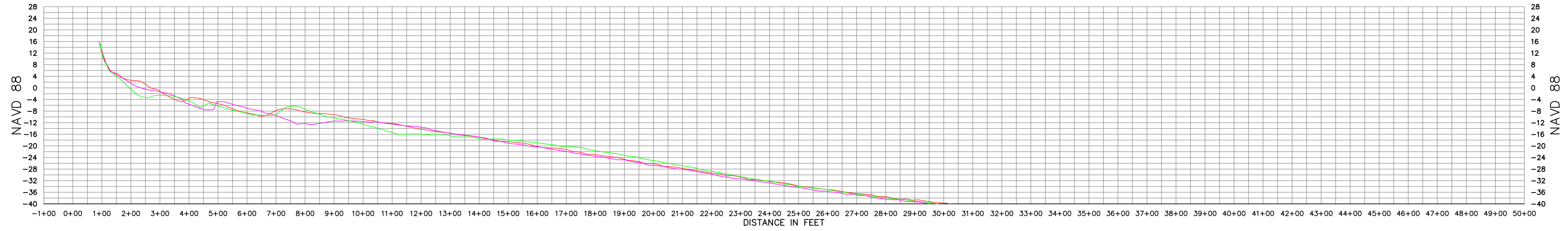
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LB #4298

PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

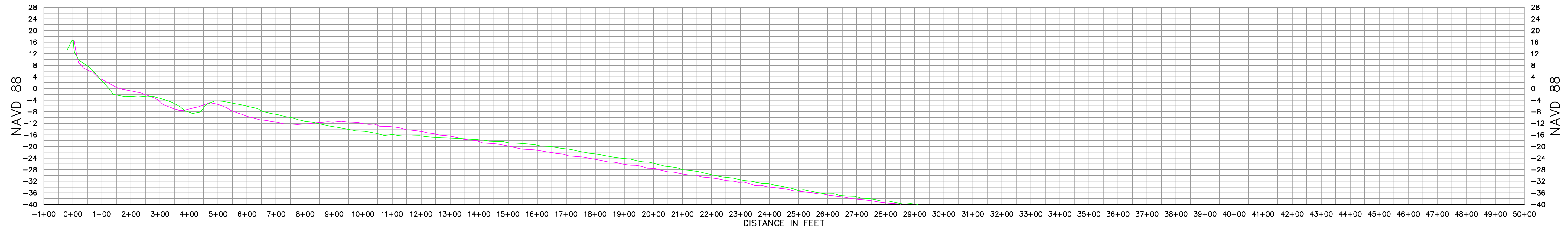
DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23	COMMISSION NO. 35329-7 SCALE AS SHOWN DATE 11/2/23 SHEET 82 OF 86
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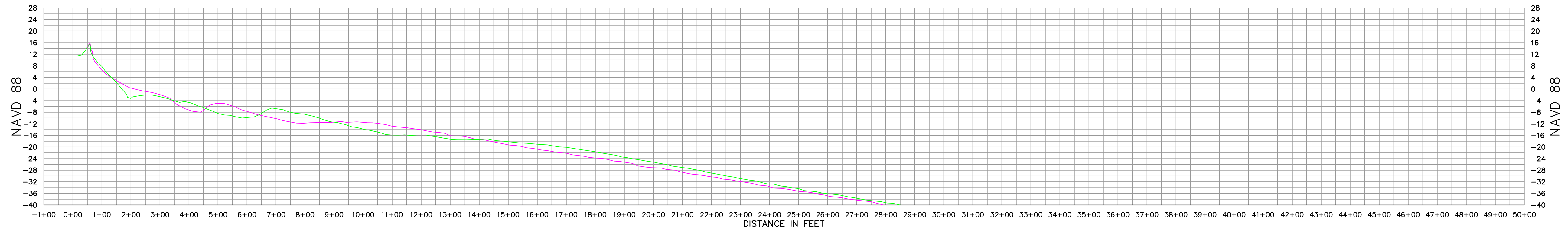
T-196



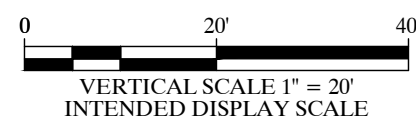
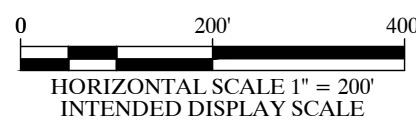
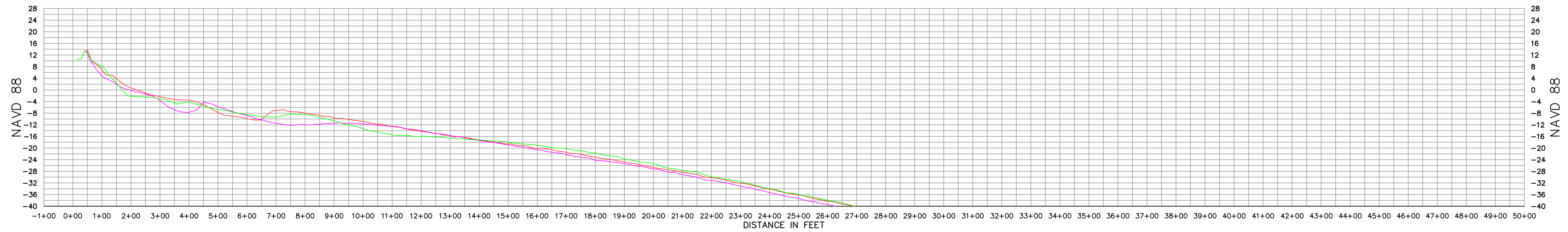
T-197



R-198



R-199



LEGEND	
—	SEPTEMBER 2023
—	SEPTEMBER 2022
—	JULY 2019



Morgan & Eklund Inc.

PROFESSIONAL SURVEY CONSULTANTS

4909 US HIGHWAY #1
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1001 NORTH AMERICA WAY
SUITE 211
MIAMI, FL 33132
PHONE: (305) 364-5158
LB #4298

PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY

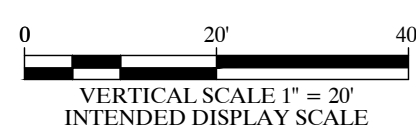
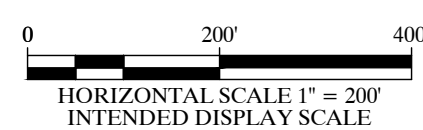
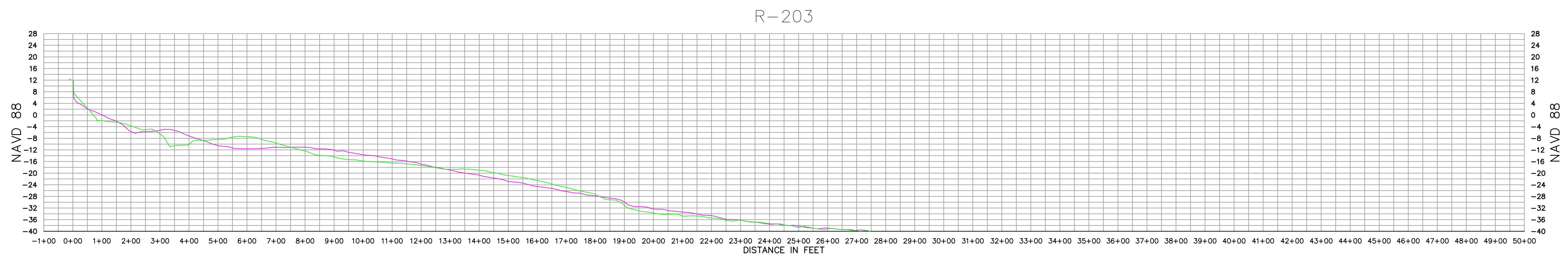
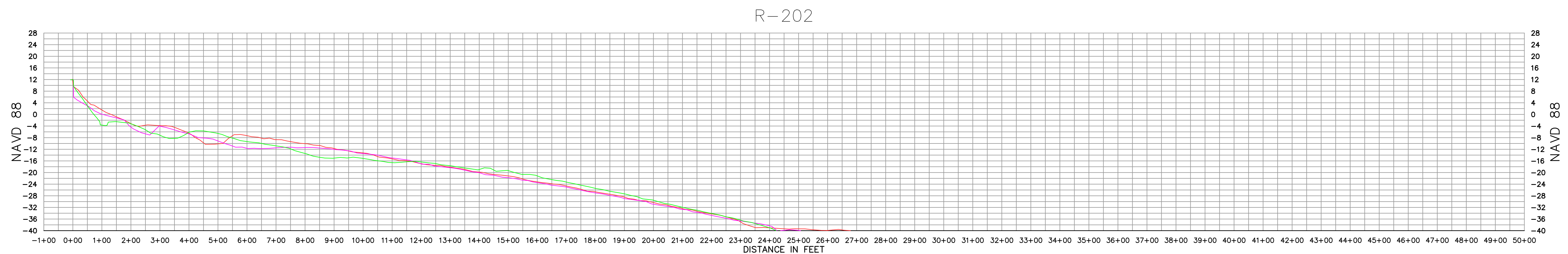
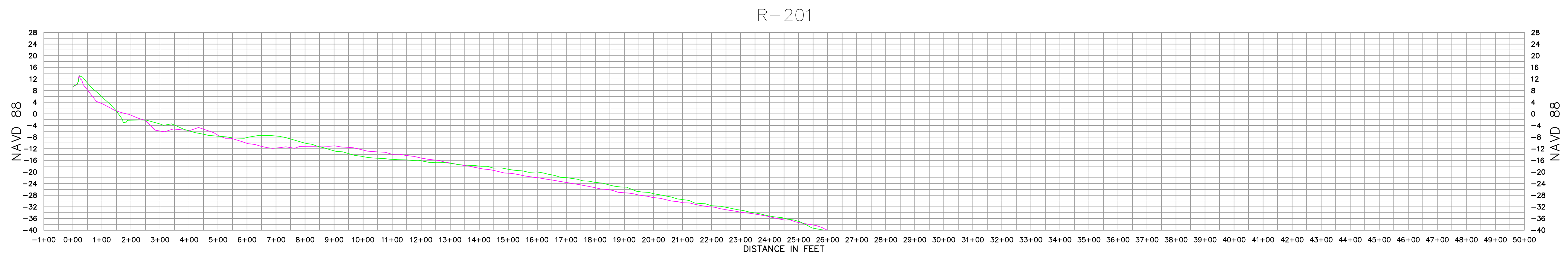
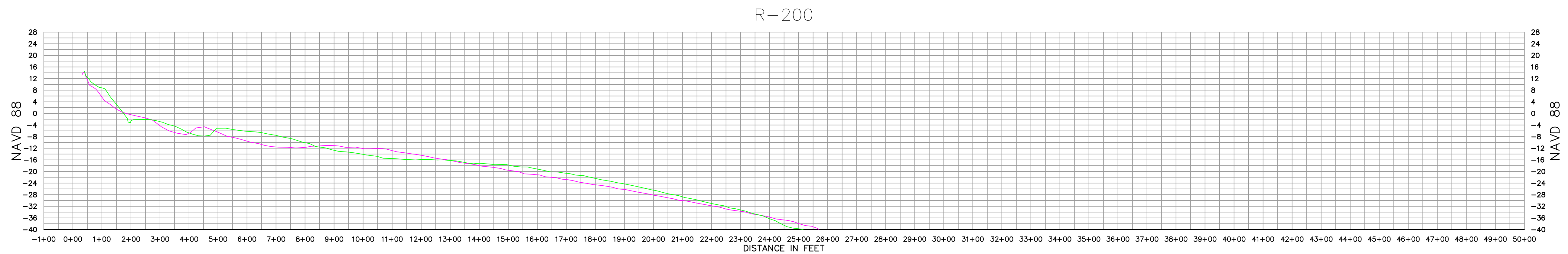
2022 VOLUSIA BEACH MONITORING

FDEP BEACH PROFILE LINES R-0 THROUGH R-208

VOLUSIA COUNTY, FLORIDA

FOR TAYLOR ENGINEERING, INC.

COMMISSION NO. 35329-7	
SCALE AS SHOWN	
DATE 11/2/23	
DRAWN BY LFP	CHECKED BY DWC
FIELD BOOK PAGE NO.	SEE COVER
DATE OF SURVEY 10/21/23	
SHEET 83 OF 86	



LEGEND

SEPTEMBER 2023
SEPTEMBER 2022
JULY 2019



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TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

COMMISSION NO.
35329-7

SCALE
AS SHOWN

DATE
11/2/23

SHEET 84 OF 85

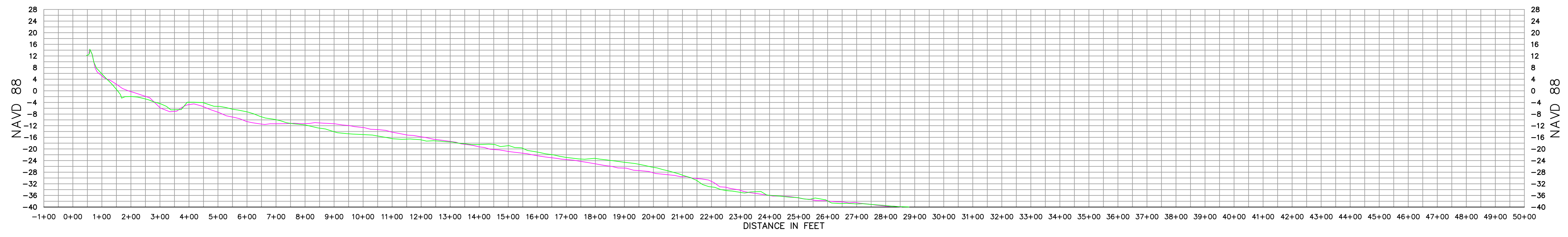
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CHECKED BY
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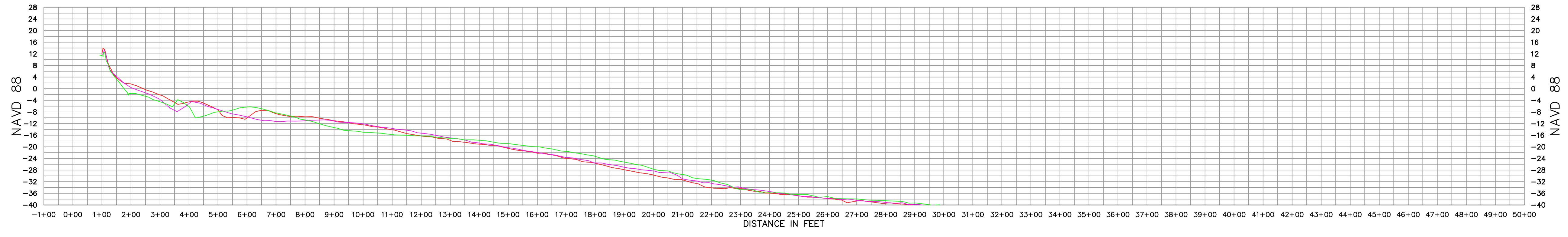
FIELD BOOK	SEE
PAGE NO.	COVER

DATE OF SURVEY
10/21/23

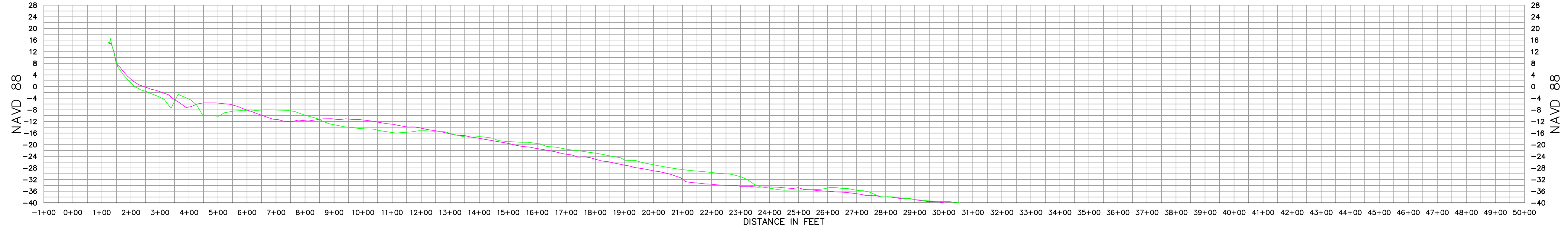
R-204



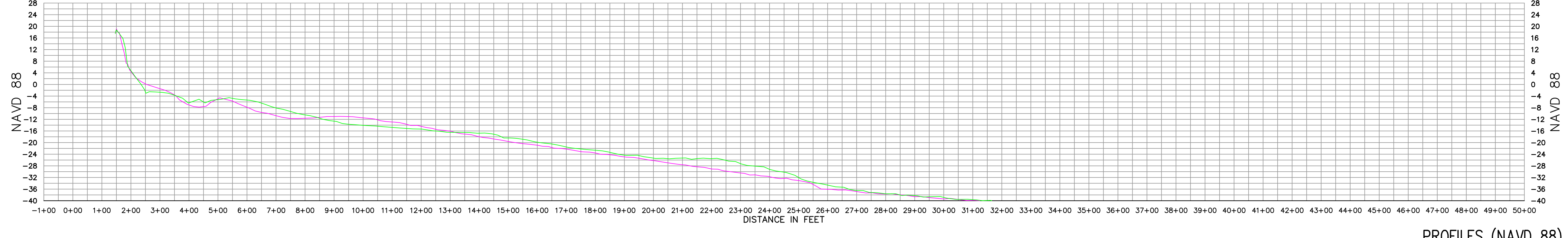
R-205



R-206



R-207



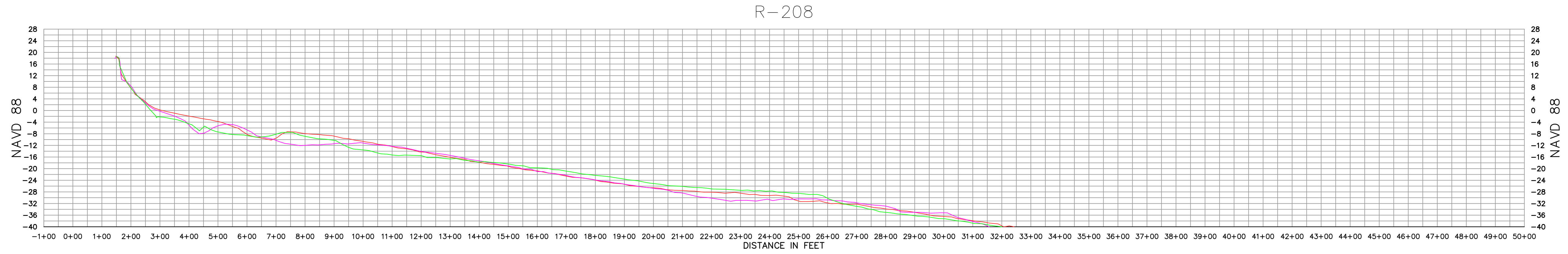
LEGEND	
—	SEPTEMBER 2023
—	SEPTEMBER 2022
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PROFILES (NAVD 88)
TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

DRAWN BY LFP	CHECKED BY DWC	FIELD BOOK PAGE NO.	SEE COVER	DATE OF SURVEY 10/21/23	COMMISSION NO. 35329-7 SCALE AS SHOWN DATE 11/2/23 SHEET 85 OF 86
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DISTANCE IN FEET

DISTANCE IN FEET

DISTANCE IN FEET

0 200' 400'
HORIZONTAL SCALE 1" = 200'
INTENDED DISPLAY SCALE

0 20' 40'
VERTICAL SCALE 1" = 20'
INTENDED DISPLAY SCALE

LEGEND

— SEPTEMBER 2023
— SEPTEMBER 2022
— JULY 2019



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PROFILES (NAVD 88)

TOPOGRAPHIC AND HYDROGRAPHIC SURVEY
2022 VOLUSIA BEACH MONITORING
FDEP BEACH PROFILE LINES R-0 THROUGH R-208
VOLUSIA COUNTY, FLORIDA
FOR TAYLOR ENGINEERING, INC.

COMMISSION NO.
35329-7

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DATE
11/2/23

DRAWN BY
LFP

CHECKED BY
DWC

FIELD BOOK SEE
PAGE NO. COVER

DATE OF SURVEY
10/21/23

SHEET 86 OF 86

Section 2

ASCII FDEP Format File

2023 VOLUSIA COUNTY BEACH ONSHORE\OFFSHORE PROFILES, R0 THRU R208 NAD 83\90, NAVD 88

R-000 1972 1851624.25 623472.03 60.00 16.00

10OCT23 21OCT23 147 00 17 130

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372.52	-6.83	394.32	-6.77	414.63	-6.52	436.76	-5.00	457.58	-4.45
480.98	-5.41	501.29	-6.28	521.64	-7.01	548.26	-7.68	570.92	-8.64
595.13	-9.59	618.60	-10.27	642.79	-10.99	666.41	-11.53	686.54	-12.21
712.95	-12.64	735.94	-13.18	756.18	-13.08	776.41	-13.34	799.30	-13.74
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10OCT23 21OCT23 148 00 21 127

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061.00	8.00	085.00	4.80	108.00	2.00	129.00	-0.90	145.00	-3.00
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1300.60	-18.31	1329.54	-18.62	1350.14	-18.95	1376.09	-18.91	1396.38	-19.36
1417.75	-19.83	1438.18	-20.17	1468.93	-20.24	1490.08	-20.96	1516.86	-21.00
1538.54	-21.51	1570.64	-21.91	1590.89	-22.08	1611.14	-22.94	1637.54	-22.94
1658.00	-23.04	1680.42	-23.45	1701.74	-23.91	1721.78	-24.47	1762.10	-24.85
1795.74	-25.67	1816.16	-26.01	1844.16	-26.02	1865.88	-26.79	1897.28	-26.98
1918.16	-27.40	1942.84	-27.59	1980.34	-28.46	2000.94	-28.90	2022.75	-28.83
2048.66	-29.14	2070.24	-29.70	2096.51	-30.04	2117.57	-30.43	2144.10	-30.49
2175.63	-31.33	2208.32	-31.82	2241.14	-32.08	2262.26	-32.66	2289.82	-32.93
2322.61	-33.03	2343.18	-33.73	2376.14	-33.77	2403.36	-34.64	2434.22	-34.92
2468.59	-34.86	2490.03	-35.57	2516.88	-35.69	2540.03	-36.10	2570.29	-37.27
2596.15	-36.30	2620.00	-37.06	2641.51	-37.21	2668.26	-37.30	2689.28	-37.64
2710.65	-37.76	2734.92	-38.22	2757.91	-38.43	2781.83	-38.55	2819.87	-39.87
2844.43	-39.11	2865.61	-39.65	2893.50	-39.75	2925.41	-40.06	2946.64	-40.03
2981.74	-40.54	3001.86	-41.06	3032.52	-40.71	3055.68	-40.86	3076.84	-41.15
3105.01	-41.26	3127.27	-41.42	3156.58	-41.82	3195.60	-41.70	3216.50	-41.90
3244.10	-41.87	3270.01	-42.41	3292.84	-42.21	3314.09	-42.41	3334.25	-42.23
3359.30	-42.44	3381.16	-42.92	3402.20	-42.50	3430.50	-42.60	3454.23	-42.31
3476.14	-42.57								

R-004	1972	1848884.50	624647.93	60.00	21.63
	10OCT23	21OCT23	153 00 29 124		

-025.78	16.04	-020.79	16.61	-014.83	17.56	-008.81	18.43	-008.41	18.30
-007.90	18.69	-001.76	14.58	003.44	11.16	015.56	10.36	020.00	10.20
040.00	8.00	055.00	7.90	072.00	6.10	090.00	4.30	110.00	1.30
129.00	-0.50	149.00	-2.30	172.00	-4.10	197.00	-5.10	220.00	-4.20
230.00	-2.90	254.00	-2.90	279.00	-3.40	301.00	-3.50	326.00	-3.90
342.00	-3.90	366.00	-4.80	386.00	-5.30	405.00	-5.80	424.82	-5.36
444.95	-6.08	465.25	-6.69	485.70	-7.35	505.99	-8.18	526.68	-8.96
547.56	-9.60	568.66	-10.11	590.24	-10.50	619.20	-10.69	642.73	-11.26
669.17	-11.54	693.02	-11.99	713.29	-13.10	733.29	-13.52	760.07	-13.82
780.62	-14.09	805.94	-14.33	841.15	-14.43	862.31	-13.53	898.24	-13.49
932.94	-14.13	969.50	-14.39	989.84	-14.70	1018.44	-15.32	1038.47	-15.59
1058.82	-15.28	1079.17	-16.53	1106.11	-16.56	1129.32	-16.99	1157.58	-17.01
1184.52	-16.93	1221.51	-17.62	1245.32	-17.87	1272.47	-18.19	1297.44	-18.13
1328.55	-18.68	1351.26	-19.19	1376.59	-19.19	1397.89	-19.30	1419.06	-19.55
1439.29	-20.13	1462.31	-20.72	1502.37	-20.83	1522.55	-21.10	1542.85	-21.65

1564.41	-22.07	1590.83	-22.35	1625.00	-22.69	1648.36	-23.19	1682.76	-23.45
1703.03	-23.89	1726.34	-24.19	1749.13	-24.86	1770.00	-25.29	1797.28	-25.38
1817.59	-25.58	1839.78	-25.94	1860.82	-26.35	1881.26	-26.63	1901.70	-27.26
1921.92	-27.55	1955.34	-27.78	1977.48	-27.88	2003.20	-28.58	2027.87	-29.02
2050.27	-29.40	2072.22	-29.62	2092.49	-29.89	2113.20	-30.53	2147.13	-30.62
2167.92	-31.01	2188.16	-31.45	2208.41	-31.53	2230.10	-31.91	2260.24	-32.41
2283.40	-33.12	2318.24	-33.31	2344.02	-33.86	2382.83	-34.17	2404.33	-34.32
2434.66	-34.87	2463.02	-35.22	2486.70	-36.08	2526.34	-36.17	2549.76	-37.09
2571.96	-36.79	2599.78	-36.96	2620.20	-37.08	2640.52	-37.55	2660.66	-37.74
2689.63	-38.50	2715.53	-38.69	2745.12	-38.70	2768.62	-38.69	2789.64	-39.13
2827.40	-39.33	2848.26	-39.74	2874.70	-40.55	2900.16	-40.07	2927.03	-40.27
2954.90	-40.52	2976.29	-41.00	3013.40	-41.27	3044.38	-41.65	3082.32	-41.55
3109.75	-41.91	3134.78	-42.15	3162.52	-42.40	3189.60	-42.49	3214.80	-42.76
3252.91	-42.82	3284.12	-42.85	3304.44	-43.02	3324.72	-43.24	3348.63	-43.24
3370.28	-43.15	3390.62	-43.36	3413.06	-43.93	3439.97	-44.00	3463.38	-44.13
3486.55	-44.20	3521.12	-44.28	3546.66	-44.04				
R-005	1972	1848007.39	624997.76	60.00	20.19				
	10OCT23	21OCT23	152 00	17 135					

-004.84	20.29	-000.16	20.05	002.58	16.02	008.49	13.83	013.83	12.18
028.20	10.10	038.00	7.80	058.00	6.60	080.00	5.70	102.00	3.70
125.00	0.90	145.00	-1.30	168.00	-2.30	193.00	-2.90	218.00	-3.80
242.00	-4.60	266.00	-4.60	300.90	-4.95	323.27	-5.44	343.78	-5.77
371.52	-6.04	395.56	-6.59	416.21	-7.39	439.47	-7.70	469.38	-7.96
489.98	-6.96	512.76	-6.19	534.05	-6.34	555.26	-6.83	594.86	-8.07
617.70	-9.01	638.04	-9.79	658.06	-10.39	678.14	-11.04	698.47	-11.98
722.70	-12.82	744.19	-13.56	775.07	-13.51	797.22	-13.67	822.18	-13.94
842.44	-13.71	862.84	-14.22	883.15	-14.14	909.63	-14.88	932.32	-15.14
952.43	-15.52	973.02	-16.03	996.56	-16.49	1018.78	-16.11	1042.97	-15.82
1071.18	-15.81	1091.56	-16.08	1123.78	-15.57	1144.23	-15.96	1169.57	-16.29
1191.62	-16.19	1221.71	-16.57	1258.86	-16.96	1279.65	-17.68	1304.51	-17.86
1326.35	-18.09	1348.98	-18.57	1369.21	-19.14	1404.73	-19.25	1428.46	-19.59
1450.34	-20.07	1493.66	-20.53	1513.87	-21.16	1534.36	-21.27	1560.98	-21.50
1581.57	-21.87	1601.98	-22.21	1622.74	-22.69	1656.94	-22.90	1678.02	-23.16
1698.38	-23.74	1720.03	-23.93	1740.18	-24.59	1762.78	-24.49	1783.11	-24.97
1803.34	-25.39	1838.66	-26.11	1871.34	-26.20	1892.62	-26.74	1922.38	-26.90
1942.60	-27.12	1981.46	-27.96	2002.10	-28.46	2038.75	-28.80	2062.18	-29.16
2083.07	-29.73	2105.62	-29.83	2133.78	-30.35	2160.39	-30.56	2180.76	-30.97

2202.56	-31.28	2224.73	-31.36	2245.96	-31.83	2266.36	-32.18	2302.94	-32.69
2325.26	-32.83	2347.04	-33.21	2367.28	-33.85	2387.67	-34.13	2428.65	-34.31
2449.48	-34.86	2470.44	-34.85	2490.86	-35.51	2519.84	-35.69	2554.72	-35.97
2575.06	-36.34	2603.85	-36.84	2624.97	-36.81	2654.50	-37.33	2675.36	-37.51
2695.95	-37.79	2717.07	-38.07	2740.81	-39.12	2765.29	-39.04	2796.64	-39.17
2823.82	-39.64	2845.80	-39.27	2870.94	-39.83	2910.82	-40.61	2932.19	-40.22
2968.76	-40.42	2989.10	-41.06	3019.53	-40.71	3041.22	-41.12	3061.66	-42.22
3082.23	-41.35	3103.33	-41.54	3135.04	-42.61	3156.06	-42.07	3181.62	-42.23
3203.21	-42.02	3225.16	-43.01	3247.52	-42.39	3276.74	-43.03	3305.72	-43.30
3326.15	-43.12	3348.02	-42.82	3368.11	-43.40	3392.16	-43.91	3430.92	-43.61
3452.67	-44.41	3485.02	-43.97	3512.74	-44.74	3550.26	-43.95	3573.53	-44.30
3594.19	-44.48	3628.46	-44.56						

R-006	1972	1847108.43	625354.50	60.00	18.21
	10OCT23	21OCT23	150 00 22 128		

-026.99	17.08	-022.71	17.75	-012.76	17.86	000.11	18.43	005.32	18.21
013.15	13.33	020.87	11.69	027.78	11.17	030.00	9.80	046.00	8.20
065.00	5.80	090.00	3.60	115.00	1.40	136.00	-0.50	157.00	-3.50
182.00	-5.80	209.00	-6.30	236.00	-6.60	260.00	-6.80	281.00	-6.80
300.00	-7.00	323.00	-6.80	340.95	-6.78	361.17	-6.42	381.21	-5.58
402.34	-4.65	439.24	-4.76	460.48	-5.04	481.74	-6.03	505.80	-6.99
527.65	-6.97	549.51	-7.75	570.92	-8.89	590.95	-9.63	628.55	-10.58
648.56	-10.98	670.63	-11.45	691.01	-12.18	723.28	-12.75	752.86	-13.30
773.78	-14.10	795.92	-13.93	822.60	-14.26	844.24	-14.88	868.74	-14.29
889.82	-15.40	909.98	-14.67	935.14	-15.09	973.85	-15.19	993.94	-16.15
1030.28	-16.27	1055.12	-16.46	1081.60	-15.85	1102.98	-16.25	1123.22	-16.51
1149.49	-16.87	1179.84	-17.02	1205.08	-17.65	1233.82	-17.04	1267.94	-17.39
1295.08	-18.42	1321.46	-18.31	1348.30	-18.79	1368.80	-18.87	1392.62	-19.32
1412.71	-19.21	1452.07	-19.97	1478.28	-20.32	1504.90	-20.67	1529.25	-21.14
1554.52	-21.18	1574.60	-21.62	1595.37	-22.04	1633.74	-22.40	1671.68	-22.98
1691.70	-23.29	1711.99	-23.82	1736.91	-24.03	1757.15	-24.13	1777.43	-24.80
1805.11	-25.31	1833.40	-26.12	1857.34	-26.23	1888.11	-26.60	1915.20	-27.19
1946.10	-27.38	1968.08	-28.13	1990.17	-28.46	2012.06	-28.41	2032.55	-28.63
2054.00	-29.16	2078.21	-29.54	2103.02	-29.88	2125.91	-30.58	2151.96	-30.95
2191.80	-31.40	2218.22	-31.63	2239.53	-31.94	2277.26	-32.33	2303.22	-32.86
2337.08	-33.40	2361.51	-34.11	2387.75	-34.43	2408.44	-34.21	2428.65	-34.75
2451.98	-34.94	2477.55	-35.52	2505.36	-36.12	2536.81	-36.12	2572.51	-36.42
2603.62	-36.76	2624.08	-37.11	2654.02	-37.51	2681.10	-38.22	2706.02	-38.79

2729.38	-39.63	2749.72	-39.21	2776.43	-39.37	2797.92	-39.35	2826.15	-39.44
2858.32	-40.23	2889.24	-40.77	2912.21	-40.87	2934.18	-41.05	2963.24	-41.39
2998.42	-41.40	3028.73	-41.71	3049.61	-41.31	3070.00	-42.03	3090.61	-41.75
3111.03	-42.15	3144.40	-42.38	3171.14	-42.47	3208.97	-42.88	3233.37	-42.89
3267.18	-43.02	3289.86	-43.51	3315.40	-43.86	3350.10	-43.89	3379.37	-44.13
3418.16	-44.60	3440.80	-44.06	3477.69	-44.28	3502.34	-44.83	3525.11	-44.71
3548.00	-44.69	3572.55	-44.61	3592.94	-45.20	3617.34	-45.38	3637.74	-44.81
R-007	1972	1846216.78	625704.18	60.00	19.07				
	11OCT23	21OCT23	144 00	18 128					

-024.41	18.43	-017.00	18.70	-000.41	19.17	006.79	19.13	010.45	16.15
023.85	12.68	030.00	11.90	045.00	8.80	067.00	7.40	089.00	5.20
113.00	2.80	133.00	1.50	155.00	0.40	180.00	-0.80	204.00	-2.30
222.00	-3.00	242.00	-4.20	267.00	-5.70	275.02	-5.68	296.36	-5.88
316.76	-6.42	338.14	-6.31	358.65	-4.92	393.14	-3.93	418.09	-4.12
438.54	-4.38	470.18	-4.72	491.02	-5.28	513.58	-5.89	534.12	-6.52
554.56	-7.17	583.03	-8.06	603.54	-8.86	624.04	-9.61	652.65	-10.35
691.27	-11.32	712.40	-12.02	743.20	-12.53	765.67	-13.00	789.83	-13.39
813.78	-13.63	838.39	-13.89	868.95	-14.17	892.32	-14.60	917.26	-14.89
956.18	-14.82	992.05	-15.18	1020.84	-15.25	1047.62	-15.71	1085.07	-15.54
1113.60	-15.62	1141.55	-15.87	1178.99	-16.06	1200.07	-16.51	1233.73	-16.45
1255.17	-16.75	1275.97	-17.45	1298.42	-17.52	1320.57	-18.21	1343.56	-17.50
1376.84	-18.43	1397.80	-18.85	1417.84	-19.38	1441.78	-19.27	1473.08	-19.53
1494.34	-20.40	1514.77	-20.26	1535.00	-20.84	1572.94	-21.13	1608.84	-21.70
1630.04	-22.48	1651.43	-22.51	1686.29	-22.77	1707.28	-23.49	1730.78	-23.43
1755.61	-24.18	1778.14	-24.15	1800.90	-24.98	1824.14	-24.82	1861.55	-25.79
1892.48	-26.03	1921.60	-26.33	1948.73	-27.08	1984.33	-27.47	2004.78	-27.51
2027.01	-28.31	2054.68	-28.54	2074.98	-28.81	2097.48	-29.05	2119.90	-29.80
2143.38	-30.18	2181.56	-30.31	2205.37	-30.94	2245.36	-31.60	2265.56	-31.84
2285.68	-32.18	2315.21	-32.54	2340.44	-33.08	2367.45	-33.66	2387.96	-34.30
2411.63	-34.72	2450.98	-34.67	2471.62	-35.71	2492.29	-35.87	2522.35	-36.09
2543.47	-36.75	2565.56	-37.55	2586.42	-37.10	2606.85	-37.78	2636.33	-38.57
2672.12	-38.70	2692.53	-39.93	2730.48	-39.93	2752.62	-40.58	2776.05	-41.31
2799.49	-41.03	2820.04	-41.88	2852.59	-41.66	2889.42	-42.38	2917.54	-42.42
2938.99	-42.76	2977.46	-43.41	3008.44	-43.36	3045.81	-43.65	3072.16	-43.47
3098.00	-43.59	3118.07	-43.61	3140.45	-43.16	3167.67	-44.04	3192.83	-43.83
3216.18	-44.35	3250.61	-44.03	3278.96	-44.38	3301.18	-44.30	3321.73	-43.83
3343.30	-44.16	3364.20	-44.74	3390.16	-44.29	3429.16	-44.75	3450.14	-45.03

3489.77 -44.46 3514.96 -45.32 3535.95 -44.66 3559.66 -44.53
R-008 1972 1845329.05 626049.58 60.00 19.10
11OCT23 21OCT23 151 00 20 131

-017.91 17.35 -013.11 17.82 000.81 19.27 011.24 17.93 021.58 16.79
024.15 14.71 038.07 11.47 047.35 10.93 064.00 8.20 088.00 5.40
116.00 2.60 140.00 0.30 155.00 -1.60 180.00 -4.40 198.00 -4.70
215.00 -4.80 240.00 -6.10 265.00 -6.40 287.00 -6.60 307.58 -7.10
328.35 -7.16 351.03 -6.81 371.63 -4.24 410.18 -3.40 430.32 -4.16
451.43 -4.96 472.66 -6.30 495.14 -6.52 533.39 -7.26 554.02 -8.07
576.01 -8.65 597.63 -9.11 628.86 -9.95 648.99 -10.82 671.01 -11.13
693.50 -11.74 713.67 -12.99 746.90 -13.14 771.19 -12.92 791.21 -13.44
825.15 -13.88 848.48 -13.81 880.04 -14.26 901.67 -14.52 922.02 -14.67
944.84 -15.10 966.10 -15.17 987.16 -14.95 1013.33 -15.44 1036.39 -16.06
1056.79 -15.62 1078.73 -15.71 1100.45 -15.85 1122.97 -16.23 1150.57 -16.19
1174.32 -16.41 1200.61 -17.06 1231.04 -17.44 1266.91 -17.10 1287.10 -17.60
1307.52 -17.92 1345.96 -18.22 1369.58 -18.36 1394.35 -18.67 1418.36 -19.05
1449.29 -19.54 1471.53 -20.12 1501.32 -20.48 1521.46 -20.59 1541.80 -21.19
1571.18 -21.68 1598.75 -22.46 1627.03 -22.87 1651.36 -22.87 1678.50 -23.24
1700.54 -23.63 1720.83 -23.88 1745.27 -24.11 1765.87 -24.37 1786.48 -25.20
1809.90 -25.49 1847.96 -25.73 1869.04 -26.09 1893.38 -26.55 1915.90 -27.19
1943.36 -27.62 1964.85 -27.36 1985.18 -27.91 2007.33 -28.44 2047.09 -28.86
2068.73 -29.20 2094.32 -29.81 2118.22 -30.18 2139.22 -29.91 2159.69 -30.33
2181.88 -30.81 2214.45 -31.08 2235.62 -31.03 2255.63 -31.58 2282.04 -32.02
2309.49 -32.58 2336.60 -32.48 2375.71 -32.91 2413.18 -33.73 2434.25 -35.18
2454.63 -35.47 2481.04 -35.41 2512.81 -34.76 2533.06 -34.92 2556.66 -34.79
2578.24 -34.63 2598.60 -34.71 2618.64 -34.32 2642.89 -34.51 2668.67 -34.32
2704.76 -34.80 2725.53 -35.16 2747.39 -35.66 2771.86 -36.42 2800.80 -37.19
2830.10 -37.55 2850.70 -37.15 2871.07 -37.57 2891.97 -37.47 2912.79 -38.19
2933.72 -39.10 2973.05 -40.16 3000.03 -40.79 3025.51 -41.10 3053.46 -41.08
3074.65 -40.82 3095.15 -41.19 3116.71 -41.36 3136.90 -41.85 3159.77 -42.09
3197.46 -42.19 3220.28 -42.70 3241.86 -43.02 3272.36 -42.68 3292.42 -43.10
3326.72 -43.23 3348.12 -43.54 3375.08 -44.01 3403.30 -44.03 3426.34 -43.87
3453.08 -44.24 3488.74 -44.65 3511.58 -44.29 3534.06 -44.63 3560.01 -45.16
3586.81 -44.93
R-009 1972 1844433.20 626398.04 60.00 18.85
11OCT23 21OCT23 145 00 19 126

-014.56	17.46	-009.94	18.29	003.77	19.45	011.38	20.14	017.95	19.04
022.04	13.95	031.85	11.39	045.00	10.50	062.00	8.10	080.00	7.10
105.00	4.60	130.00	2.60	155.00	0.70	180.00	-1.90	205.00	-3.30
223.00	-5.20	247.00	-5.00	268.00	-4.60	287.00	-3.90	296.90	-3.79
317.26	-4.13	354.56	-5.38	391.73	-5.95	416.32	-6.59	436.71	-7.87
459.32	-8.45	480.00	-8.03	500.33	-7.58	520.80	-6.74	559.96	-6.32
580.39	-6.82	601.46	-7.58	621.85	-8.27	642.08	-9.16	670.35	-9.98
707.26	-11.29	727.68	-12.11	747.74	-12.56	768.04	-13.88	788.20	-15.54
813.54	-15.73	841.31	-15.53	876.02	-15.56	896.30	-15.14	916.37	-14.73
951.99	-14.65	972.33	-15.14	992.62	-14.78	1018.99	-15.11	1039.34	-15.66
1069.40	-15.67	1090.84	-15.74	1129.96	-16.01	1150.57	-15.57	1171.10	-15.99
1199.02	-16.45	1237.09	-16.69	1273.31	-17.03	1295.25	-17.56	1315.70	-17.74
1343.82	-18.11	1368.47	-18.13	1391.54	-18.83	1417.40	-18.82	1441.02	-19.41
1461.46	-19.51	1495.76	-20.33	1527.61	-20.26	1548.16	-20.65	1568.27	-21.49
1590.12	-21.55	1628.40	-21.92	1655.38	-22.05	1676.10	-22.84	1710.32	-22.78
1731.09	-23.33	1754.60	-23.45	1774.66	-24.49	1804.38	-24.73	1825.08	-24.77
1846.30	-25.04	1874.63	-25.38	1894.97	-25.81	1915.44	-26.22	1965.04	-26.75
1985.73	-27.06	2006.06	-27.24	2029.17	-28.10	2061.04	-28.47	2100.26	-29.59
2138.67	-29.29	2159.67	-29.56	2182.21	-30.38	2202.68	-30.92	2227.96	-30.52
2250.26	-31.14	2270.28	-32.31	2291.50	-31.74	2323.58	-32.13	2344.42	-32.89
2365.84	-33.14	2390.01	-33.02	2412.98	-33.54	2436.80	-34.03	2473.42	-34.01
2495.04	-35.02	2522.55	-35.10	2547.00	-35.37	2568.06	-35.93	2588.23	-36.37
2616.47	-36.62	2642.40	-36.57	2662.84	-37.45	2701.99	-37.78	2731.84	-38.23
2760.02	-38.67	2785.45	-38.43	2805.98	-38.91	2839.76	-39.27	2870.06	-39.94
2908.92	-39.89	2929.64	-40.51	2968.12	-40.66	2988.86	-40.83	3015.12	-40.90
3035.56	-41.15	3059.25	-41.41	3083.34	-41.31	3103.35	-41.96	3124.01	-42.23
3145.94	-41.79	3167.53	-41.88	3188.42	-42.50	3209.43	-42.77	3231.42	-42.54
3256.27	-42.75	3278.77	-43.40	3303.04	-43.65	3333.08	-43.08	3356.38	-43.51
3386.99	-43.54	3423.58	-43.80	3448.68	-44.13	3475.23	-43.88	3498.33	-44.34
R-010	1972	1843528.73	626757.26	60.00	21.01				
	11OCT23	21OCT23	155 00	18 137					
-017.14	17.30	-008.16	18.47	000.13	20.41	006.37	19.58	008.79	16.01
020.84	11.33	035.00	10.70	043.00	10.90	049.00	9.50	065.00	7.20
081.00	5.80	102.00	2.80	125.00	0.10	143.00	-2.60	168.00	-3.90
187.00	-4.40	210.00	-4.70	235.00	-3.80	264.00	-3.20	289.00	-3.40
313.00	-3.68	333.12	-4.43	354.78	-4.60	375.70	-5.15	411.00	-5.72
431.16	-6.19	451.29	-6.81	471.66	-7.78	492.93	-8.55	518.45	-8.67

540.39	-9.36	570.14	-9.83	591.02	-10.21	612.90	-10.81	633.17	-11.17
653.25	-11.52	674.72	-11.94	695.08	-12.44	723.27	-12.57	753.92	-13.03
781.40	-13.94	819.25	-13.48	839.57	-13.94	878.34	-13.98	910.62	-13.96
931.07	-14.70	961.31	-14.76	982.60	-15.18	1004.30	-15.03	1025.60	-15.20
1046.18	-15.26	1067.18	-14.96	1098.37	-15.70	1122.80	-16.02	1146.60	-15.89
1169.19	-15.95	1195.69	-16.52	1222.25	-17.09	1257.86	-17.28	1280.34	-17.32
1301.38	-17.86	1322.94	-18.42	1345.78	-18.17	1369.76	-18.65	1408.55	-18.97
1429.59	-19.30	1453.40	-19.52	1474.53	-19.93	1504.44	-20.67	1530.35	-21.01
1550.65	-21.01	1574.48	-21.46	1605.22	-22.37	1632.84	-22.60	1659.02	-22.72
1686.35	-22.85	1708.15	-23.24	1731.16	-23.84	1766.67	-24.02	1787.05	-24.55
1807.39	-24.68	1829.07	-25.08	1849.74	-25.24	1871.20	-25.80	1894.28	-26.29
1927.29	-26.48	1955.95	-26.67	1977.22	-27.03	1999.98	-27.91	2025.08	-28.09
2052.82	-28.20	2073.52	-28.69	2100.09	-29.22	2123.98	-29.85	2159.86	-29.79
2181.14	-30.19	2217.79	-30.95	2239.77	-31.03	2278.97	-31.29	2299.01	-31.78
2320.10	-31.88	2340.72	-32.41	2361.50	-32.65	2382.63	-33.07	2404.49	-33.32
2430.29	-33.51	2455.55	-34.23	2482.46	-34.63	2508.12	-34.39	2528.99	-34.73
2550.26	-35.19	2574.91	-35.54	2598.61	-36.04	2628.79	-36.44	2662.36	-36.73
2682.62	-37.34	2709.96	-37.57	2731.93	-37.59	2761.85	-38.03	2784.42	-38.28
2807.00	-38.52	2827.17	-39.03	2854.79	-39.21	2875.54	-39.33	2896.91	-39.71
2923.01	-40.03	2946.80	-40.57	2969.60	-40.42	2998.61	-41.14	3022.95	-41.19
3059.42	-41.59	3085.02	-41.83	3108.41	-41.88	3130.52	-42.07	3168.97	-42.16
3189.34	-42.53	3215.70	-42.56	3235.78	-43.27	3260.83	-43.24	3286.21	-43.52
3311.91	-43.70	3335.54	-44.33	3370.84	-43.82	3407.99	-44.02	3433.92	-44.64
3457.91	-44.18	3480.32	-44.24	3502.51	-44.12	3524.31	-44.39	3550.61	-44.61
3570.63	-45.05	3596.51	-45.12	3624.82	-44.67	3646.50	-44.99	3667.54	-45.39
R-011	1972	1842627.11	627108.41	60.00	19.15				
	11OCT23	21OCT23	150 00	19 131					
021.83	16.56	026.47	16.71	028.02	14.02	036.29	11.47	051.51	10.80
060.00	10.30	067.00	8.80	086.00	8.90	097.00	8.60	120.00	5.00
145.00	1.50	160.00	-0.10	177.00	-1.80	202.00	-3.90	220.00	-4.90
240.00	-6.10	261.00	-6.70	285.00	-7.30	310.00	-7.30	321.88	-7.71
347.41	-7.92	367.88	-7.38	388.13	-6.98	409.85	-7.34	432.28	-6.96
452.44	-7.12	472.70	-7.49	493.26	-6.33	516.66	-5.77	562.90	-6.40
583.31	-7.12	603.84	-8.17	641.04	-9.12	663.63	-9.81	687.40	-10.65
711.99	-11.29	732.97	-11.79	753.48	-12.35	776.88	-13.15	796.96	-14.02
820.38	-15.10	844.14	-15.79	877.88	-14.28	905.80	-14.40	937.35	-14.64
959.48	-14.87	980.47	-15.15	1009.02	-15.14	1043.11	-15.73	1075.72	-15.84

1108.29	-15.69	1137.36	-15.96	1157.82	-16.44	1180.48	-16.82	1201.34	-16.32
1238.45	-17.04	1271.21	-16.74	1292.22	-16.93	1321.44	-17.43	1349.24	-18.27
1370.77	-18.54	1391.10	-18.41	1411.16	-18.72	1431.42	-19.07	1452.15	-19.32
1475.73	-19.53	1497.10	-20.15	1517.69	-20.89	1543.87	-20.54	1564.58	-20.75
1584.64	-21.26	1604.74	-21.78	1628.26	-21.53	1651.43	-21.94	1672.09	-22.85
1701.02	-22.81	1721.82	-23.34	1742.72	-23.94	1774.10	-23.90	1794.98	-24.38
1817.24	-24.65	1854.56	-25.03	1875.90	-25.30	1896.87	-25.68	1917.80	-26.45
1938.18	-26.15	1960.07	-26.33	1981.11	-26.92	2001.32	-27.79	2025.89	-27.13
2046.71	-27.71	2070.12	-28.58	2108.32	-28.90	2128.83	-29.29	2156.80	-29.50
2183.28	-29.82	2204.04	-30.09	2227.65	-30.26	2248.18	-30.71	2299.37	-31.40
2319.74	-31.52	2339.83	-32.19	2368.94	-32.17	2389.41	-32.96	2425.17	-32.81
2448.00	-33.73	2471.28	-33.55	2492.26	-33.88	2512.62	-34.18	2550.88	-34.92
2576.22	-35.32	2608.35	-35.71	2641.75	-35.96	2662.92	-36.23	2682.97	-36.59
2703.90	-36.89	2728.12	-37.49	2759.34	-37.58	2782.45	-38.36	2805.22	-38.21
2827.25	-38.77	2847.40	-39.11	2884.65	-39.35	2905.10	-39.83	2925.35	-40.78
2956.08	-40.26	2979.89	-40.69	3011.02	-41.10	3031.33	-41.40	3060.46	-42.52
3088.98	-42.07	3122.28	-42.50	3142.55	-42.63	3163.37	-43.17	3196.76	-43.14
3222.88	-43.23	3249.29	-43.52	3278.87	-43.85	3299.10	-43.42	3321.97	-43.89
3349.94	-44.32	3376.56	-44.12	3396.61	-44.23	3417.40	-44.46	3440.91	-44.79
3461.10	-45.34	3485.73	-44.51	3508.54	-44.86	3528.90	-44.94	3552.03	-45.19
R-012	1972	1841739.86	627471.18	60.00	18.68				
	11OCT23	21OCT23	158 00	23 135					

-019.69	17.38	-011.95	17.70	000.38	18.94	008.62	19.01	021.39	17.03
024.59	15.45	039.14	11.26	050.00	10.20	056.00	8.80	076.00	7.60
100.00	4.60	116.00	3.50	134.00	2.50	160.00	1.20	178.00	0.30
194.00	-0.70	219.00	-2.10	244.00	-2.80	270.00	-3.90	295.00	-4.30
318.00	-4.30	344.00	-4.10	365.00	-4.10	375.26	-4.42	396.57	-4.53
417.41	-5.17	438.42	-5.74	475.67	-6.42	498.02	-7.16	519.02	-8.21
544.35	-9.10	564.53	-9.94	600.14	-10.58	620.50	-11.28	646.71	-11.11
667.35	-11.56	687.61	-11.84	708.51	-11.93	739.58	-12.01	763.62	-12.18
800.83	-12.59	825.77	-12.95	846.31	-13.59	867.14	-13.89	890.27	-13.59
910.48	-14.16	936.28	-14.56	965.62	-14.82	993.11	-15.06	1030.36	-14.91
1050.65	-15.21	1079.01	-15.42	1118.48	-15.81	1146.94	-16.15	1167.14	-15.77
1188.79	-16.00	1211.24	-16.13	1242.45	-16.40	1263.18	-16.45	1284.62	-16.69
1305.02	-17.11	1326.51	-17.56	1351.73	-17.92	1371.88	-18.10	1394.06	-18.29
1414.98	-18.87	1441.28	-19.23	1476.11	-19.57	1498.19	-19.78	1521.92	-20.23
1552.56	-20.59	1573.00	-20.85	1593.29	-21.43	1616.38	-21.77	1656.54	-22.13

1677.32	-22.76	1701.61	-22.83	1723.16	-23.06	1747.42	-23.48	1783.58	-23.98
1807.36	-24.37	1829.77	-24.71	1851.08	-25.36	1876.34	-25.85	1900.40	-26.09
1928.72	-26.49	1949.10	-26.68	1969.49	-26.79	1990.04	-27.40	2017.53	-27.81
2045.15	-28.19	2076.86	-28.52	2109.87	-29.17	2134.96	-29.51	2156.50	-29.64
2184.10	-29.84	2204.46	-30.47	2229.89	-31.13	2255.41	-31.27	2277.70	-31.48
2299.24	-31.93	2320.84	-32.25	2349.16	-32.74	2384.46	-32.78	2408.98	-33.31
2439.34	-33.78	2470.02	-33.77	2490.30	-34.36	2527.79	-34.49	2548.01	-35.10
2576.86	-35.68	2600.64	-36.03	2623.78	-36.29	2646.72	-36.06	2669.08	-35.75
2703.78	-36.22	2725.90	-35.86	2749.87	-36.67	2788.13	-38.02	2817.09	-37.44
2854.01	-37.33	2881.96	-36.68	2907.02	-37.01	2940.25	-37.51	2961.92	-37.27
2982.71	-37.37	3014.14	-37.94	3038.62	-38.08	3060.22	-38.37	3087.61	-38.95
3108.35	-39.76	3130.44	-40.40	3154.31	-40.94	3192.20	-40.85	3219.16	-41.47
3243.83	-40.86	3267.80	-41.01	3287.90	-41.55	3311.82	-41.53	3332.30	-42.05
3362.19	-42.39	3383.55	-43.26	3411.63	-43.46	3444.03	-43.52	3465.57	-43.66
3503.20	-43.90	3528.12	-44.41	3550.40	-44.37	3570.56	-44.30	3590.89	-44.42
3612.74	-44.98	3652.12	-44.98	3672.88	-45.13	3695.44	-45.61	3722.30	-45.22
3757.80	-45.42	3796.44	-45.50	3829.01	-45.92				

R-013	1972	1840833.39	627841.72	60.00	16.68
	11OCT23	21OCT23	151 00 27 124		

-020.54	17.56	-017.74	18.12	-002.04	19.38	007.66	18.94	018.42	17.21
028.43	16.53	030.70	14.59	044.46	10.78	050.00	10.40	060.54	9.57
070.00	8.90	080.00	8.40	102.00	6.00	126.00	2.80	150.00	0.50
174.00	-1.30	192.00	-2.00	214.00	-2.20	227.00	-3.50	248.00	-4.70
266.00	-5.00	292.00	-6.20	308.00	-6.30	330.00	-6.40	346.00	-6.30
364.00	-6.30	376.00	-6.20	409.52	-6.74	436.51	-6.38	457.02	-5.48
487.55	-5.17	511.02	-5.87	545.48	-6.96	566.39	-7.60	586.51	-8.35
606.67	-9.07	630.98	-9.79	651.88	-10.52	674.30	-11.28	704.03	-11.97
727.24	-12.36	755.87	-12.84	781.19	-13.32	814.66	-13.77	836.11	-14.42
858.14	-14.60	882.68	-14.58	916.40	-14.66	940.10	-14.74	964.62	-14.75
986.07	-14.77	1009.12	-14.79	1031.74	-14.66	1067.64	-14.82	1087.83	-14.53
1127.37	-15.32	1147.99	-15.86	1185.23	-15.55	1210.29	-15.64	1230.42	-16.17
1250.94	-16.94	1282.80	-17.12	1317.87	-17.82	1347.79	-18.63	1376.16	-18.25
1404.53	-18.76	1428.04	-19.21	1454.59	-19.12	1475.32	-19.35	1495.82	-19.80
1518.30	-20.35	1545.16	-20.37	1583.38	-21.36	1607.70	-21.62	1644.50	-22.00
1674.92	-22.91	1704.72	-22.56	1725.26	-23.08	1746.24	-23.27	1791.40	-24.19
1815.87	-24.81	1836.54	-25.31	1869.80	-25.66	1896.91	-25.92	1920.64	-26.45
1941.08	-26.38	1961.94	-26.82	1987.23	-27.39	2007.58	-27.67	2047.74	-27.98

2068.28	-28.38	2088.60	-28.63	2109.27	-29.01	2129.82	-29.23	2152.74	-29.71
2175.74	-29.93	2195.88	-30.47	2223.05	-30.46	2259.80	-30.99	2279.86	-31.68
2301.82	-31.55	2323.89	-31.78	2344.16	-32.38	2364.34	-32.80	2403.22	-33.17
2438.46	-33.48	2459.41	-33.89	2491.12	-34.75	2518.71	-34.12	2539.13	-35.17
2574.14	-34.68	2596.24	-35.56	2621.55	-35.17	2646.79	-35.70	2666.94	-35.85
2688.03	-36.31	2708.36	-37.34	2731.32	-37.09	2751.50	-38.03	2773.59	-37.56
2793.72	-38.10	2814.08	-38.41	2853.09	-38.68	2874.22	-38.96	2894.49	-40.51
2930.94	-40.73	2953.55	-41.35	2977.62	-41.50	3012.64	-41.74	3033.06	-41.97
3053.13	-42.79	3077.43	-42.65	3097.84	-43.21	3133.28	-43.22	3153.74	-43.34
3175.04	-44.40	3199.06	-44.40	3234.65	-44.82	3261.78	-45.02	3285.16	-44.54
3318.72	-45.00	3342.37	-44.80	3365.25	-44.65	3399.82	-45.09	3422.78	-44.89
3458.30	-45.30	3487.22	-45.23	3517.63	-44.93	3544.60	-45.32	3565.68	-45.45
3600.43	-45.45								

R-014	1972		1839935.15	628194.30	60.00	19.88
	11OCT23	21OCT23	154 00 22 132			

-020.54	17.56	-017.74	18.12	-002.04	19.38	007.66	18.94	018.42	17.21
028.43	16.53	030.70	14.59	044.46	10.78	050.00	10.40	060.54	9.57
070.00	8.90	080.00	8.40	102.00	6.00	126.00	2.80	150.00	0.50
174.00	-1.30	192.00	-2.00	214.00	-2.20	227.00	-3.50	248.00	-4.70
266.00	-5.00	292.00	-6.20	303.63	-6.23	325.24	-5.11	360.96	-4.98
382.75	-5.30	410.35	-5.40	431.14	-5.64	454.80	-5.63	476.28	-5.68
496.94	-5.35	520.10	-5.40	541.76	-5.94	564.70	-6.74	586.89	-7.64
608.14	-8.99	628.52	-9.41	651.46	-9.78	680.97	-10.41	717.18	-11.17
737.58	-11.85	775.13	-12.28	795.39	-12.67	827.37	-13.77	848.32	-12.99
878.56	-13.39	901.28	-13.96	921.29	-14.44	959.18	-14.61	983.26	-14.57
1003.83	-15.20	1038.55	-14.91	1059.69	-15.35	1085.32	-15.38	1118.82	-15.75
1138.94	-15.72	1159.26	-15.81	1181.52	-16.23	1203.87	-16.08	1223.89	-16.42
1248.72	-16.76	1277.42	-17.20	1309.29	-17.23	1331.95	-17.65	1366.04	-18.06
1388.22	-18.63	1410.73	-18.46	1430.90	-18.71	1459.02	-19.17	1483.40	-19.54
1513.57	-19.80	1536.22	-20.30	1559.22	-20.68	1579.63	-21.08	1601.44	-21.20
1622.90	-21.64	1649.55	-22.34	1673.94	-22.92	1696.92	-22.94	1719.84	-22.94
1746.02	-23.41	1771.22	-23.65	1794.45	-24.06	1817.62	-24.69	1843.66	-24.93
1866.00	-25.12	1886.01	-25.39	1907.40	-25.70	1928.88	-26.06	1950.26	-26.57
1988.45	-27.14	2008.80	-27.47	2042.38	-27.64	2063.15	-28.13	2084.76	-28.35
2104.97	-28.65	2125.50	-29.70	2146.86	-30.90	2168.60	-30.32	2201.80	-30.31
2223.55	-30.53	2243.88	-30.79	2265.12	-31.16	2285.32	-31.63	2307.16	-32.34
2330.26	-32.41	2351.58	-32.41	2375.46	-32.51	2395.97	-33.21	2421.60	-33.54

2459.42	-34.03	2498.71	-34.40	2519.19	-34.57	2543.01	-35.02	2569.35	-35.00
2589.53	-35.64	2611.91	-35.89	2631.98	-36.21	2666.10	-36.34	2695.10	-36.84
2715.90	-36.89	2737.15	-37.37	2757.91	-37.94	2778.59	-38.17	2811.82	-37.81
2837.77	-38.21	2858.45	-38.90	2897.49	-39.18	2924.14	-38.84	2944.70	-39.93
2966.93	-39.58	3000.98	-40.41	3021.77	-40.08	3053.22	-40.56	3077.64	-40.92
3102.33	-41.17	3126.35	-41.26	3156.01	-40.80	3187.09	-41.14	3212.27	-40.89
3233.22	-40.74	3255.00	-40.89	3275.16	-40.72	3295.40	-40.86	3319.20	-40.94
3346.61	-41.17	3382.02	-41.47	3416.58	-41.11	3458.60	-42.31	3479.48	-43.13
3499.92	-44.39	3538.92	-44.63	3560.33	-44.72	3594.02	-45.30		
R-015	1972	1839040.29	628547.52	60.00	20.23				
	11OCT23	21OCT23	155 00 19 136						

-015.97	17.98	-006.93	19.34	004.25	20.56	017.95	17.16	033.47	14.40
037.95	13.53	053.38	11.09	060.00	10.70	065.00	10.50	074.00	9.10
085.00	7.80	100.00	7.10	116.00	6.20	134.00	4.50	149.00	2.50
166.00	0.40	180.00	-1.40	200.00	-2.30	220.00	-2.50	225.68	-2.73
248.68	-2.62	269.25	-3.29	291.64	-3.73	312.56	-3.77	332.75	-4.46
358.40	-5.44	378.49	-7.00	417.46	-7.85	438.61	-7.26	467.72	-7.01
487.86	-6.65	508.38	-5.71	548.26	-6.16	572.55	-6.77	595.79	-7.24
616.61	-7.99	640.18	-8.82	661.30	-9.76	692.94	-10.62	713.28	-11.43
734.52	-12.04	770.13	-12.88	790.22	-13.34	810.69	-13.75	831.52	-13.95
853.84	-14.25	876.20	-14.30	897.82	-14.35	927.42	-14.51	950.92	-14.65
988.83	-14.63	1009.86	-15.24	1031.14	-15.14	1052.29	-15.06	1078.13	-15.32
1117.30	-15.86	1143.33	-15.89	1176.18	-15.91	1196.43	-15.97	1216.98	-16.70
1237.44	-16.10	1262.62	-16.81	1289.32	-17.08	1312.12	-16.94	1337.33	-17.52
1365.89	-17.57	1386.66	-17.69	1407.10	-18.06	1434.22	-18.22	1454.28	-18.91
1476.08	-19.49	1497.60	-19.70	1525.05	-19.87	1552.68	-20.40	1573.22	-20.66
1593.46	-20.98	1616.18	-20.77	1637.39	-21.28	1658.93	-21.31	1690.61	-21.99
1711.36	-22.73	1733.62	-22.71	1754.96	-23.13	1775.55	-23.95	1801.62	-24.20
1829.01	-24.25	1849.09	-24.91	1869.39	-25.09	1890.40	-25.58	1921.22	-26.14
1949.00	-25.97	1969.11	-26.74	1989.71	-27.36	2018.91	-27.17	2039.86	-28.03
2069.58	-28.46	2091.35	-28.58	2111.88	-29.00	2132.56	-29.23	2162.12	-29.24
2182.74	-29.84	2202.82	-30.11	2228.12	-30.26	2249.18	-30.90	2278.28	-30.98
2299.01	-31.72	2329.39	-32.12	2352.52	-32.86	2373.64	-32.62	2394.42	-32.72
2415.28	-33.08	2436.71	-33.89	2459.56	-33.40	2482.26	-33.52	2503.49	-34.20
2524.42	-34.28	2545.95	-34.67	2576.06	-35.13	2600.66	-35.48	2621.53	-36.02
2646.84	-36.11	2677.88	-36.42	2699.11	-36.17	2719.28	-36.56	2739.36	-37.00
2761.15	-36.67	2781.27	-36.94	2804.25	-37.73	2842.22	-37.77	2862.26	-38.35

2894.84	-38.63	2921.99	-38.78	2943.23	-39.42	2963.36	-39.23	2983.74	-39.54
3003.94	-39.82	3024.02	-40.05	3060.44	-40.24	3085.15	-40.77	3106.96	-40.93
3135.13	-40.99	3157.15	-41.59	3179.63	-41.48	3217.25	-42.10	3253.18	-41.93
3274.11	-42.04	3294.42	-42.43	3317.13	-42.46	3353.26	-43.69	3376.79	-42.71
3398.14	-43.18	3436.58	-43.59	3458.73	-43.29	3481.32	-43.56	3504.86	-43.77
R-016	1972	1838156.57	628899.34	60.00	21.55				
	11OCT23	21OCT23	148 00 20 128						

-017.16	20.88	-013.06	21.29	000.20	21.35	006.15	20.59	013.70	18.63
022.60	16.79	039.40	15.42	051.13	13.54	062.10	10.99	079.92	9.27
084.00	8.60	091.00	7.60	110.00	5.20	128.00	3.30	148.00	1.10
170.00	-0.60	194.00	-2.40	213.00	-3.10	229.00	-4.10	245.00	-5.10
258.62	-5.44	281.28	-6.23	305.72	-5.88	333.76	-5.90	373.40	-5.99
393.76	-4.17	433.68	-3.92	466.04	-4.38	486.50	-5.03	511.62	-5.44
531.80	-6.54	559.40	-7.55	579.45	-7.99	601.17	-8.90	629.07	-9.44
651.34	-10.02	676.17	-10.49	696.61	-10.78	717.25	-11.16	752.04	-12.02
775.39	-12.22	810.88	-12.56	840.55	-12.70	861.00	-13.19	881.18	-13.43
902.32	-13.60	922.50	-13.98	944.54	-14.65	983.55	-14.96	1006.16	-15.25
1041.03	-15.47	1065.24	-15.77	1089.42	-15.92	1111.10	-15.94	1141.04	-16.05
1166.51	-16.20	1194.58	-16.63	1228.58	-17.04	1269.82	-16.61	1290.02	-16.96
1310.39	-17.60	1335.83	-17.58	1388.06	-17.94	1408.64	-18.42	1429.78	-18.76
1463.38	-18.86	1487.98	-19.23	1509.06	-19.61	1532.15	-19.85	1554.22	-20.14
1574.83	-20.52	1598.30	-20.87	1622.03	-21.03	1643.91	-21.52	1664.81	-21.89
1684.98	-22.12	1720.23	-22.45	1741.72	-23.00	1771.16	-23.62	1799.38	-23.99
1822.78	-24.32	1846.19	-24.71	1867.39	-24.85	1887.59	-25.52	1918.73	-25.77
1944.88	-26.11	1971.92	-26.33	1993.05	-26.80	2014.86	-27.26	2047.91	-27.89
2076.89	-28.08	2097.26	-28.47	2118.34	-28.97	2142.08	-29.30	2179.00	-30.02
2207.19	-30.32	2235.20	-30.61	2255.24	-30.72	2281.14	-31.61	2318.16	-31.65
2342.92	-31.96	2365.58	-32.44	2386.86	-33.00	2421.57	-33.26	2445.52	-33.63
2472.30	-33.84	2496.92	-33.91	2518.69	-34.13	2556.32	-34.69	2576.89	-34.92
2598.11	-35.23	2618.61	-35.48	2639.40	-35.72	2663.72	-36.30	2689.96	-36.71
2710.60	-36.39	2730.89	-36.67	2750.91	-36.88	2771.05	-37.08	2794.07	-37.62
2816.82	-38.26	2839.36	-38.50	2864.76	-38.27	2887.52	-38.97	2911.04	-39.33
2934.65	-39.00	2959.62	-39.34	2982.75	-39.60	3003.71	-40.06	3036.76	-40.59
3066.24	-40.98	3105.40	-41.58	3134.38	-41.89	3159.27	-42.09	3186.06	-42.79
3209.30	-43.01	3246.98	-43.45	3277.55	-43.79	3298.63	-43.62	3319.96	-43.90
3349.44	-44.02	3374.23	-44.29	3396.31	-44.52	3434.15	-44.92	3466.99	-44.82
3506.40	-45.42	3533.35	-46.01	3553.72	-45.12				

R-017 1972 1837266.22 629247.19 60.00 21.18
12OCT23 21OCT23 147 00 18 129

017.58	19.22	021.59	17.73	032.74	15.79	039.70	15.10	047.84	13.25
061.34	10.90	070.00	10.40	081.00	9.60	103.00	7.60	120.00	5.90
141.00	3.20	161.00	0.50	175.00	-1.30	200.00	-3.30	226.00	-4.30
249.00	-5.20	275.00	-6.30	293.00	-6.70	310.71	-6.55	350.10	-6.94
371.54	-6.97	395.24	-6.70	417.99	-6.20	441.13	-5.35	462.96	-4.47
486.88	-4.47	511.66	-5.04	536.69	-5.54	557.93	-6.13	578.92	-6.63
599.51	-7.24	619.97	-8.12	647.80	-8.97	668.22	-9.56	689.47	-10.26
717.20	-10.93	749.30	-12.03	772.72	-12.70	797.01	-13.17	817.53	-13.68
839.25	-14.05	870.88	-14.25	894.28	-14.56	914.97	-14.84	939.08	-14.81
965.82	-14.73	991.02	-15.57	1016.12	-15.20	1041.33	-15.42	1065.46	-15.53
1085.54	-15.31	1109.68	-15.75	1129.86	-15.96	1150.97	-16.32	1178.89	-16.36
1199.03	-16.83	1224.76	-16.65	1264.38	-16.67	1290.97	-17.05	1323.71	-17.24
1350.41	-17.26	1370.99	-18.19	1391.67	-17.83	1422.27	-18.50	1454.52	-18.92
1474.78	-19.26	1496.06	-18.96	1525.48	-19.32	1559.47	-20.01	1581.46	-20.51
1609.49	-20.74	1639.68	-21.04	1661.06	-21.39	1681.18	-22.08	1716.65	-22.14
1740.16	-22.57	1760.74	-22.94	1782.40	-23.41	1810.20	-23.55	1830.90	-24.02
1853.11	-24.19	1873.36	-25.16	1896.79	-25.16	1919.30	-25.21	1939.62	-25.59
1961.03	-26.31	2000.74	-26.63	2024.47	-27.06	2057.00	-27.32	2078.92	-27.80
2099.68	-28.29	2120.54	-28.46	2150.99	-28.99	2173.18	-29.66	2196.72	-30.12
2236.10	-29.97	2257.05	-30.69	2290.49	-31.20	2321.19	-31.69	2370.64	-32.11
2392.10	-32.50	2414.57	-32.99	2440.58	-33.49	2461.22	-33.34	2481.37	-33.99
2512.25	-34.12	2532.40	-34.67	2553.36	-34.66	2589.24	-34.97	2609.82	-35.67
2636.41	-35.81	2656.90	-36.21	2677.03	-36.03	2698.07	-36.42	2719.69	-36.73
2745.70	-36.79	2766.40	-37.06	2787.48	-37.75	2821.97	-37.80	2846.73	-38.29
2870.72	-38.08	2896.05	-38.21	2916.96	-38.49	2939.62	-39.42	2965.30	-38.86
2989.47	-39.42	3014.54	-39.56	3047.59	-39.66	3080.24	-40.18	3107.64	-40.46
3127.67	-39.93	3157.94	-40.33	3178.51	-40.84	3200.50	-40.66	3226.81	-40.57
3263.91	-41.15	3288.20	-40.99	3309.87	-41.05	3333.24	-41.34	3364.86	-41.82
3386.03	-41.69	3406.91	-41.88	3427.16	-42.37	3459.63	-42.43	3483.04	-42.90
3517.22	-43.07	3540.02	-43.33						

R-018 1972 1836366.56 629606.57 60.00 22.80
12OCT23 21OCT23 147 00 21 126

-012.18	20.71	-009.06	21.21	001.05	22.60	015.65	16.19	022.34	15.07
037.66	14.06	050.59	12.81	062.70	10.57	075.00	10.00	085.00	9.00

102.00	8.30	121.00	7.90	141.00	5.40	160.00	2.90	176.00	0.70
194.00	-0.70	212.00	-2.90	235.00	-5.50	256.00	-6.20	274.00	-6.40
289.00	-6.60	312.39	-6.68	346.52	-6.84	377.62	-6.76	398.58	-6.39
422.85	-5.26	458.37	-4.61	479.08	-5.28	499.16	-5.07	519.19	-4.94
552.05	-5.31	573.20	-5.68	595.66	-6.56	623.33	-7.21	648.78	-7.96
685.02	-9.45	705.62	-9.95	725.84	-10.61	746.08	-11.62	781.28	-12.27
806.08	-13.00	842.88	-13.62	875.36	-14.11	901.23	-14.12	926.08	-14.50
947.46	-14.92	981.64	-15.00	1014.66	-15.38	1037.62	-15.86	1058.39	-15.99
1083.62	-15.81	1114.98	-16.43	1136.65	-16.91	1157.72	-16.29	1187.30	-16.39
1213.39	-16.45	1240.20	-16.64	1262.13	-17.03	1283.26	-17.34	1317.17	-17.47
1340.69	-17.22	1363.12	-17.46	1384.04	-18.04	1407.12	-18.29	1444.80	-18.46
1465.16	-18.58	1485.62	-19.26	1515.62	-19.75	1542.14	-20.27	1573.13	-20.50
1594.87	-20.96	1632.39	-21.38	1653.30	-21.51	1676.83	-21.63	1699.92	-22.13
1734.70	-22.69	1754.95	-23.06	1788.66	-23.53	1831.67	-24.05	1856.77	-24.34
1878.78	-24.67	1898.85	-25.03	1926.40	-25.61	1948.45	-26.00	1983.49	-26.23
2005.34	-26.62	2028.02	-27.00	2069.94	-27.48	2090.02	-28.19	2120.14	-28.57
2149.06	-29.12	2183.66	-29.61	2218.12	-30.14	2246.48	-30.65	2266.69	-30.61
2304.56	-31.14	2324.58	-31.48	2344.64	-31.82	2365.04	-32.21	2387.96	-32.51
2411.58	-33.09	2440.91	-33.26	2464.30	-33.55	2494.95	-34.03	2518.94	-34.29
2542.93	-34.75	2565.99	-34.91	2591.47	-35.35	2618.50	-35.72	2641.66	-35.77
2667.61	-36.28	2690.80	-36.66	2714.10	-37.37	2741.51	-37.01	2763.53	-37.03
2786.80	-37.63	2814.06	-37.91	2841.98	-38.63	2866.38	-38.42	2893.16	-38.38
2914.23	-38.64	2948.41	-39.21	2971.32	-39.44	2993.83	-39.40	3014.56	-39.57
3035.86	-40.02	3073.71	-40.61	3094.90	-41.00	3123.16	-40.82	3143.21	-40.79
3167.76	-41.12	3197.93	-41.44	3225.97	-41.82	3246.18	-41.70	3266.75	-42.05
3291.78	-42.27	3313.06	-42.99	3342.24	-42.87	3366.54	-42.83	3386.71	-43.09
3418.27	-43.50	3453.08	-43.45	3481.69	-44.09	3511.29	-44.10	3542.16	-44.17
3563.21	-44.55	3585.07	-44.45						
R-019	1972	1835493.68	629959.38	60.00	20.63				
	12OCT23	21OCT23	146 00 24 126						
-010.77	19.86	-008.33	20.21	004.27	20.36	016.20	18.42	028.44	16.03
039.92	15.11	054.91	12.45	074.26	10.17	085.00	8.60	106.00	6.70
125.00	5.30	149.00	2.90	169.00	0.70	187.00	-1.20	208.00	-2.20
225.00	-3.60	246.00	-4.30	271.00	-5.70	296.00	-7.60	321.00	-7.50
345.00	-7.60	375.76	-6.56	396.06	-7.05	416.56	-5.02	436.96	-3.86
472.86	-4.19	500.39	-4.99	520.72	-5.53	546.86	-6.33	569.81	-6.83
594.78	-7.51	614.80	-8.10	637.54	-8.87	660.02	-9.36	688.16	-9.98

708.41	-10.72	729.03	-11.36	752.14	-12.06	773.18	-13.15	794.77	-13.74
815.33	-13.39	835.63	-13.05	860.14	-13.16	893.31	-13.26	917.66	-14.33
939.19	-14.13	960.22	-14.43	990.95	-14.58	1012.50	-15.07	1042.51	-15.18
1075.27	-15.23	1099.00	-15.34	1119.28	-15.85	1140.12	-16.19	1173.90	-16.07
1206.66	-16.47	1227.00	-17.44	1250.52	-17.11	1276.07	-17.00	1308.09	-17.30
1343.18	-17.17	1365.11	-17.52	1385.49	-17.86	1431.86	-18.13	1452.42	-18.82
1477.21	-18.90	1499.77	-19.27	1535.56	-19.73	1559.91	-19.79	1580.16	-20.29
1600.88	-20.40	1622.54	-20.76	1656.12	-21.35	1676.36	-21.85	1698.78	-22.16
1724.66	-22.61	1757.54	-22.79	1783.96	-23.32	1808.26	-23.41	1830.16	-23.83
1850.49	-24.08	1870.79	-24.51	1891.06	-25.11	1916.76	-25.59	1941.73	-25.92
1968.84	-25.96	1989.26	-26.70	2024.41	-26.85	2050.03	-27.14	2071.08	-27.51
2091.60	-28.17	2112.60	-28.33	2140.65	-28.46	2160.94	-29.37	2184.48	-29.35
2204.59	-29.39	2232.42	-30.40	2253.60	-30.67	2291.40	-30.97	2312.64	-31.41
2332.77	-31.85	2357.46	-31.69	2377.90	-32.28	2398.87	-32.91	2424.88	-33.00
2454.94	-33.54	2488.34	-34.08	2509.29	-34.01	2529.65	-34.29	2551.48	-34.91
2578.24	-35.23	2607.83	-35.16	2628.47	-36.02	2662.82	-36.22	2696.12	-36.41
2720.37	-36.73	2747.99	-37.37	2769.55	-37.62	2798.40	-37.81	2818.53	-37.41
2839.52	-38.17	2860.04	-38.38	2881.26	-38.59	2934.67	-39.10	2956.89	-39.31
2978.30	-39.69	3018.00	-40.07	3045.96	-40.00	3083.57	-40.37	3109.10	-40.44
3133.84	-40.32	3154.98	-41.14	3177.80	-41.12	3214.50	-41.29	3244.90	-41.42
3265.47	-41.74	3299.72	-41.99	3324.83	-41.87	3350.39	-42.06	3372.46	-43.32
3408.98	-42.86	3429.31	-42.53	3449.84	-42.94	3472.02	-43.16	3492.39	-42.87
3520.91	-43.43								
R-020	1972	1834605.61	630323.59	60.00	20.68				
	12OCT23	21OCT23	145 00 21 124						
-017.93	19.18	000.53	20.56	009.18	18.10	023.42	15.96	039.20	15.33
048.45	13.11	057.59	11.58	065.00	11.00	079.00	7.90	097.00	5.60
122.00	3.60	147.00	1.70	172.00	0.10	191.00	-1.10	210.00	-2.20
235.00	-3.50	256.00	-4.80	275.00	-6.90	298.00	-8.00	323.00	-7.50
345.00	-6.90	373.26	-6.58	394.63	-6.36	416.04	-4.58	440.12	-3.87
460.16	-4.35	481.05	-4.46	509.51	-4.87	539.97	-5.60	560.38	-5.88
583.10	-5.93	606.12	-6.65	629.95	-7.54	655.58	-8.26	675.98	-9.24
697.28	-9.83	718.42	-10.67	739.75	-11.29	760.59	-12.07	791.19	-12.64
811.73	-13.13	831.98	-13.60	855.40	-13.99	891.79	-14.14	921.36	-14.43
942.14	-15.26	968.63	-14.96	988.70	-15.11	1019.65	-15.50	1045.43	-15.68
1068.57	-15.78	1104.82	-15.98	1129.96	-16.53	1154.08	-16.54	1174.09	-16.46
1209.28	-16.78	1231.43	-17.43	1259.79	-17.07	1291.37	-17.11	1315.33	-17.39

1338.83	-18.02	1364.81	-17.61	1384.84	-18.76	1415.06	-18.33	1436.30	-18.68
1456.52	-19.10	1493.22	-19.46	1522.34	-19.94	1553.14	-20.28	1581.39	-20.51
1605.08	-20.88	1627.40	-21.17	1647.78	-21.54	1672.06	-22.04	1711.18	-22.73
1736.70	-23.10	1761.51	-23.37	1786.76	-23.73	1807.97	-23.81	1829.42	-24.13
1850.73	-24.56	1872.90	-24.80	1893.41	-25.10	1914.52	-25.43	1935.16	-25.90
1959.87	-26.51	1988.40	-26.78	2012.87	-27.12	2044.89	-27.53	2071.44	-27.96
2092.98	-28.27	2113.75	-28.54	2135.13	-29.19	2166.09	-29.49	2186.74	-29.82
2213.84	-30.54	2246.99	-30.84	2277.51	-31.25	2311.88	-31.68	2333.18	-31.96
2362.23	-32.67	2388.01	-33.05	2425.04	-33.48	2453.76	-34.06	2477.97	-34.24
2512.60	-34.90	2545.56	-35.21	2583.19	-35.76	2611.93	-36.11	2636.64	-36.15
2658.02	-36.42	2688.88	-36.92	2713.73	-37.16	2734.72	-37.21	2758.02	-37.57
2782.64	-38.05	2806.54	-38.31	2826.64	-38.30	2847.72	-38.47	2878.37	-38.81
2914.65	-39.71	2941.32	-39.92	2975.27	-39.94	3005.86	-40.12	3038.42	-40.29
3065.24	-40.21	3104.33	-40.84	3127.60	-41.12	3154.40	-41.40	3178.42	-41.61
3200.66	-41.29	3221.76	-41.89	3246.10	-42.01	3285.10	-42.53	3313.94	-42.19
3336.03	-42.41	3360.05	-42.62	3386.28	-42.70	3413.51	-42.94	3435.68	-43.24
3462.01	-43.30	3483.67	-43.69	3504.93	-43.62	3529.79	-43.80	3569.85	-44.22

R-021	1972	1833760.16	630661.07	60.00	24.17
	12OCT23	21OCT23	151 00	17 134	

-013.71	21.05	000.79	22.97	014.53	19.98	027.13	16.04	040.48	13.66
056.69	11.06	070.00	10.50	080.00	9.30	091.00	8.20	110.00	6.00
133.00	3.80	155.00	1.60	184.00	-0.20	205.00	-1.50	230.00	-2.90
245.00	-4.60	263.00	-6.40	290.82	-5.90	311.96	-6.46	332.77	-7.45
357.75	-7.36	384.14	-6.88	407.77	-5.89	427.94	-4.86	449.33	-3.60
471.66	-3.57	493.52	-4.03	515.66	-4.45	536.86	-5.03	560.94	-5.50
585.67	-6.05	606.42	-6.67	637.80	-7.28	658.35	-8.27	678.49	-8.99
698.81	-9.62	718.88	-10.22	739.66	-10.57	762.90	-11.27	789.36	-12.34
816.14	-12.21	841.78	-12.65	870.30	-13.59	895.18	-13.78	920.23	-13.29
940.26	-13.80	961.08	-14.35	993.08	-14.48	1031.18	-14.98	1053.50	-15.41
1073.73	-15.30	1101.56	-15.32	1124.36	-15.50	1147.44	-15.76	1175.32	-15.81
1210.69	-16.26	1231.20	-16.74	1263.17	-16.30	1283.21	-16.85	1304.26	-17.12
1343.91	-17.09	1364.40	-18.02	1385.20	-17.99	1411.42	-18.23	1442.13	-18.71
1463.25	-19.08	1484.24	-19.17	1505.02	-19.53	1526.11	-19.70	1546.18	-19.91
1577.28	-20.25	1599.32	-20.77	1624.22	-20.71	1653.06	-21.36	1674.41	-22.06
1704.80	-21.98	1726.65	-22.49	1747.80	-22.96	1769.81	-22.90	1789.88	-23.27
1809.90	-23.82	1834.04	-23.99	1854.55	-24.53	1878.50	-25.10	1902.45	-25.38
1923.08	-25.62	1951.27	-26.25	1973.88	-26.52	1997.18	-26.41	2018.15	-26.87

2038.46	-27.20	2058.64	-27.55	2079.76	-27.91	2101.59	-28.43	2132.50	-28.74
2160.11	-29.26	2180.40	-29.64	2215.19	-30.31	2240.06	-30.25	2262.26	-30.66
2283.30	-31.47	2307.32	-31.36	2327.89	-31.91	2347.93	-32.48	2377.96	-32.43
2400.47	-32.62	2423.39	-33.21	2445.70	-33.65	2466.04	-34.06	2487.05	-34.60
2513.70	-34.40	2533.85	-34.76	2556.50	-34.82	2577.04	-35.81	2602.52	-35.60
2626.98	-36.04	2648.95	-36.29	2680.01	-36.69	2700.15	-37.12	2727.67	-37.02
2752.10	-37.84	2776.49	-37.70	2802.46	-37.97	2823.43	-38.27	2851.56	-38.52
2891.72	-39.19	2911.81	-39.18	2944.31	-39.24	2981.53	-39.48	3002.02	-39.86
3033.12	-40.58	3057.21	-40.53	3087.52	-40.43	3107.58	-41.02	3133.30	-40.84
3159.63	-41.35	3185.94	-41.34	3215.08	-41.52	3235.58	-41.75	3260.86	-41.83
3281.48	-41.65	3301.81	-41.95	3322.76	-42.40	3362.60	-43.31	3399.06	-43.00
3425.26	-43.19	3446.54	-43.10	3468.08	-43.44	3492.18	-43.65	3513.45	-43.36
3541.86	-43.62								

R-022	1972	1832907.79	631008.60	60.00	21.41
	12OCT23	21OCT23	155 00 19 136		

-017.12	18.56	-006.27	20.55	000.53	21.17	011.92	17.42	017.70	16.20
034.50	13.69	036.72	13.13	046.03	11.50	053.90	10.93	060.00	10.90
069.00	9.60	083.00	7.40	099.00	5.40	120.00	3.10	140.00	0.90
165.00	-1.30	190.00	-4.50	215.00	-5.60	240.00	-6.70	254.26	-6.99
274.72	-7.39	295.68	-7.79	315.71	-8.18	336.40	-7.88	374.79	-8.41
395.59	-7.58	415.94	-6.36	438.97	-5.79	468.86	-5.81	489.22	-6.15
510.68	-6.43	531.70	-6.85	564.60	-7.48	585.16	-8.15	605.52	-8.74
626.10	-9.33	646.44	-9.86	676.44	-10.79	696.55	-11.22	718.10	-11.85
738.59	-12.31	762.10	-12.68	801.62	-13.43	822.00	-13.96	844.34	-14.17
864.84	-14.25	885.85	-14.17	906.28	-14.68	930.28	-14.79	960.60	-14.88
981.12	-15.00	1001.74	-15.24	1021.76	-15.38	1044.59	-15.67	1075.81	-15.91
1106.44	-15.97	1137.58	-16.00	1160.52	-16.31	1193.72	-16.45	1219.78	-16.47
1242.10	-16.80	1265.33	-16.90	1293.55	-17.12	1314.02	-17.24	1335.86	-17.75
1360.66	-18.02	1381.85	-18.49	1418.14	-18.55	1439.54	-19.13	1464.42	-19.47
1484.45	-19.18	1504.55	-19.63	1531.82	-19.91	1554.31	-20.26	1577.41	-20.66
1605.75	-21.14	1636.78	-21.79	1668.32	-22.12	1693.17	-22.52	1716.02	-22.81
1736.91	-22.93	1758.98	-23.40	1779.37	-23.71	1800.98	-24.00	1821.26	-24.79
1842.82	-24.67	1863.34	-25.10	1885.64	-25.38	1906.85	-25.94	1930.88	-26.15
1955.48	-26.30	1976.13	-26.72	1996.46	-27.04	2016.97	-27.43	2037.06	-27.84
2067.38	-28.23	2087.87	-28.34	2108.28	-28.73	2142.08	-29.28	2179.53	-29.60
2200.43	-30.31	2220.88	-30.35	2241.58	-30.64	2263.12	-30.99	2286.52	-31.57
2319.23	-31.90	2339.90	-32.39	2365.37	-32.72	2397.83	-32.97	2418.66	-33.44

2438.76	-33.50	2460.09	-34.08	2488.46	-34.33	2511.86	-34.57	2536.26	-35.01
2557.43	-35.61	2593.77	-36.00	2624.42	-36.07	2645.19	-36.62	2666.94	-36.80
2688.24	-37.11	2712.20	-37.23	2742.32	-37.57	2776.95	-37.89	2807.63	-38.08
2827.76	-38.36	2854.35	-38.56	2874.59	-38.79	2901.51	-39.35	2932.33	-39.76
2959.37	-39.83	2986.32	-40.19	3019.18	-40.18	3039.99	-40.15	3060.90	-40.30
3083.52	-40.41	3119.56	-40.73	3140.95	-41.07	3172.09	-41.35	3205.12	-41.62
3239.36	-41.94	3261.70	-41.78	3282.33	-42.10	3306.89	-43.09	3332.64	-43.25
3359.41	-42.49	3381.46	-42.88	3405.81	-42.98	3428.21	-43.39	3453.96	-43.95
3479.71	-43.66	3505.87	-43.75	3541.68	-43.83	3565.70	-45.03	3593.15	-44.74
R-023	1972	1832032.83	631358.69	60.00	20.44				
	12OCT23	21OCT23	146 00	21 125					

-014.50	18.33	-010.00	18.92	001.39	20.03	014.78	17.01	021.37	15.95
033.81	14.26	035.37	13.76	050.00	11.40	062.00	9.90	074.00	8.40
092.00	5.30	110.00	3.00	126.00	1.60	145.00	1.70	167.00	0.40
193.00	-1.00	214.00	-1.60	231.00	-2.20	250.00	-3.80	270.00	-5.50
290.00	-7.30	310.05	-6.39	342.12	-7.38	372.00	-7.30	395.76	-7.26
417.67	-7.21	437.71	-5.41	473.86	-3.77	502.39	-4.80	522.99	-5.45
543.14	-6.00	564.28	-6.43	584.74	-7.39	606.39	-7.73	640.72	-8.92
661.09	-9.59	684.68	-10.32	720.87	-11.26	758.45	-11.69	792.32	-11.81
813.59	-12.62	836.35	-13.10	863.04	-13.50	888.09	-13.83	913.89	-14.14
934.42	-14.44	957.40	-14.88	982.76	-15.18	1003.88	-15.30	1030.59	-15.47
1050.71	-15.60	1082.01	-15.82	1102.23	-16.07	1122.56	-16.54	1149.82	-16.20
1188.37	-16.10	1218.23	-16.49	1239.82	-16.45	1259.96	-17.32	1289.27	-17.16
1315.09	-16.98	1335.34	-17.49	1356.97	-17.70	1389.82	-18.26	1419.97	-18.49
1446.04	-19.14	1466.73	-19.35	1497.22	-19.59	1528.54	-19.91	1550.81	-19.95
1573.54	-20.35	1593.57	-20.93	1628.31	-21.07	1657.86	-21.56	1678.56	-22.11
1699.06	-22.59	1729.73	-22.84	1750.70	-23.26	1775.90	-23.43	1798.16	-23.84
1819.66	-24.18	1856.63	-24.82	1885.67	-24.99	1905.92	-25.78	1934.16	-26.08
1966.50	-26.68	1988.57	-26.79	2016.97	-27.43	2045.26	-27.91	2084.56	-28.21
2106.86	-28.65	2145.30	-29.46	2167.28	-29.44	2187.34	-29.80	2207.57	-30.64
2233.35	-30.51	2258.30	-30.63	2280.12	-31.53	2308.59	-31.52	2333.79	-31.66
2372.67	-32.47	2393.80	-32.60	2414.85	-33.07	2435.99	-33.36	2474.63	-33.94
2495.77	-34.38	2516.69	-34.86	2543.23	-34.74	2572.65	-35.06	2598.39	-35.90
2629.36	-35.66	2650.42	-36.15	2674.82	-36.99	2710.02	-36.98	2733.02	-37.14
2753.92	-38.21	2776.06	-37.48	2798.77	-38.28	2837.63	-38.36	2868.97	-39.00
2889.56	-38.86	2919.53	-38.92	2939.57	-39.20	2960.20	-39.74	2988.78	-39.75
3017.21	-40.09	3039.56	-40.37	3067.61	-40.34	3101.49	-40.99	3124.50	-40.66

3146.76	-41.22	3168.10	-41.02	3204.46	-41.79	3229.03	-41.59	3260.11	-41.80
3295.17	-42.53	3323.76	-41.86	3344.78	-42.13	3365.20	-43.21	3396.94	-42.46
3426.44	-42.71	3446.90	-43.04	3477.12	-43.07	3502.58	-43.43	3526.79	-43.70
3547.70	-43.80								
R-024	1972	1831137.74	631716.64	60.00	21.35				
	12OCT23	21OCT23	151 00 19 132						

-011.87	19.84	-007.63	20.52	007.71	21.76	013.29	21.49	020.71	19.43
023.51	16.37	041.16	11.72	050.00	10.80	060.00	9.00	061.00	8.20
080.00	4.70	102.00	1.80	125.00	0.00	144.00	-1.30	160.00	-2.10
177.00	-3.30	193.00	-3.90	218.00	-6.30	242.00	-5.40	263.58	-4.37
289.39	-4.19	309.59	-4.86	329.62	-5.96	351.42	-6.29	380.44	-6.83
408.18	-6.77	430.01	-6.65	452.14	-6.38	473.13	-5.98	506.26	-6.00
526.86	-6.30	552.42	-6.85	577.73	-7.52	613.14	-8.12	633.82	-8.77
655.48	-9.62	687.42	-10.74	708.88	-11.59	729.33	-12.47	749.63	-13.05
770.18	-13.90	808.34	-14.69	829.34	-14.78	852.68	-14.86	874.21	-14.28
913.78	-14.40	935.70	-14.00	972.63	-14.35	1007.36	-14.77	1028.55	-15.10
1060.89	-15.30	1087.42	-15.54	1110.19	-15.90	1132.48	-16.19	1156.12	-16.21
1176.25	-16.41	1210.91	-16.48	1233.37	-16.69	1269.16	-18.14	1289.54	-17.70
1329.56	-17.79	1349.73	-17.96	1370.86	-18.22	1402.78	-18.87	1423.63	-19.55
1447.43	-18.95	1471.04	-19.12	1496.14	-19.44	1528.71	-19.88	1548.86	-19.93
1569.40	-20.44	1592.33	-21.16	1615.02	-21.35	1636.16	-21.39	1663.70	-21.63
1690.84	-22.11	1712.36	-22.54	1742.68	-22.91	1766.75	-23.47	1794.64	-23.94
1817.78	-24.21	1849.61	-24.65	1870.11	-25.33	1895.22	-25.59	1921.57	-25.81
1946.44	-26.15	1967.06	-26.44	1987.53	-26.96	2009.34	-27.30	2031.37	-27.57
2055.23	-28.25	2083.00	-28.68	2118.63	-29.40	2145.39	-29.99	2169.42	-30.30
2191.16	-30.47	2221.72	-31.02	2254.08	-31.52	2281.24	-31.91	2304.00	-32.14
2326.82	-32.51	2348.10	-33.12	2368.81	-33.23	2391.72	-33.62	2413.24	-34.01
2433.31	-34.21	2454.46	-34.38	2474.58	-34.82	2495.03	-35.08	2520.42	-35.24
2541.28	-35.68	2563.78	-36.52	2589.86	-36.41	2610.95	-36.82	2644.26	-37.01
2667.02	-37.16	2687.94	-37.57	2709.10	-38.01	2734.00	-37.97	2773.52	-38.50
2794.02	-38.82	2822.09	-40.13	2847.96	-40.29	2874.46	-39.68	2895.09	-39.61
2915.62	-40.10	2948.77	-40.61	2976.89	-40.40	3016.73	-40.59	3038.67	-41.31
3062.16	-40.96	3093.78	-41.13	3121.44	-41.44	3158.22	-41.72	3180.75	-41.83
3201.74	-41.80	3223.12	-42.03	3249.22	-42.28	3269.94	-42.12	3290.04	-42.47
3318.87	-42.56	3339.62	-43.02	3368.06	-42.99	3388.13	-43.00	3415.80	-43.37
3443.71	-44.30	3469.48	-43.81	3495.23	-44.12	3517.60	-43.81	3542.37	-43.93
3569.71	-44.20								

R-025 1972 1830237.01 632099.74 60.00 20.29
12OCT23 21OCT23 151 00 18 133

-011.94	21.06	-006.67	21.51	012.80	18.14	015.08	17.33	016.92	13.61
034.15	10.21	050.00	9.40	068.00	8.40	073.00	8.30	092.00	6.80
113.00	4.20	133.00	1.80	156.00	-0.30	178.00	-2.00	199.00	-2.70
220.00	-3.80	238.00	-4.60	257.00	-5.40	272.34	-6.18	293.78	-6.12
327.98	-6.09	366.64	-6.46	392.70	-6.42	417.84	-6.34	438.62	-6.32
459.17	-5.98	479.54	-4.87	516.44	-5.42	538.42	-6.17	559.70	-7.15
589.67	-8.44	613.80	-8.94	633.83	-9.66	655.98	-10.32	695.27	-11.66
715.70	-12.92	736.68	-13.27	757.85	-13.48	779.08	-13.78	806.92	-14.00
839.94	-14.16	866.18	-14.84	903.04	-14.34	925.12	-14.81	947.52	-15.42
969.44	-15.28	1005.87	-15.26	1029.29	-15.29	1050.30	-15.42	1072.09	-15.84
1092.18	-16.60	1116.57	-16.73	1136.84	-16.38	1161.19	-16.16	1191.68	-17.13
1213.74	-17.19	1234.00	-17.03	1266.57	-17.33	1293.93	-17.51	1333.83	-18.45
1364.70	-18.19	1396.83	-18.89	1417.36	-18.82	1444.67	-18.77	1465.10	-18.93
1491.95	-19.54	1512.06	-19.85	1532.52	-19.75	1553.10	-20.52	1573.40	-20.73
1593.92	-21.43	1620.63	-21.98	1644.79	-22.19	1676.12	-22.45	1697.08	-22.46
1730.38	-23.14	1752.30	-23.43	1781.46	-23.45	1802.16	-24.30	1823.36	-24.58
1845.07	-24.75	1865.89	-25.13	1887.67	-25.63	1907.82	-26.16	1931.38	-26.49
1971.38	-26.37	1991.57	-26.94	2012.24	-27.73	2041.64	-27.85	2065.42	-27.71
2086.18	-28.02	2106.65	-28.92	2130.85	-29.11	2154.34	-29.37	2187.57	-29.93
2208.44	-30.23	2241.76	-30.57	2272.48	-31.09	2298.64	-31.36	2321.99	-31.67
2347.12	-31.91	2373.24	-32.26	2393.35	-32.64	2417.44	-32.77	2437.96	-33.35
2462.26	-33.22	2484.26	-34.06	2504.94	-34.29	2527.36	-34.19	2548.61	-34.75
2568.85	-35.12	2590.46	-35.33	2613.54	-35.50	2642.95	-35.96	2673.03	-35.89
2693.52	-36.68	2716.54	-36.82	2739.12	-37.63	2765.68	-37.63	2792.86	-37.35
2813.72	-38.11	2835.92	-38.19	2863.74	-38.68	2900.32	-38.62	2920.76	-39.49
2957.14	-39.86	2979.44	-39.50	3004.84	-40.38	3036.74	-40.10	3058.98	-40.25
3079.36	-40.67	3104.74	-40.73	3124.85	-41.07	3146.20	-41.51	3183.78	-41.47
3205.84	-41.77	3229.28	-42.21	3265.42	-41.99	3287.79	-42.60	3317.05	-42.99
3348.31	-42.55	3369.66	-43.12	3393.52	-43.20	3415.57	-43.18	3437.22	-43.50
3462.02	-43.53	3498.79	-44.84	3525.38	-43.64	3546.86	-43.84	3567.15	-44.27
3603.89	-43.93								

R-026 1972 1829380.21 632476.01 60.00 17.98
12OCT23 21OCT23 151 00 19 132

-018.94	18.19	-015.37	18.25	000.74	18.62	002.23	17.84	003.55	14.35
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013.61	11.69	030.00	9.30	038.00	7.70	049.00	6.50	065.00	5.90
085.00	5.90	099.00	4.90	115.00	4.00	132.00	2.20	152.00	0.50
171.00	-0.90	191.00	-1.80	210.00	-2.80	230.00	-4.20	249.94	-4.62
275.68	-6.38	296.52	-6.74	321.04	-6.71	342.00	-7.16	365.35	-7.21
399.17	-7.24	419.42	-7.11	441.38	-7.16	461.52	-7.24	483.22	-6.79
503.64	-6.53	524.18	-6.44	544.43	-6.09	583.36	-6.37	622.01	-7.42
642.68	-8.04	663.08	-8.90	684.48	-9.54	707.90	-10.22	728.25	-11.37
751.32	-11.87	772.15	-12.30	793.19	-12.64	816.30	-12.98	849.21	-13.37
872.08	-13.38	907.68	-13.89	930.06	-14.42	950.48	-14.97	971.26	-15.01
991.52	-15.53	1014.96	-15.75	1038.34	-15.80	1066.98	-15.89	1089.70	-15.79
1113.42	-15.86	1133.72	-16.01	1159.84	-16.15	1198.52	-16.12	1218.58	-16.57
1238.92	-16.83	1262.31	-17.07	1282.63	-17.18	1302.94	-17.54	1325.21	-18.05
1349.34	-18.18	1374.36	-18.34	1394.99	-18.67	1432.18	-18.92	1456.02	-19.53
1482.92	-20.07	1507.67	-20.10	1534.91	-20.37	1555.53	-20.77	1586.44	-20.99
1607.42	-21.36	1632.06	-21.75	1662.08	-22.27	1686.15	-22.69	1722.02	-23.05
1746.40	-23.40	1771.56	-23.76	1792.23	-24.00	1815.44	-24.27	1837.02	-24.75
1865.20	-25.27	1894.60	-25.96	1919.80	-26.43	1942.70	-26.88	1967.34	-27.22
2003.66	-27.44	2033.12	-28.02	2062.70	-28.53	2084.76	-29.02	2113.20	-29.22
2133.82	-29.47	2154.05	-29.75	2174.82	-30.14	2196.85	-30.34	2223.41	-30.61
2243.57	-31.12	2279.34	-31.75	2315.38	-32.10	2336.84	-32.83	2365.98	-33.33
2400.42	-33.46	2428.83	-34.07	2451.80	-34.26	2472.50	-34.74	2497.50	-35.25
2537.58	-35.73	2567.92	-36.16	2595.68	-36.35	2616.87	-36.78	2637.96	-37.06
2658.49	-37.26	2682.31	-37.73	2713.56	-38.25	2734.74	-38.45	2772.08	-38.83
2804.18	-39.44	2842.10	-39.70	2866.66	-40.29	2897.79	-40.32	2919.87	-40.50
2944.05	-40.71	2968.98	-40.96	2992.37	-40.99	3013.87	-40.87	3033.90	-41.49
3057.26	-42.31	3082.91	-42.09	3106.32	-41.89	3127.45	-42.27	3154.76	-42.71
3188.34	-42.91	3211.68	-42.88	3235.16	-42.80	3262.76	-42.91	3286.10	-43.63
3310.10	-44.25	3332.90	-43.98	3357.41	-43.75	3389.06	-43.72	3411.03	-44.04
3434.60	-44.16	3466.01	-44.25	3486.05	-44.31	3514.85	-44.39	3537.34	-44.38
3558.21	-44.68								
R-027	1972	1828505.74	632836.31	60.00	18.07				
	13OCT23	21OCT23	153 00	18 135					
-007.22	17.35	-003.32	18.29	004.07	17.64	009.29	16.53	010.13	14.90
022.38	12.08	030.00	11.00	040.00	10.00	047.00	8.70	058.00	5.60
072.00	3.50	092.00	1.30	117.00	0.20	135.00	-0.70	160.00	-1.50
183.00	-2.30	207.00	-3.40	225.00	-3.90	241.99	-4.55	262.06	-4.04
286.72	-2.61	317.95	-3.30	347.98	-3.51	380.48	-3.83	400.97	-3.82

430.31	-4.30	450.55	-5.13	470.68	-5.57	494.90	-6.22	516.39	-6.52
542.10	-7.39	563.20	-8.02	584.12	-8.60	613.93	-9.37	634.01	-10.18
655.03	-10.73	675.50	-11.29	695.80	-11.91	718.25	-12.60	738.56	-13.19
767.12	-13.54	790.81	-13.71	813.36	-13.74	834.11	-14.02	854.13	-14.48
879.02	-14.10	907.52	-14.30	929.84	-14.27	952.48	-14.49	989.70	-14.82
1022.56	-14.89	1043.00	-15.89	1063.74	-15.49	1086.22	-15.50	1107.34	-16.02
1128.90	-15.92	1149.84	-16.21	1187.30	-16.23	1214.81	-15.86	1240.23	-15.78
1261.97	-16.36	1282.56	-16.82	1310.98	-17.25	1342.92	-17.63	1363.56	-17.76
1384.62	-17.93	1412.10	-18.26	1440.77	-18.67	1468.16	-18.96	1492.04	-19.07
1513.08	-19.34	1533.46	-19.74	1554.36	-20.00	1576.02	-20.21	1600.14	-20.57
1620.34	-21.06	1650.48	-21.43	1678.00	-21.78	1698.42	-22.26	1719.10	-22.74
1739.45	-23.07	1760.48	-23.07	1782.75	-23.43	1807.46	-24.07	1829.82	-24.48
1864.82	-24.93	1885.15	-25.28	1924.39	-26.28	1945.65	-26.48	1965.73	-26.95
1986.35	-27.36	2006.65	-27.95	2032.46	-28.49	2063.60	-28.88	2088.76	-29.25
2108.86	-29.54	2128.96	-30.15	2158.68	-30.72	2181.94	-31.34	2207.98	-31.67
2228.85	-32.41	2249.62	-32.94	2275.26	-33.07	2298.86	-33.53	2319.85	-33.92
2340.35	-34.37	2360.78	-35.14	2399.08	-35.75	2419.13	-35.92	2439.42	-36.45
2461.06	-36.76	2493.52	-37.55	2514.46	-37.85	2542.80	-38.17	2568.32	-38.41
2594.46	-38.70	2616.56	-39.27	2647.91	-39.49	2675.62	-39.49	2697.52	-39.56
2718.43	-40.14	2742.36	-39.95	2765.80	-40.52	2787.36	-40.72	2824.06	-40.91
2857.78	-41.23	2883.41	-41.18	2907.82	-41.65	2928.23	-42.16	2949.52	-41.73
2973.12	-42.00	2994.36	-41.94	3017.15	-42.65	3049.85	-41.96	3070.84	-42.33
3103.51	-42.65	3141.48	-42.97	3167.88	-42.87	3192.45	-42.60	3214.22	-42.79
3234.57	-43.41	3274.56	-43.29	3312.70	-43.35	3334.50	-43.46	3355.13	-43.75
3385.25	-43.71	3405.85	-44.23	3427.76	-43.85	3447.99	-44.24	3486.32	-44.45
3521.54	-44.48	3542.09	-44.96	3571.56	-44.68				
R-028	1987	1827562.61	633082.24	60.00	16.40				
	13OCT23	21OCT23	150 00	22 128					
140.13	17.12	145.63	17.66	152.71	18.21	160.14	18.01	164.74	10.82
171.43	9.98	180.93	9.31	191.00	8.10	204.00	7.10	218.00	5.40
231.00	3.80	253.00	1.50	277.00	-0.90	294.00	-1.70	310.00	-2.70
337.00	-5.60	355.00	-6.20	370.00	-7.00	388.00	-7.90	409.00	-7.70
430.00	-7.60	451.00	-7.20	467.11	-6.69	499.32	-6.93	520.66	-7.37
541.50	-6.97	561.90	-7.68	582.22	-6.80	603.28	-5.50	623.68	-4.85
657.07	-5.48	677.30	-6.09	710.59	-6.94	730.82	-7.51	751.46	-8.14
771.69	-8.81	791.71	-9.45	817.09	-10.22	837.62	-10.99	858.18	-11.41
878.26	-12.31	899.22	-12.72	925.33	-13.08	958.01	-13.67	978.60	-13.98

1001.07	-14.37	1023.19	-14.54	1056.09	-14.63	1090.84	-14.70	1124.71	-14.91
1146.77	-15.37	1173.35	-15.37	1200.12	-15.78	1231.15	-16.24	1257.36	-16.35
1287.04	-16.17	1310.06	-16.44	1338.62	-16.68	1359.65	-16.67	1386.32	-16.87
1407.64	-17.34	1429.58	-17.50	1463.92	-17.44	1484.10	-17.66	1507.15	-18.11
1527.21	-18.38	1547.50	-18.84	1568.42	-19.15	1591.43	-19.36	1611.48	-19.78
1645.55	-20.12	1666.75	-20.59	1697.93	-20.86	1718.46	-21.05	1738.80	-21.55
1772.92	-21.87	1797.62	-22.22	1834.37	-22.70	1864.64	-23.16	1900.72	-23.47
1937.80	-23.84	1958.53	-24.25	1983.05	-24.59	2005.67	-24.68	2028.30	-25.04
2049.21	-25.42	2086.62	-25.55	2110.79	-25.85	2134.84	-26.39	2161.69	-26.57
2191.64	-26.57	2222.82	-27.00	2243.38	-27.44	2278.90	-27.84	2302.88	-28.20
2326.18	-28.21	2347.64	-28.66	2367.84	-29.00	2394.90	-29.36	2429.79	-29.80
2464.40	-30.18	2484.93	-30.34	2505.38	-30.72	2525.44	-30.96	2548.23	-31.26
2575.73	-32.07	2598.60	-32.01	2628.65	-32.09	2649.02	-33.55	2672.64	-33.65
2693.36	-34.03	2716.22	-34.27	2748.38	-34.50	2772.58	-35.11	2793.21	-35.33
2813.43	-35.80	2835.10	-35.74	2857.63	-36.78	2878.16	-37.38	2901.51	-37.72
2938.76	-37.51	2960.46	-38.05	2981.60	-38.83	3013.52	-39.03	3036.94	-39.23
3057.91	-39.63	3078.22	-39.98	3100.43	-40.13	3120.60	-40.61	3140.72	-40.48
3161.14	-40.92	3196.64	-41.19	3231.82	-41.50	3263.18	-41.99	3294.94	-42.28
3318.92	-42.74	3354.94	-42.84	3381.53	-42.98	3409.03	-43.17	3436.46	-43.24
3459.72	-43.46	3496.82	-43.89	3524.30	-44.53	3550.36	-44.44	3574.68	-44.26
3594.94	-44.28	3615.25	-44.49	3639.52	-44.86	3672.73	-45.01	3705.32	-44.93
R-029	1972	1826758.90	633577.04	60.00	18.13				
	21OCT23	21OCT23	154 00 18 136						

-005.11	16.42	-002.25	16.51	007.44	16.83	011.95	16.77	012.42	17.42
018.72	14.12	026.28	10.14	031.00	6.90	040.00	6.50	058.00	6.20
079.00	5.80	098.00	5.00	119.00	2.80	143.00	0.50	168.00	-1.40
195.00	-2.60	212.00	-3.50	237.00	-4.40	249.47	-5.35	277.32	-5.47
297.72	-7.29	319.00	-7.07	344.00	-6.66	377.92	-6.74	398.27	-6.69
418.70	-6.48	440.47	-6.39	464.90	-6.43	485.38	-6.32	505.63	-6.20
545.69	-6.28	565.82	-6.65	599.04	-7.99	619.54	-8.61	640.77	-8.82
661.24	-9.50	696.20	-10.22	720.43	-10.96	747.86	-11.58	787.77	-11.87
821.51	-11.98	848.29	-12.21	868.68	-12.67	890.17	-13.13	910.50	-13.97
932.36	-14.39	953.28	-14.53	973.38	-15.02	997.57	-15.01	1022.08	-15.29
1042.28	-15.68	1086.48	-15.40	1113.73	-16.07	1137.38	-16.21	1165.80	-15.92
1192.67	-16.31	1215.20	-16.60	1236.19	-17.37	1261.84	-16.78	1282.00	-17.51
1307.82	-17.35	1334.68	-17.49	1354.92	-17.79	1375.42	-18.16	1401.03	-18.40
1421.88	-18.56	1442.58	-18.83	1472.74	-19.17	1494.75	-19.54	1515.54	-20.18

1540.20	-20.18	1569.08	-20.57	1590.04	-20.94	1613.46	-21.37	1633.95	-21.57
1660.06	-21.64	1680.22	-21.88	1700.34	-22.25	1722.03	-22.40	1761.08	-23.40
1781.75	-23.75	1807.47	-24.03	1834.45	-24.15	1874.32	-24.80	1894.91	-25.07
1915.30	-25.50	1935.39	-25.93	1982.25	-26.61	2002.66	-26.95	2029.18	-26.87
2049.64	-27.36	2070.65	-27.81	2103.28	-28.20	2123.46	-28.74	2146.42	-29.00
2167.84	-29.12	2187.94	-29.70	2209.80	-29.73	2229.89	-29.98	2249.99	-30.27
2271.56	-30.23	2292.16	-30.72	2313.88	-30.88	2336.86	-30.94	2357.33	-31.20
2380.34	-31.68	2412.78	-31.99	2447.86	-32.25	2469.00	-32.68	2490.19	-33.66
2524.07	-33.61	2553.98	-32.72	2576.39	-33.40	2601.11	-34.07	2624.38	-34.52
2644.51	-34.78	2682.70	-35.67	2705.25	-36.00	2727.12	-36.51	2757.97	-37.35
2778.52	-36.98	2799.11	-37.33	2822.63	-37.93	2850.61	-37.78	2870.75	-38.09
2897.84	-38.30	2921.73	-38.37	2943.25	-39.03	2963.66	-39.32	2984.91	-39.15
3005.55	-39.57	3028.41	-39.21	3049.42	-39.66	3073.05	-40.31	3094.23	-40.69
3123.46	-41.38	3148.51	-41.30	3173.44	-41.20	3195.34	-42.06	3216.74	-42.04
3240.73	-42.20	3271.07	-41.96	3291.16	-42.66	3311.96	-42.50	3333.66	-42.81
3356.01	-42.57	3390.57	-43.45	3425.89	-43.54	3446.20	-43.94	3467.75	-43.82
3505.27	-44.20	3543.94	-44.66	3575.17	-44.31	3614.64	-44.69		

R-030	1972	1825927.44	633928.40	60.00	18.58
	13OCT23	21OCT23	157 00	19 138	

-008.61	17.25	-006.92	17.44	-001.51	18.21	004.41	18.20	005.19	18.40
005.88	18.75	012.50	12.82	016.48	9.99	030.00	9.20	043.00	7.90
067.00	6.40	081.00	5.50	099.00	3.70	118.00	1.40	139.00	-0.60
160.00	-2.40	184.00	-3.10	208.00	-5.30	233.00	-5.80	243.13	-5.91
264.75	-6.27	285.58	-3.25	318.28	-3.16	342.58	-3.45	367.96	-3.74
389.86	-3.97	410.46	-4.16	446.29	-4.65	467.22	-5.21	487.44	-6.05
508.89	-6.49	538.50	-7.61	558.93	-8.14	581.34	-8.94	601.89	-9.71
623.27	-10.09	657.07	-12.26	680.07	-12.72	701.86	-13.32	725.86	-13.73
749.99	-14.26	773.24	-13.83	793.42	-12.97	814.41	-12.70	834.73	-12.90
855.16	-13.23	886.80	-13.60	907.32	-14.07	927.51	-14.60	947.93	-14.84
987.02	-15.33	1012.32	-15.18	1041.69	-15.13	1062.34	-15.91	1093.11	-15.81
1133.30	-15.86	1157.67	-16.74	1178.90	-16.74	1200.94	-15.99	1223.84	-16.38
1248.14	-16.75	1268.69	-17.01	1306.30	-17.21	1339.60	-17.68	1363.61	-18.05
1397.37	-18.49	1428.41	-18.85	1453.04	-19.28	1486.58	-19.38	1506.76	-19.66
1542.58	-19.89	1573.89	-20.48	1594.25	-21.21	1616.20	-21.00	1636.42	-21.11
1659.16	-21.76	1683.28	-22.37	1710.08	-22.58	1735.49	-22.86	1758.38	-22.79
1778.62	-23.19	1799.40	-23.65	1820.92	-23.87	1842.18	-24.23	1862.43	-24.50
1883.82	-25.14	1921.00	-25.60	1942.98	-25.96	1963.66	-26.39	1986.65	-26.80

2007.12	-26.87	2027.25	-27.22	2066.49	-27.89	2088.72	-28.42	2122.44	-29.06
2145.39	-29.13	2167.44	-29.42	2187.84	-29.84	2208.26	-30.40	2230.58	-31.31
2255.39	-31.58	2288.98	-32.03	2318.92	-32.40	2343.11	-32.73	2367.83	-33.34
2403.96	-33.76	2430.80	-34.23	2456.22	-34.22	2477.14	-34.54	2508.89	-34.89
2535.11	-35.12	2556.01	-35.46	2578.64	-35.84	2604.59	-36.27	2626.58	-36.64
2658.34	-36.87	2679.05	-37.23	2700.76	-37.46	2722.31	-37.54	2742.82	-38.48
2765.02	-38.96	2799.68	-39.76	2820.58	-40.48	2842.03	-40.66	2863.90	-40.60
2886.05	-40.92	2916.56	-41.26	2938.38	-41.39	2959.29	-41.25	2985.51	-41.55
3008.17	-41.60	3030.98	-41.74	3066.98	-42.02	3092.23	-42.13	3112.55	-42.20
3136.25	-42.39	3160.24	-42.49	3181.18	-42.69	3209.68	-42.75	3241.02	-42.79
3265.01	-42.97	3286.44	-43.20	3308.32	-43.40	3331.52	-43.43	3351.55	-43.77
3389.52	-44.14	3414.21	-44.89	3435.40	-44.23	3455.52	-44.42	3483.38	-44.55
3515.83	-44.82	3541.21	-44.77	3565.18	-45.12	3602.36	-45.55	3627.84	-45.78
3657.77	-45.41	3683.42	-45.67						
R-031	1972	1825032.48	634297.72	60.00	18.07				
	13OCT23	21OCT23	152 00 17 135						

-004.49	17.77	019.66	15.71	022.15	15.42	028.99	12.80	030.95	11.98
042.95	10.45	045.00	10.10	069.00	6.50	090.00	6.30	105.00	5.40
123.00	3.00	140.00	1.00	157.00	-0.70	175.00	-1.90	191.00	-2.40
210.00	-2.70	229.00	-4.40	243.31	-4.49	263.79	-5.74	283.84	-6.73
318.27	-7.23	338.40	-6.82	362.69	-3.20	386.60	-3.48	406.92	-3.90
442.40	-4.04	463.21	-4.22	485.11	-4.85	508.68	-5.62	536.97	-6.45
559.20	-7.54	591.30	-8.23	612.10	-8.81	632.13	-9.58	652.56	-10.40
674.17	-11.01	694.77	-11.45	721.88	-12.12	746.93	-12.57	768.19	-12.92
800.45	-13.26	823.24	-13.57	846.13	-13.67	875.32	-14.56	897.30	-14.68
919.41	-14.19	939.75	-14.26	960.77	-14.73	982.42	-15.05	1004.12	-15.22
1041.41	-15.44	1075.43	-15.73	1095.81	-16.57	1116.55	-16.90	1141.57	-16.48
1171.27	-16.31	1192.62	-16.77	1213.59	-17.17	1245.54	-16.99	1266.02	-17.35
1286.87	-17.22	1306.92	-17.34	1329.41	-17.50	1349.82	-18.33	1376.39	-18.36
1396.85	-18.94	1433.85	-18.81	1459.29	-19.17	1486.18	-19.52	1515.64	-19.57
1537.77	-19.88	1558.04	-20.16	1578.42	-20.58	1601.79	-20.69	1622.20	-21.15
1646.08	-21.84	1670.00	-21.87	1693.02	-22.21	1714.62	-22.54	1734.95	-22.85
1771.28	-23.05	1793.57	-23.34	1813.68	-23.79	1835.71	-24.19	1855.97	-24.46
1877.18	-24.86	1900.87	-24.86	1928.78	-25.24	1954.53	-25.89	1987.18	-26.10
2009.32	-26.53	2030.14	-26.94	2054.71	-26.82	2075.88	-27.16	2108.85	-27.71
2138.26	-27.94	2158.47	-28.24	2187.76	-28.44	2208.61	-28.78	2241.86	-29.11
2262.82	-29.21	2283.10	-29.70	2303.84	-29.70	2332.61	-30.04	2353.92	-30.26

2375.46	-30.48	2399.80	-30.77	2436.70	-31.40	2457.57	-32.58	2480.47	-32.68
2510.79	-32.68	2530.88	-32.01	2551.04	-31.91	2572.37	-31.75	2592.44	-32.11
2614.84	-32.60	2642.26	-33.89	2663.17	-34.94	2685.30	-35.62	2711.68	-35.90
2734.74	-36.28	2754.94	-36.73	2775.33	-37.29	2800.92	-37.31	2821.42	-37.83
2844.52	-38.17	2870.94	-38.25	2907.93	-39.21	2929.40	-39.11	2960.85	-40.02
2984.97	-40.33	3006.88	-40.42	3026.90	-41.10	3049.78	-41.94	3072.60	-41.82
3094.03	-41.73	3119.81	-42.05	3143.45	-42.47	3172.68	-42.67	3193.56	-42.87
3228.01	-43.12	3256.70	-43.23	3296.35	-43.52	3316.66	-43.27	3346.77	-43.89
3368.11	-43.85	3390.19	-43.76	3410.52	-44.37	3434.90	-44.39	3457.81	-44.19
3478.64	-44.62	3499.88	-44.90						
R-032	1972	1824168.04	634676.52	60.00	16.97				
	16OCT23	21OCT23	155 00 17 138						

-016.62	16.59	-003.18	18.19	002.81	17.98	003.38	18.79	006.95	16.62
011.79	11.15	025.00	10.20	031.13	8.86	045.00	6.90	065.00	5.10
087.00	3.50	109.00	2.10	130.00	0.60	152.00	-0.60	176.00	-1.50
199.00	-2.40	224.00	-3.30	248.60	-4.70	268.84	-5.32	290.18	-4.66
313.36	-4.44	352.94	-4.40	381.01	-4.49	410.44	-4.80	432.22	-5.25
452.25	-5.69	472.74	-6.12	496.00	-6.53	519.76	-6.64	540.22	-6.73
580.39	-6.84	616.78	-7.44	636.97	-8.05	661.10	-8.61	681.23	-8.86
706.09	-9.65	728.10	-10.52	750.32	-11.09	771.66	-11.84	791.82	-12.61
820.09	-13.14	843.78	-13.50	870.25	-13.43	900.22	-14.07	920.78	-14.99
941.09	-14.38	961.32	-15.34	981.92	-15.64	1021.30	-15.19	1062.97	-15.56
1087.95	-15.86	1108.65	-15.98	1129.79	-15.83	1164.70	-16.00	1189.56	-16.49
1210.54	-15.99	1230.59	-16.27	1250.62	-16.69	1270.77	-16.85	1310.47	-17.68
1333.80	-17.31	1354.20	-17.61	1374.48	-17.99	1396.32	-18.29	1430.26	-18.64
1451.99	-18.89	1472.75	-19.13	1502.63	-19.34	1540.95	-19.79	1561.25	-20.06
1582.03	-20.41	1602.36	-20.60	1623.26	-20.99	1650.00	-21.39	1670.41	-21.66
1692.39	-21.96	1723.53	-22.28	1745.94	-22.62	1766.60	-22.83	1790.11	-23.17
1814.11	-23.78	1836.88	-23.96	1874.44	-24.50	1904.28	-24.90	1926.92	-25.42
1952.08	-25.65	1974.06	-25.90	1994.87	-26.31	2015.36	-26.41	2036.95	-26.75
2056.97	-27.02	2079.34	-27.59	2110.26	-27.80	2131.42	-28.10	2151.45	-28.52
2180.52	-29.00	2207.18	-29.49	2229.01	-29.83	2250.40	-30.25	2278.19	-30.60
2300.70	-30.94	2324.36	-31.37	2346.46	-31.83	2367.03	-32.02	2387.61	-32.41
2407.66	-32.66	2428.56	-33.28	2448.90	-33.56	2468.98	-33.58	2489.40	-34.26
2515.25	-34.59	2544.06	-34.94	2568.99	-35.24	2591.61	-35.53	2617.12	-35.92
2638.95	-36.57	2662.70	-37.12	2684.88	-36.84	2705.43	-36.57	2737.91	-36.93
2759.74	-38.22	2781.29	-38.65	2802.42	-38.92	2822.65	-39.03	2842.74	-39.35

2867.87	-39.57	2889.71	-39.82	2909.80	-40.10	2932.90	-40.41	2957.12	-40.70
2983.66	-40.71	3013.39	-40.94	3033.82	-41.44	3057.83	-41.56	3079.13	-41.92
3119.39	-41.76	3140.23	-41.85	3163.44	-41.81	3190.85	-41.91	3213.60	-42.09
3234.32	-42.35	3255.11	-42.52	3276.98	-42.93	3300.08	-43.22	3323.99	-43.28
3347.13	-43.24	3381.50	-43.46	3401.58	-43.79	3423.18	-44.13	3445.57	-44.09
3479.00	-44.82	3506.24	-44.85	3533.35	-44.90	3559.05	-44.93	3579.90	-45.17
R-033	1972	1823297.47	635044.52	60.00	16.72				
	09SEP23	21OCT23	150 00	17 133					

-023.43	15.42	-013.57	16.12	001.36	17.57	004.78	15.10	019.56	10.39
039.29	8.87	050.29	9.13	060.67	8.54	083.41	5.20	103.18	2.46
124.76	0.27	146.65	-1.21	169.01	-2.13	195.27	-2.99	227.01	-4.77
252.24	-5.23	278.66	-5.46	305.95	-5.96	326.33	-5.54	347.07	-4.41
367.83	-3.23	388.71	-3.10	422.48	-3.46	443.40	-3.89	464.98	-4.22
485.33	-4.94	505.64	-5.54	541.74	-6.82	563.10	-7.14	583.54	-7.78
604.78	-8.50	629.78	-9.52	660.96	-10.36	683.35	-11.05	710.56	-12.09
731.04	-13.19	769.83	-13.47	789.84	-14.03	813.80	-13.85	839.20	-13.55
862.74	-13.55	887.35	-13.66	907.72	-13.52	935.12	-13.62	960.06	-13.82
991.40	-14.11	1013.71	-14.38	1035.88	-14.68	1057.70	-14.80	1077.72	-14.95
1098.13	-15.49	1125.86	-15.59	1145.87	-15.89	1173.27	-16.06	1193.88	-16.53
1216.98	-16.33	1237.98	-16.80	1258.01	-17.12	1279.82	-17.09	1320.02	-17.11
1340.30	-17.38	1366.32	-17.66	1386.51	-17.92	1407.24	-18.28	1430.93	-18.48
1459.77	-19.06	1480.41	-19.71	1501.08	-19.63	1521.27	-19.96	1541.90	-20.30
1574.26	-20.51	1596.60	-20.88	1621.16	-21.12	1641.78	-21.35	1674.98	-21.90
1699.36	-22.37	1732.51	-22.76	1760.54	-23.27	1786.45	-23.49	1812.26	-23.76
1833.80	-24.05	1855.65	-24.30	1875.93	-24.38	1909.42	-24.57	1929.66	-24.85
1951.32	-25.42	1984.95	-25.55	2018.86	-26.02	2038.86	-26.55	2058.97	-27.23
2079.21	-27.71	2100.88	-28.27	2121.21	-28.56	2143.42	-28.61	2167.81	-28.51
2189.70	-28.22	2223.56	-27.94	2245.53	-28.75	2284.34	-28.77	2304.55	-29.13
2327.92	-29.45	2351.08	-29.93	2388.73	-30.46	2416.76	-29.68	2439.62	-29.60
2464.30	-29.74	2498.29	-30.90	2521.53	-30.64	2541.70	-30.86	2568.09	-31.01
2588.64	-30.38	2619.74	-30.50	2640.16	-31.60	2660.18	-32.08	2683.43	-32.14
2718.20	-32.77	2740.53	-33.78	2760.53	-34.25	2798.50	-34.41	2823.42	-35.46
2845.93	-35.89	2870.01	-35.94	2892.08	-36.68	2912.24	-37.22	2932.49	-37.77
2965.69	-38.80	2989.31	-39.20	3009.38	-39.63	3030.57	-39.89	3051.14	-39.68
3071.22	-40.13	3100.78	-40.72	3138.30	-40.76	3158.84	-40.61	3182.25	-40.96
3213.14	-41.46	3236.13	-41.83	3256.46	-41.69	3277.82	-42.28	3309.62	-41.79
3333.62	-42.30	3355.11	-43.06	3383.71	-43.14	3405.56	-43.40	3430.53	-43.85

3451.88 -44.14 3488.54 -44.18 3509.44 -44.42 3548.98 -44.57 3569.63 -44.85
R-034 1987 1822408.69 635406.26 60.00 16.02
09SEP23 21OCT23 153 00 23 130

-014.95 15.00 -001.38 15.77 005.77 16.34 007.53 14.13 012.83 12.36
027.41 10.02 040.70 9.14 060.09 9.70 070.49 9.73 088.75 5.77
107.53 3.21 124.10 1.39 142.36 -0.32 156.89 -1.53 182.21 -4.17
184.13 -5.26 216.04 -6.47 233.47 -6.42 257.03 -6.73 267.40 -5.97
280.62 -4.83 310.23 -3.31 325.29 -4.07 345.92 -6.52 368.34 -6.25
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516.31 -6.21 565.14 -5.54 586.68 -6.11 608.50 -6.71 628.86 -7.65
649.02 -8.27 669.29 -9.04 689.50 -9.72 712.06 -10.56 733.00 -11.62
754.16 -12.64 774.18 -13.52 795.10 -13.80 815.54 -13.51 849.25 -13.61
870.54 -13.80 906.19 -14.06 928.03 -14.04 962.57 -14.24 983.11 -14.55
1019.91 -15.04 1043.52 -15.29 1074.74 -15.26 1096.12 -15.48 1127.73 -15.54
1161.07 -16.16 1182.61 -15.73 1209.17 -15.89 1232.19 -16.35 1254.79 -16.51
1275.11 -16.70 1297.60 -16.77 1317.96 -17.10 1341.02 -17.37 1373.17 -17.87
1403.64 -18.18 1435.73 -18.38 1464.86 -18.86 1487.22 -19.00 1510.26 -19.25
1537.84 -19.78 1558.29 -20.00 1578.48 -20.37 1599.14 -20.74 1622.88 -20.77
1644.48 -21.31 1666.67 -21.48 1686.75 -21.57 1706.76 -21.96 1726.80 -22.27
1749.58 -22.75 1770.94 -23.11 1799.89 -23.17 1820.51 -23.51 1844.71 -23.95
1879.66 -24.31 1913.51 -24.66 1934.75 -25.05 1957.82 -25.35 1981.90 -25.68
2006.04 -26.11 2027.06 -26.38 2053.36 -26.71 2076.01 -27.08 2103.96 -27.45
2143.50 -27.81 2164.16 -28.51 2192.35 -28.75 2229.08 -28.97 2253.44 -29.29
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2412.34 -31.24 2436.97 -31.61 2460.83 -32.22 2495.92 -32.39 2516.94 -32.73
2538.14 -32.78 2558.23 -33.06 2582.60 -33.55 2622.57 -34.19 2651.36 -35.34
2674.17 -35.54 2695.42 -35.67 2723.02 -35.78 2743.19 -35.92 2765.22 -36.38
2786.84 -36.61 2807.31 -36.90 2829.90 -37.58 2856.24 -37.92 2877.58 -38.51
2902.20 -38.79 2922.64 -39.06 2943.10 -39.34 2965.54 -39.27 2990.33 -39.45
3014.01 -39.64 3045.18 -39.54 3073.80 -39.94 3094.72 -39.84 3122.26 -40.33
3160.14 -40.97 3184.04 -41.42 3205.17 -41.93 3226.08 -41.95 3247.07 -42.55
3273.69 -43.40 3306.06 -43.86 3326.24 -43.70 3354.28 -43.63 3374.67 -43.79
3408.74 -43.69 3430.46 -43.91 3459.72 -44.20 3481.20 -44.20 3516.77 -44.68
3538.79 -44.67 3572.82 -44.89 3593.52 -44.83
R-035 1972 1821547.52 635761.76 60.00 15.29
09SEP23 21OCT23 147 00 19 128

-012.49	13.72	-009.90	14.24	000.90	15.43	013.39	15.91	015.38	13.89
023.18	11.60	032.08	10.27	044.60	9.50	060.68	9.97	070.15	9.71
089.22	6.57	107.53	3.75	125.99	1.23	142.72	-0.66	159.34	-1.87
182.11	-3.15	212.15	-3.96	245.26	-5.05	273.19	-5.37	296.64	-4.30
318.16	-3.79	345.87	-3.90	365.95	-4.09	405.94	-4.53	429.25	-4.83
450.03	-5.24	471.04	-5.73	491.40	-5.89	512.18	-5.65	532.79	-5.36
557.60	-5.56	581.76	-5.93	602.71	-6.79	632.92	-7.58	653.99	-8.44
676.99	-9.42	698.16	-10.17	718.52	-10.67	757.23	-11.66	778.14	-12.18
806.66	-12.77	829.89	-13.21	851.67	-13.57	875.34	-13.71	897.93	-13.91
921.12	-14.66	944.95	-14.54	977.63	-14.67	1000.85	-14.75	1021.04	-14.70
1060.95	-14.76	1089.80	-15.33	1109.90	-15.46	1130.57	-15.35	1152.94	-15.60
1174.24	-16.01	1205.26	-16.58	1236.66	-17.01	1257.33	-16.70	1283.16	-17.03
1318.84	-17.44	1342.27	-17.25	1366.48	-17.41	1389.18	-17.95	1417.26	-18.13
1437.98	-18.53	1469.98	-18.81	1490.02	-19.12	1527.84	-19.39	1551.04	-19.80
1578.70	-20.27	1599.09	-20.41	1621.93	-20.65	1648.50	-21.12	1672.25	-21.43
1692.52	-21.64	1716.54	-21.75	1737.25	-21.99	1757.92	-22.26	1782.11	-22.62
1821.69	-22.95	1841.88	-23.48	1889.23	-23.90	1909.63	-24.50	1930.46	-24.76
1968.07	-25.03	1990.76	-25.30	2021.07	-25.35	2041.36	-25.57	2062.80	-25.80
2084.26	-25.78	2122.22	-26.49	2142.29	-26.85	2169.18	-27.22	2197.73	-27.45
2219.44	-27.71	2249.37	-28.29	2272.15	-28.38	2300.24	-28.51	2326.58	-28.93
2347.87	-29.20	2367.93	-29.40	2388.61	-29.80	2416.72	-29.84	2437.72	-30.43
2476.54	-30.90	2498.82	-31.04	2526.12	-31.11	2546.16	-31.41	2567.16	-31.79
2589.69	-32.29	2612.10	-32.34	2633.87	-32.81	2654.85	-32.98	2676.10	-33.54
2716.12	-33.98	2738.11	-34.19	2766.30	-34.63	2787.69	-35.16	2821.30	-35.26
2841.59	-35.88	2862.35	-36.45	2893.25	-37.03	2929.59	-37.78	2951.29	-38.28
2977.29	-39.02	3002.42	-39.69	3042.98	-39.75	3063.42	-40.45	3084.47	-40.75
3104.84	-41.76	3131.49	-41.65	3159.41	-41.49	3183.51	-41.46	3207.53	-41.38
3240.60	-41.49	3272.92	-41.60	3311.64	-41.89	3333.43	-42.08	3356.61	-42.47
3385.68	-43.08	3406.24	-43.63	3426.48	-43.87	3447.07	-44.27	3477.50	-43.72
3517.09	-43.95	3538.76	-43.88						
R-036	1978	1820676.46	636133.40	60.00	13.48				
	09SEP23	21OCT23	151 00 24 127						
-019.18	12.78	-013.87	13.79	-001.29	13.80	003.10	13.51	010.52	14.21
013.27	13.14	019.78	11.66	031.63	9.75	043.64	8.09	060.32	7.13
079.61	7.00	091.16	7.14	107.99	5.28	128.06	2.19	148.62	-0.34
166.01	-2.44	183.79	-3.97	204.27	-4.82	217.03	-4.77	217.84	-4.84
229.36	-4.33	245.05	-3.50	268.72	-3.06	297.35	-3.41	329.23	-6.81

350.15	-7.68	372.53	-8.21	392.64	-5.81	415.42	-3.78	435.59	-3.45
459.35	-3.71	480.66	-4.07	501.29	-4.61	531.44	-5.68	553.54	-6.22
574.62	-7.11	594.76	-7.85	615.55	-8.56	653.83	-9.76	676.10	-10.33
696.33	-10.81	717.47	-11.51	737.71	-12.21	770.98	-12.49	791.02	-12.96
811.03	-13.46	843.21	-13.46	863.42	-13.88	885.33	-14.46	916.92	-14.21
939.58	-14.86	961.64	-14.88	984.41	-15.07	1023.70	-15.04	1046.32	-15.09
1074.12	-15.30	1094.18	-15.65	1115.26	-16.37	1138.71	-16.07	1159.64	-16.04
1183.81	-15.96	1233.34	-16.23	1253.70	-16.40	1274.21	-17.31	1302.60	-17.30
1328.73	-17.75	1359.14	-17.83	1388.28	-18.22	1417.02	-18.36	1442.83	-18.55
1481.79	-19.09	1507.70	-19.55	1534.17	-19.67	1554.49	-19.89	1590.20	-20.35
1622.25	-20.72	1642.56	-21.11	1682.03	-21.68	1705.11	-22.03	1739.24	-22.43
1766.64	-22.84	1802.86	-23.07	1826.25	-23.42	1846.42	-23.72	1873.94	-24.18
1894.85	-24.41	1917.06	-24.97	1941.57	-25.06	1973.13	-25.46	2000.79	-25.65
2020.90	-25.85	2042.19	-26.04	2063.89	-26.51	2095.66	-26.88	2117.80	-27.10
2138.80	-27.40	2162.87	-27.98	2185.21	-28.25	2217.39	-28.39	2245.06	-28.62
2265.73	-28.95	2288.38	-29.30	2309.50	-29.51	2344.25	-29.67	2364.52	-29.92
2385.58	-30.18	2416.02	-30.68	2454.50	-30.91	2481.05	-31.11	2518.99	-31.53
2542.95	-31.55	2563.39	-31.79	2584.36	-31.96	2605.34	-31.77	2626.08	-31.82
2646.53	-31.69	2666.92	-31.94	2689.68	-32.25	2714.93	-32.89	2737.70	-32.74
2760.36	-33.20	2782.25	-33.37	2803.47	-33.75	2824.07	-34.08	2847.68	-34.51
2874.80	-34.82	2910.42	-34.86	2932.89	-35.28	2956.06	-35.87	2977.62	-36.13
3007.98	-36.79	3030.87	-37.65	3061.16	-38.10	3082.88	-38.59	3110.92	-39.24
3132.07	-40.10	3165.15	-40.19	3204.57	-40.60	3224.70	-40.74	3245.64	-40.97
3265.70	-41.27	3288.01	-41.63	3321.38	-41.89	3346.82	-41.96	3378.06	-42.44
3402.26	-42.65	3441.26	-43.18	3462.04	-44.08	3484.17	-44.58	3507.18	-44.87
3546.06	-44.69								
R-037	1978	1819805.97	636466.93	60.00	13.73				
	09SEP23	21OCT23	147 00 20 127						
-004.38	12.68	014.51	15.84	028.22	14.54	031.53	13.65	041.64	11.73
052.31	10.51	066.23	9.14	080.24	8.14	094.55	6.57	115.76	4.54
133.01	2.90	153.53	0.53	173.26	-1.27	198.43	-3.10	217.69	-3.92
238.17	-5.34	255.74	-6.70	282.02	-7.16	320.23	-7.54	344.15	-7.93
367.40	-6.38	399.34	-3.45	432.24	-3.80	452.42	-4.04	488.44	-4.20
515.47	-4.56	536.07	-5.30	556.31	-5.78	577.08	-6.36	601.83	-6.92
623.19	-7.70	643.74	-8.48	664.56	-9.02	685.00	-9.66	722.83	-10.39
744.39	-11.05	766.86	-11.54	787.01	-11.91	807.46	-12.45	841.95	-12.93
863.48	-13.27	885.14	-13.59	908.69	-13.72	929.11	-14.05	953.48	-14.10

989.22	-14.22	1010.19	-14.57	1031.51	-14.90	1051.70	-15.06	1086.74	-14.90
1108.35	-14.97	1146.93	-15.09	1171.46	-15.37	1192.04	-15.46	1212.14	-15.71
1241.74	-15.86	1261.77	-16.57	1292.13	-16.34	1328.15	-16.45	1350.18	-16.95
1370.35	-17.51	1392.08	-17.56	1423.44	-17.64	1444.64	-18.08	1464.75	-18.59
1484.80	-18.85	1513.11	-18.74	1537.86	-19.22	1562.86	-19.32	1583.69	-19.69
1604.92	-20.03	1631.64	-20.21	1666.78	-20.74	1689.50	-20.79	1709.54	-21.13
1729.80	-21.52	1750.44	-21.69	1782.90	-22.20	1806.03	-22.49	1835.88	-22.84
1859.06	-23.41	1893.06	-23.69	1914.88	-23.77	1935.99	-24.21	1957.20	-24.75
1995.66	-25.12	2021.44	-25.50	2059.68	-25.52	2082.14	-26.20	2103.01	-26.46
2141.39	-26.42	2164.05	-26.78	2187.54	-27.36	2208.17	-28.00	2232.80	-27.96
2258.78	-28.20	2291.02	-28.76	2313.04	-28.91	2333.63	-29.05	2357.64	-29.13
2378.87	-29.73	2419.41	-29.83	2441.84	-30.42	2462.70	-31.04	2489.13	-31.27
2518.98	-31.15	2539.35	-31.63	2559.52	-32.01	2585.64	-32.15	2611.01	-32.30
2631.60	-32.94	2653.30	-32.95	2685.86	-33.34	2707.04	-33.49	2727.75	-34.02
2747.85	-34.43	2779.58	-34.54	2800.23	-35.04	2824.07	-34.74	2851.06	-34.63
2877.18	-34.42	2909.54	-34.25	2931.51	-34.36	2970.64	-34.81	2991.49	-35.55
3011.67	-36.41	3051.42	-36.43	3071.72	-37.00	3093.51	-36.86	3114.09	-37.36
3137.46	-37.64	3157.97	-38.13	3182.36	-38.51	3202.72	-39.10	3235.77	-39.84
3263.56	-40.74	3283.87	-41.80	3305.91	-41.52	3326.49	-42.13	3346.60	-42.66
3366.98	-43.02	3392.34	-43.04	3427.06	-43.22	3447.38	-43.94	3487.50	-44.27
3514.16	-44.52	3534.68	-45.29						
R-038	1972	1818929.70	636848.32	60.00	14.31				
	09SEP23	21OCT23	156 00 21 135						

-026.67	12.89	-010.73	13.63	-003.47	14.92	005.66	14.30	012.63	12.61
015.58	11.45	023.27	10.40	041.14	10.10	050.18	9.68	056.81	8.78
080.28	6.81	099.99	5.08	117.80	3.52	136.81	1.82	157.00	0.28
177.98	-0.80	203.99	-1.95	239.28	-3.57	254.14	-5.17	275.62	-5.59
299.89	-6.23	329.32	-5.68	367.55	-5.67	387.80	-5.24	412.80	-4.67
435.83	-4.11	459.10	-4.60	483.62	-4.92	513.98	-5.72	534.62	-6.24
554.93	-6.58	578.08	-6.71	600.00	-6.59	634.10	-6.47	655.21	-7.13
690.92	-7.65	715.76	-8.03	742.84	-8.71	763.14	-9.82	788.30	-10.46
809.25	-11.16	829.60	-11.80	849.85	-12.52	879.40	-13.18	900.25	-13.48
921.80	-13.85	941.91	-14.00	966.24	-14.25	991.47	-14.55	1017.36	-14.71
1037.48	-14.80	1063.17	-15.00	1085.92	-15.60	1108.22	-15.55	1132.16	-15.54
1156.26	-15.55	1193.86	-15.87	1213.90	-16.22	1239.03	-16.20	1261.84	-16.42
1281.97	-16.64	1313.73	-16.83	1334.82	-17.11	1357.50	-17.14	1379.52	-17.44
1399.80	-17.70	1420.85	-17.94	1441.28	-18.17	1465.86	-18.15	1488.08	-18.72

1515.72	-18.88	1536.82	-19.13	1557.01	-19.45	1578.08	-19.72	1598.38	-20.08
1618.40	-20.48	1639.42	-20.69	1665.93	-20.92	1688.45	-21.21	1714.52	-21.54
1737.18	-21.98	1763.06	-22.32	1783.79	-22.38	1804.16	-22.75	1827.57	-23.10
1849.17	-23.49	1883.42	-23.87	1910.28	-24.37	1937.03	-24.57	1964.88	-24.91
1985.08	-25.08	2007.32	-25.40	2033.21	-25.80	2060.80	-26.12	2089.36	-26.54
2110.04	-26.64	2131.84	-27.07	2155.40	-27.39	2182.81	-27.59	2203.39	-27.88
2224.76	-28.21	2264.25	-28.97	2287.69	-29.17	2308.43	-29.29	2328.49	-29.77
2350.81	-29.90	2371.44	-30.06	2392.63	-30.46	2427.04	-30.51	2447.64	-30.78
2468.42	-31.19	2493.64	-31.49	2528.88	-31.93	2552.42	-32.28	2578.53	-32.44
2599.54	-32.71	2619.77	-32.96	2640.89	-33.18	2661.91	-33.76	2706.41	-34.20
2733.58	-34.52	2754.58	-34.97	2793.01	-35.23	2813.07	-36.21	2845.49	-36.50
2870.00	-36.70	2890.08	-36.57	2910.96	-36.74	2950.57	-37.01	2979.96	-37.38
3000.00	-37.66	3020.50	-37.89	3041.66	-38.06	3068.46	-38.30	3092.36	-38.09
3120.78	-38.24	3141.49	-39.26	3168.79	-39.85	3190.68	-39.94	3211.10	-40.28
3232.69	-40.78	3253.86	-41.24	3274.00	-41.43	3296.00	-41.68	3316.25	-42.11
3342.48	-42.64	3372.84	-42.78	3404.10	-42.86	3432.08	-43.15	3457.84	-43.26
3478.38	-43.41	3500.60	-43.94	3522.31	-44.30	3545.79	-44.56	3569.20	-45.34
3594.05	-45.50								

R-039	1978	1818051.95	637187.20	60.00	15.06
	09SEP23	21OCT23	153 00 25 128		

-017.19	13.71	-006.90	14.99	-000.63	14.94	009.40	12.28	016.67	12.71
028.62	12.65	037.75	12.54	041.24	11.56	052.45	10.17	063.87	9.03
075.79	8.41	090.13	8.67	099.94	8.59	120.49	5.39	139.95	3.31
160.38	1.28	181.30	-0.13	201.74	-1.08	216.47	-1.64	237.80	-2.74
260.88	-3.66	287.16	-4.79	367.97	-5.93	398.04	-6.81	426.28	-6.17
438.43	-6.95	458.97	-5.53	485.53	-4.79	506.37	-4.95	535.16	-5.19
555.19	-5.49	576.59	-6.04	608.03	-6.63	628.69	-7.29	649.16	-7.93
669.72	-8.58	702.88	-9.50	723.05	-10.19	744.06	-10.96	764.85	-11.47
785.88	-11.79	814.03	-12.58	834.48	-13.10	854.82	-13.46	882.61	-13.79
904.40	-14.22	932.47	-14.58	954.80	-14.61	981.10	-14.54	1003.06	-14.81
1032.12	-15.07	1054.42	-15.28	1074.84	-15.07	1096.28	-14.92	1125.98	-15.17
1147.50	-15.13	1170.89	-15.28	1192.28	-15.62	1213.14	-16.09	1246.24	-15.94
1267.19	-16.33	1293.86	-16.32	1315.16	-16.44	1336.70	-16.93	1360.06	-17.25
1385.44	-17.09	1406.23	-17.41	1438.55	-17.63	1458.82	-17.83	1479.82	-18.20
1512.31	-18.56	1533.76	-18.88	1554.33	-19.36	1574.71	-19.60	1595.94	-19.94
1624.22	-19.91	1655.20	-20.31	1677.33	-20.69	1701.09	-20.95	1737.40	-21.25
1757.68	-21.67	1778.56	-22.06	1801.68	-22.48	1822.40	-22.41	1859.66	-23.10

1879.90	-23.42	1901.31	-23.60	1926.28	-23.92	1947.94	-24.41	1979.19	-24.62
2000.70	-24.98	2030.42	-25.21	2050.57	-25.59	2072.93	-25.98	2096.98	-26.23
2129.44	-26.61	2156.78	-27.12	2180.42	-27.56	2206.68	-27.56	2246.72	-28.35
2285.05	-28.26	2305.82	-28.70	2344.39	-29.42	2374.09	-29.61	2406.11	-29.80
2432.74	-30.36	2464.82	-30.33	2485.31	-30.98	2510.64	-31.15	2548.11	-31.78
2576.91	-32.18	2597.24	-32.51	2618.20	-32.57	2658.86	-32.81	2679.12	-33.21
2699.93	-33.54	2723.56	-33.69	2746.40	-33.45	2768.20	-33.95	2792.39	-34.21
2812.80	-34.59	2846.57	-34.90	2888.52	-35.21	2909.70	-35.70	2943.54	-35.64
2969.28	-35.80	2990.35	-36.23	3014.24	-36.83	3042.53	-36.76	3062.54	-37.14
3083.48	-37.29	3106.69	-37.41	3129.34	-37.63	3149.40	-37.80	3169.86	-38.16
3190.84	-38.95	3229.62	-38.90	3258.92	-39.36	3280.69	-40.26	3301.58	-40.11
3323.78	-40.18	3366.06	-41.79	3386.34	-42.86	3413.19	-42.40	3433.26	-43.05
3455.95	-43.52	3481.10	-43.56	3501.22	-44.37	3529.33	-44.26	3552.82	-44.70
3580.00	-45.09	3602.85	-44.66	3629.08	-45.30				
R-040	1972	1817213.37	637596.58	60.00	15.42				
	09SEP23	21OCT23	148 00	18 130					

005.08	15.05	013.14	14.30	013.15	14.28	014.16	14.30	014.54	9.66
022.25	9.24	040.65	8.85	047.41	8.17	059.42	6.73	074.49	4.55
094.70	1.98	114.71	-0.06	134.87	-1.60	154.66	-2.94	175.93	-4.82
209.60	-5.75	262.66	-4.77	280.69	-3.61	307.20	-4.91	328.41	-5.94
364.96	-6.74	387.31	-6.71	407.96	-7.03	429.78	-6.80	462.16	-6.37
524.50	-5.41	544.84	-5.87	576.15	-6.58	596.50	-6.85	617.22	-7.54
637.44	-8.29	659.44	-8.81	679.81	-9.46	700.75	-10.16	721.31	-10.64
741.70	-11.19	762.34	-11.94	782.92	-12.73	803.70	-13.36	834.85	-13.32
855.02	-14.22	875.88	-14.78	896.43	-14.22	926.16	-14.48	946.50	-14.78
969.37	-14.92	1008.85	-15.07	1034.54	-15.43	1068.71	-15.59	1108.88	-15.58
1159.58	-16.09	1179.87	-16.50	1200.12	-16.78	1229.27	-16.64	1249.70	-17.28
1284.68	-16.95	1306.29	-17.24	1326.97	-17.45	1351.48	-17.59	1371.69	-17.55
1395.40	-18.07	1416.42	-18.31	1441.72	-18.45	1463.39	-18.64	1486.06	-18.91
1523.46	-19.67	1544.48	-19.87	1567.10	-20.10	1597.23	-20.87	1636.18	-21.15
1659.16	-21.27	1679.86	-21.45	1702.73	-21.86	1724.29	-22.51	1747.55	-22.54
1770.30	-22.71	1792.19	-23.12	1812.84	-23.44	1836.34	-23.62	1857.31	-24.16
1882.16	-24.45	1909.70	-24.59	1930.64	-24.89	1952.59	-25.24	1979.33	-25.55
2003.18	-25.80	2027.61	-26.07	2048.00	-26.69	2075.14	-26.90	2103.30	-27.20
2124.88	-27.55	2154.05	-28.00	2181.09	-28.31	2207.48	-28.59	2232.31	-28.99
2256.91	-29.34	2295.02	-29.70	2326.77	-30.05	2348.65	-30.41	2372.42	-30.77
2392.92	-30.92	2413.13	-31.27	2435.28	-31.65	2463.26	-31.89	2483.97	-32.25

2513.55	-32.67	2541.31	-33.03	2567.32	-33.11	2589.18	-33.61	2619.80	-33.96
2658.68	-34.06	2683.84	-34.28	2704.09	-34.68	2725.37	-34.90	2753.81	-35.07
2778.96	-35.49	2806.15	-35.65	2827.84	-35.78	2848.90	-36.09	2870.01	-36.45
2907.71	-36.92	2944.10	-37.09	2965.11	-37.87	2997.68	-37.93	3020.32	-38.33
3043.35	-38.61	3064.58	-39.09	3086.14	-39.53	3111.06	-40.11	3133.44	-40.41
3157.19	-41.07	3177.28	-41.28	3198.56	-41.58	3235.58	-42.27	3255.92	-43.20
3289.78	-42.79	3310.84	-43.16	3334.20	-43.28	3372.79	-43.44	3407.34	-43.53
3436.32	-43.43	3460.05	-43.10	3483.71	-43.56	3512.24	-43.77	3542.09	-43.83
3562.50	-44.34	3587.20	-44.56	3608.97	-44.84				
R-041	1972	1816313.73	637892.74	60.00	11.85				
	09SEP23	21OCT23	145 00 17 128						

011.59	11.63	023.70	12.08	036.35	12.61	038.29	11.92	049.38	10.14
063.62	9.15	077.89	9.22	091.97	9.21	110.72	6.96	129.47	5.08
150.14	2.84	171.71	0.84	192.06	-0.38	211.96	-1.11	232.91	-1.89
259.36	-2.87	295.48	-4.43	346.69	-7.69	374.49	-7.08	409.60	-6.90
429.74	-6.80	450.18	-3.50	487.31	-4.10	507.68	-4.67	528.46	-4.83
548.75	-5.24	568.88	-5.76	589.92	-6.15	610.82	-6.85	631.98	-7.49
653.60	-8.05	677.73	-9.10	699.04	-9.59	722.77	-10.01	744.46	-10.60
764.74	-10.78	784.99	-11.46	822.77	-11.34	848.80	-12.29	875.50	-11.89
904.65	-12.78	929.32	-13.03	953.48	-13.13	991.34	-13.67	1012.10	-13.79
1045.79	-14.58	1067.14	-14.99	1087.15	-15.09	1127.44	-15.13	1147.51	-15.33
1170.51	-15.27	1198.73	-15.36	1220.52	-15.76	1254.10	-16.38	1275.84	-16.26
1295.93	-16.26	1332.68	-16.66	1356.98	-16.60	1380.20	-16.92	1401.06	-17.20
1422.01	-17.35	1442.52	-18.22	1481.66	-18.22	1510.00	-18.34	1546.82	-18.60
1567.84	-18.77	1588.13	-19.19	1619.46	-19.61	1640.61	-20.19	1662.91	-20.30
1682.95	-20.69	1704.16	-20.91	1724.67	-21.32	1751.56	-21.42	1773.12	-21.52
1793.52	-22.10	1814.12	-22.40	1834.75	-22.64	1863.36	-23.02	1892.17	-23.47
1913.29	-23.39	1933.38	-23.66	1962.78	-24.15	1985.86	-24.43	2006.84	-24.91
2027.23	-25.21	2048.45	-25.29	2080.36	-25.93	2100.60	-26.18	2121.44	-26.82
2147.65	-26.82	2184.30	-27.08	2204.92	-27.57	2233.41	-27.87	2255.60	-28.10
2277.89	-28.41	2310.36	-28.82	2333.14	-29.21	2361.41	-29.49	2382.50	-29.70
2408.04	-30.29	2437.39	-30.54	2462.12	-30.77	2493.66	-31.24	2513.93	-31.48
2547.16	-31.80	2568.02	-32.16	2594.90	-32.61	2619.34	-32.96	2646.19	-33.30
2681.63	-33.66	2701.96	-34.00	2726.52	-34.21	2755.12	-34.34	2790.91	-35.10
2811.82	-35.28	2832.20	-35.38	2853.99	-35.84	2879.04	-36.30	2911.86	-36.39
2932.46	-36.54	2954.26	-36.59	2975.66	-37.00	2996.42	-37.80	3027.67	-37.43
3048.49	-37.91	3068.68	-38.39	3095.28	-38.63	3123.87	-38.87	3149.86	-39.22

3187.56	-39.31	3209.97	-39.59	3230.26	-40.04	3263.84	-40.30	3285.93	-40.81
3306.92	-41.35	3346.14	-41.57	3370.98	-42.02	3395.73	-42.03	3416.31	-42.34
3461.42	-42.77	3481.78	-43.27	3515.02	-43.68	3535.58	-44.07	3560.63	-44.17
R-042	1972	1815387.57	638276.32	60.00	12.23				
	19OCT23	21OCT23	152 00 21 131						

008.05	12.51	009.43	12.47	010.40	12.76	020.14	11.79	033.60	10.72
050.00	9.50	061.00	7.60	072.00	6.60	083.00	6.40	100.00	6.60
113.00	6.70	125.00	5.50	143.00	4.00	166.00	2.50	185.00	1.70
198.00	1.30	223.00	0.20	250.00	-1.50	271.00	-2.10	295.00	-2.50
315.00	-4.10	343.52	-5.12	366.92	-6.22	388.08	-6.20	411.66	-6.99
431.72	-8.15	452.16	-7.77	472.55	-6.66	492.92	-6.15	513.03	-5.74
550.18	-5.36	572.68	-5.59	593.31	-5.33	616.56	-5.52	642.07	-5.66
663.06	-6.19	683.99	-7.03	715.06	-8.32	735.89	-8.98	756.22	-9.63
777.29	-10.61	798.38	-11.09	828.28	-12.07	848.67	-12.64	870.40	-12.87
891.22	-13.27	913.08	-13.65	941.46	-13.92	961.96	-14.30	990.46	-14.85
1010.90	-15.03	1054.45	-15.11	1076.16	-15.36	1112.14	-15.46	1132.68	-15.48
1163.67	-15.60	1191.50	-15.93	1215.84	-16.14	1238.97	-16.29	1265.88	-16.44
1287.80	-16.46	1309.60	-16.57	1335.74	-17.02	1357.10	-17.23	1396.80	-17.52
1424.17	-17.62	1444.36	-17.83	1466.44	-18.28	1497.16	-18.59	1529.06	-18.75
1550.29	-19.02	1571.74	-19.30	1592.20	-19.68	1612.27	-19.71	1633.18	-20.08
1655.90	-20.58	1678.94	-20.62	1700.85	-20.80	1721.04	-21.25	1748.54	-21.62
1776.14	-21.83	1798.86	-22.20	1823.82	-22.65	1857.88	-22.95	1886.44	-23.21
1906.99	-23.63	1928.44	-24.10	1950.97	-24.29	1973.54	-24.63	2001.12	-24.91
2034.57	-25.33	2055.58	-25.48	2075.66	-25.63	2097.60	-26.15	2126.49	-26.56
2149.13	-26.91	2170.79	-27.15	2192.31	-27.62	2227.14	-28.09	2249.58	-28.16
2270.51	-28.52	2300.23	-28.82	2321.58	-29.33	2341.96	-29.52	2362.26	-29.87
2384.69	-30.16	2411.76	-30.63	2433.84	-30.79	2463.50	-31.34	2484.51	-31.64
2514.36	-31.93	2537.46	-32.28	2577.74	-33.25	2610.80	-33.33	2631.71	-33.65
2658.52	-34.01	2698.42	-34.43	2718.52	-34.84	2741.77	-35.19	2765.36	-35.67
2786.05	-35.62	2807.91	-35.93	2832.01	-36.26	2859.68	-36.60	2889.53	-36.90
2919.34	-37.01	2942.18	-37.41	2970.64	-37.58	2992.42	-37.76	3019.18	-38.15
3045.84	-38.29	3069.83	-38.66	3089.97	-38.81	3110.98	-39.22	3135.21	-39.51
3160.14	-39.55	3188.66	-39.65	3210.42	-39.95	3233.86	-40.51	3260.60	-40.54
3281.67	-40.65	3302.21	-40.90	3332.78	-41.23	3355.57	-41.48	3376.09	-41.78
3396.20	-42.00	3422.27	-42.35	3446.48	-42.14	3483.75	-42.44	3505.01	-42.93
3529.55	-43.55	3552.44	-43.82						
R-043	1972	1814543.67	638599.23	60.00	12.93				

19OCT23 21OCT23 152 00 17 135

005.80	14.91	015.83	14.45	022.60	13.64	026.65	12.64	033.93	11.69
043.79	10.83	060.00	9.30	080.00	8.90	102.00	7.00	125.00	5.60
144.00	4.80	166.00	3.20	188.00	1.20	212.00	-0.50	260.00	-2.50
285.00	-3.20	301.00	-4.10	320.04	-6.45	349.06	-6.80	369.50	-7.18
396.58	-7.29	418.18	-7.51	439.62	-7.47	467.99	-7.45	491.32	-7.30
518.72	-7.31	550.33	-7.32	570.70	-7.65	591.31	-6.93	614.62	-6.05
649.60	-6.22	670.29	-6.89	708.57	-7.69	729.02	-8.21	749.30	-8.79
769.72	-9.45	790.23	-10.24	828.89	-11.76	852.60	-12.47	876.30	-13.18
898.89	-13.64	924.62	-14.03	961.12	-14.23	982.35	-14.55	1014.46	-14.63
1038.38	-14.70	1059.14	-14.40	1079.26	-14.77	1099.44	-15.06	1135.84	-15.38
1165.91	-15.85	1202.58	-15.85	1227.16	-15.80	1260.62	-15.88	1287.26	-16.20
1316.61	-16.54	1342.46	-16.51	1370.38	-16.77	1390.67	-17.30	1411.83	-17.41
1434.76	-17.62	1466.40	-17.90	1488.26	-17.94	1524.40	-18.31	1546.35	-18.69
1572.54	-18.54	1597.20	-19.04	1618.66	-19.50	1646.95	-20.10	1676.72	-20.40
1697.22	-20.77	1725.27	-21.09	1752.33	-21.41	1772.36	-21.76	1794.66	-21.80
1818.19	-22.12	1842.07	-22.25	1862.66	-22.74	1882.94	-23.12	1904.78	-23.40
1927.20	-23.75	1949.42	-24.16	1970.80	-24.46	1991.78	-24.69	2012.06	-24.87
2045.23	-25.08	2072.86	-25.66	2093.45	-25.70	2115.36	-26.23	2136.67	-26.44
2156.94	-26.86	2188.77	-27.14	2211.06	-27.48	2232.50	-28.02	2270.98	-28.06
2293.16	-28.41	2315.67	-28.86	2336.52	-29.08	2356.86	-29.42	2376.88	-29.96
2411.40	-30.36	2431.44	-30.54	2452.02	-31.14	2479.28	-31.10	2500.88	-31.18
2525.92	-31.69	2546.81	-32.15	2566.91	-32.50	2595.08	-32.46	2624.69	-33.33
2651.16	-33.23	2672.65	-33.39	2693.97	-33.82	2720.12	-34.04	2740.26	-34.42
2769.10	-35.08	2805.34	-34.95	2825.80	-35.29	2846.36	-35.93	2869.76	-36.00
2891.97	-36.25	2916.24	-36.39	2937.29	-36.68	2957.74	-37.09	2978.17	-37.89
3008.54	-37.65	3045.59	-37.72	3066.26	-38.09	3089.20	-38.41	3120.62	-38.44
3141.16	-38.77	3165.15	-39.18	3187.39	-39.20	3207.88	-39.79	3228.78	-39.72
3249.87	-40.35	3274.74	-39.95	3295.65	-40.28	3316.46	-40.61	3337.50	-40.90
3363.49	-41.04	3383.74	-41.18	3404.31	-42.11	3436.61	-41.78	3461.12	-42.44
3483.35	-42.99	3507.29	-42.79	3527.46	-43.50	3562.86	-43.72	3583.45	-43.90
3605.69	-44.23	3637.20	-44.42						
R-044	1972	1813665.62	638969.44	60.00	12.89				
	19OCT23	21OCT23	147 00	18 129					
-000.42	14.50	024.31	18.17	031.64	17.41	038.72	17.52	042.87	13.80
056.02	10.26	070.00	8.90	088.00	6.90	108.00	4.70	129.00	3.60

152.00	2.40	177.00	1.00	200.00	-0.20	225.00	-1.60	250.00	-2.60
270.00	-3.60	292.00	-5.10	310.00	-7.10	329.37	-7.55	367.38	-7.70
388.10	-5.11	416.68	-4.69	437.04	-4.42	457.09	-4.70	498.69	-4.80
519.94	-5.13	540.99	-5.32	562.46	-5.70	582.58	-6.60	619.80	-7.22
649.62	-7.71	670.50	-8.51	690.92	-9.10	723.62	-9.98	743.98	-10.60
767.29	-11.31	787.58	-11.75	807.71	-12.38	843.94	-13.30	864.04	-14.00
895.31	-14.58	926.46	-14.45	946.82	-14.31	967.40	-14.69	988.36	-14.82
1008.44	-14.89	1046.15	-15.06	1067.28	-15.24	1089.28	-15.35	1109.40	-15.52
1138.48	-15.56	1164.12	-15.77	1204.09	-15.89	1241.74	-16.42	1263.84	-16.39
1283.86	-16.56	1320.08	-16.76	1343.42	-16.99	1363.71	-17.26	1384.67	-17.33
1410.47	-17.65	1440.58	-18.44	1464.42	-17.91	1489.16	-18.32	1522.64	-18.64
1548.08	-18.89	1570.14	-19.25	1591.48	-19.60	1614.80	-19.77	1639.26	-20.06
1664.13	-20.42	1695.31	-20.76	1720.02	-21.17	1747.19	-21.42	1780.27	-21.88
1804.86	-22.17	1835.80	-22.65	1858.22	-22.83	1897.54	-23.75	1931.91	-23.83
1952.18	-24.17	1973.60	-24.50	1993.91	-24.86	2016.73	-24.93	2036.89	-25.23
2057.83	-25.80	2085.06	-26.07	2106.67	-26.18	2129.11	-26.67	2150.11	-27.04
2170.36	-27.34	2192.74	-27.39	2231.55	-27.89	2252.22	-28.27	2273.12	-28.68
2299.52	-28.73	2322.17	-29.22	2354.78	-29.63	2375.20	-30.08	2405.52	-30.57
2431.16	-30.91	2469.71	-31.36	2495.55	-31.67	2517.16	-31.80	2537.59	-32.29
2565.08	-32.53	2587.38	-32.80	2609.13	-33.14	2630.07	-33.47	2651.11	-33.74
2679.12	-34.02	2700.54	-34.44	2722.90	-34.52	2744.86	-34.82	2767.48	-35.03
2795.51	-35.42	2824.65	-35.77	2846.35	-35.77	2868.62	-36.15	2902.29	-36.58
2925.22	-36.99	2950.70	-37.15	2976.40	-37.30	2998.50	-37.75	3019.92	-37.77
3049.56	-38.09	3084.30	-38.20	3105.28	-38.35	3125.51	-38.45	3153.29	-38.56
3175.16	-38.60	3197.19	-38.92	3221.30	-39.42	3244.24	-39.64	3275.82	-39.95
3304.16	-40.13	3330.94	-40.64	3353.46	-40.52	3376.75	-40.71	3413.56	-41.19
3450.89	-41.32	3476.69	-41.55	3497.31	-41.86	3517.40	-42.21	3541.65	-42.18
3565.59	-42.18	3585.82	-42.53						
R-045	1972	1813080.32	639229.47	60.00	15.36				
	19OCT23	21OCT23	151 00 20 131						
006.95	14.64	008.14	14.64	008.39	12.74	014.27	12.06	023.90	10.82
050.00	9.40	066.00	7.50	084.00	5.80	103.00	4.80	127.00	3.20
152.00	1.80	176.00	0.70	200.00	-0.40	226.00	-1.60	247.00	-2.50
257.00	-3.00	278.00	-4.30	298.00	-4.60	312.00	-7.30	330.00	-7.90
343.73	-8.21	363.98	-8.02	387.69	-7.68	427.06	-7.09	458.43	-6.85
482.87	-6.99	505.66	-7.48	528.91	-7.60	549.40	-6.43	569.75	-5.12
595.95	-5.36	616.36	-6.12	636.84	-6.70	667.81	-7.61	691.16	-8.31

711.82	-9.07	732.34	-9.93	752.51	-10.56	772.64	-11.27	793.06	-11.92
813.74	-12.47	834.29	-13.19	859.20	-13.67	886.10	-14.11	908.38	-14.37
930.65	-14.61	955.78	-14.85	990.26	-15.00	1016.75	-15.31	1044.61	-15.28
1066.94	-15.24	1088.52	-15.03	1108.62	-15.59	1131.63	-15.71	1152.26	-15.62
1192.55	-15.58	1214.00	-15.92	1235.91	-16.04	1260.47	-16.26	1281.98	-16.30
1303.81	-16.46	1339.80	-16.56	1359.88	-16.87	1385.47	-16.98	1406.01	-17.26
1437.60	-17.62	1460.74	-17.94	1489.86	-18.38	1511.64	-18.45	1532.06	-18.84
1553.04	-19.25	1588.27	-19.58	1626.80	-19.86	1647.12	-20.27	1670.39	-20.61
1700.40	-20.62	1721.51	-21.13	1741.59	-21.44	1761.91	-21.84	1782.58	-22.06
1814.36	-22.34	1838.71	-22.98	1858.78	-23.39	1881.41	-23.19	1923.92	-23.68
1947.25	-24.45	1969.44	-24.47	1990.89	-24.85	2016.70	-25.19	2036.92	-25.70
2058.59	-25.90	2080.77	-25.94	2101.74	-26.18	2122.71	-26.82	2152.60	-27.06
2187.54	-27.45	2207.62	-27.81	2229.80	-28.26	2254.91	-28.22	2275.13	-28.56
2299.31	-29.18	2322.77	-29.52	2346.00	-29.67	2374.32	-30.14	2398.07	-30.47
2430.05	-30.52	2451.49	-30.88	2472.01	-31.16	2492.67	-31.79	2526.82	-31.99
2546.97	-32.38	2570.58	-33.05	2595.24	-33.12	2619.59	-33.17	2639.66	-33.69
2659.72	-33.90	2679.77	-34.01	2700.15	-34.29	2730.22	-34.80	2750.78	-35.31
2774.09	-35.42	2794.54	-35.72	2814.85	-36.10	2843.59	-36.24	2878.71	-36.49
2900.16	-37.09	2929.44	-37.17	2957.44	-37.49	2982.54	-38.03	3022.72	-38.24
3050.15	-38.49	3079.58	-38.44	3100.39	-39.40	3126.26	-39.49	3146.77	-39.56
3173.97	-39.55	3197.72	-39.71	3218.96	-40.16	3239.40	-40.42	3266.83	-40.55
3289.74	-41.04	3315.12	-41.12	3339.90	-41.38	3372.97	-42.10	3410.24	-42.40
3431.90	-42.75	3466.74	-43.04	3486.88	-43.63	3511.42	-44.01	3547.80	-44.31
3568.87	-44.92								
R-046	1987	1812032.86	639543.24	60.00	21.08				
	19OCT23	21OCT23	152 00 20 132						
090.99	18.11	092.12	18.12	092.35	13.81	105.42	11.89	119.02	10.31
138.51	8.98	150.00	8.70	168.00	8.60	179.00	7.80	202.00	5.70
223.00	4.50	244.00	3.70	269.00	2.50	289.00	1.10	312.00	0.20
337.00	-0.80	350.00	-1.60	380.00	-2.50	400.00	-3.70	414.00	-5.70
418.78	-5.90	438.95	-6.69	459.85	-6.27	480.72	-6.86	500.91	-7.64
522.25	-7.40	556.37	-7.49	581.67	-7.84	601.92	-6.97	622.06	-5.21
662.24	-4.83	682.44	-5.23	702.46	-5.78	722.68	-6.15	744.36	-6.78
765.31	-7.44	785.77	-8.34	806.64	-8.87	828.14	-9.86	850.36	-10.61
889.10	-11.44	909.98	-12.13	931.10	-12.52	951.26	-12.95	981.91	-13.53
1003.61	-13.97	1026.58	-14.32	1047.27	-14.53	1070.94	-14.70	1104.61	-14.91
1129.58	-15.13	1156.71	-15.16	1188.29	-15.40	1209.52	-15.45	1244.35	-15.51

1267.32	-15.92	1301.56	-16.09	1338.80	-16.39	1365.11	-16.41	1385.86	-16.87
1407.76	-16.56	1428.54	-16.89	1451.28	-17.11	1472.06	-17.14	1506.06	-17.41
1526.86	-17.76	1550.58	-17.88	1571.20	-17.98	1591.66	-18.33	1612.39	-18.59
1632.42	-18.65	1652.84	-19.06	1677.74	-19.40	1701.89	-19.53	1726.78	-19.79
1751.72	-20.22	1780.82	-20.50	1802.51	-20.77	1835.49	-21.06	1857.58	-21.45
1878.68	-21.88	1906.36	-22.05	1926.90	-22.37	1947.66	-22.90	1984.98	-23.18
2005.12	-23.47	2034.59	-23.93	2055.04	-24.20	2083.24	-24.56	2104.66	-25.02
2126.01	-25.12	2165.55	-25.70	2192.38	-26.12	2213.82	-26.52	2242.10	-26.84
2263.34	-26.94	2283.83	-27.34	2303.98	-27.67	2324.32	-28.08	2349.80	-28.31
2371.62	-28.89	2404.05	-29.10	2426.96	-29.50	2447.42	-29.62	2469.51	-29.98
2502.82	-30.52	2524.25	-30.77	2544.32	-30.91	2565.27	-31.40	2585.36	-31.86
2611.23	-32.08	2632.55	-32.40	2660.60	-33.00	2698.00	-33.56	2721.28	-33.72
2751.00	-34.10	2772.40	-34.46	2792.60	-34.82	2817.14	-35.20	2857.65	-35.74
2882.77	-36.14	2905.03	-36.71	2926.47	-36.49	2963.69	-36.81	2984.59	-37.29
3007.63	-37.58	3039.47	-37.74	3060.19	-38.03	3084.50	-38.37	3106.44	-38.37
3127.55	-38.67	3148.57	-39.02	3173.07	-39.36	3193.45	-39.41	3227.31	-39.75
3255.52	-40.04	3279.43	-40.57	3304.54	-40.68	3343.39	-40.94	3364.61	-41.02
3386.31	-41.34	3406.41	-41.72	3427.31	-41.83	3450.14	-42.03	3471.03	-42.30
3491.36	-42.73	3519.38	-43.28	3552.95	-43.68	3578.34	-43.85	3599.74	-44.07
3622.85	-44.71	3647.33	-45.18						
R-047	1972	1811090.86	639983.69	60.00	16.29				
	19OCT23	21OCT23	155 00 26 129						

038.11	17.78	039.39	17.79	039.55	17.51	052.49	16.37	068.91	15.06
081.88	9.47	100.00	8.80	123.00	6.40	146.00	4.40	168.00	2.80
189.00	1.70	209.00	1.20	229.00	0.70	249.00	0.50	269.00	0.10
289.00	-0.20	307.00	-0.60	328.00	-1.50	345.00	-2.20	356.00	-3.30
376.00	-4.00	388.00	-4.40	405.00	-5.10	419.00	-3.10	431.00	-2.90
448.00	-2.80	455.38	-2.93	465.00	-3.10	483.78	-3.58	511.23	-3.82
531.65	-4.10	554.50	-4.47	576.80	-4.90	602.02	-5.50	622.28	-6.28
642.74	-7.10	671.94	-7.59	704.56	-8.20	725.13	-8.71	745.81	-9.43
768.59	-10.04	788.62	-10.54	810.06	-11.04	833.34	-11.59	853.86	-12.23
876.68	-12.89	899.63	-13.27	928.37	-13.71	953.18	-14.16	977.35	-14.52
998.11	-14.40	1020.65	-14.49	1058.02	-14.83	1078.57	-15.01	1103.70	-15.20
1127.32	-15.44	1148.10	-15.30	1182.01	-15.47	1206.27	-15.65	1231.05	-15.75
1255.39	-16.19	1279.02	-16.24	1306.62	-16.47	1334.30	-16.28	1363.50	-17.07
1390.44	-16.62	1412.10	-17.02	1438.71	-17.45	1458.90	-17.48	1492.64	-17.88
1513.92	-18.07	1535.48	-18.31	1568.06	-18.53	1588.67	-18.75	1609.73	-19.01

1632.84	-19.41	1658.62	-19.71	1684.96	-19.97	1714.63	-20.25	1743.80	-20.71
1765.90	-20.95	1787.16	-21.03	1808.96	-21.39	1829.29	-21.77	1854.78	-21.99
1874.80	-22.48	1900.51	-22.41	1922.29	-23.19	1942.69	-23.29	1963.26	-23.44
1988.97	-23.82	2016.67	-24.28	2051.90	-24.79	2072.05	-25.01	2100.00	-25.27
2121.82	-25.79	2142.73	-26.15	2164.10	-26.51	2211.40	-27.17	2231.74	-27.39
2266.85	-27.91	2290.73	-28.16	2322.26	-28.78	2342.88	-29.25	2363.92	-28.97
2384.02	-29.36	2404.80	-29.53	2425.75	-30.03	2447.25	-30.35	2480.13	-30.95
2500.83	-31.15	2522.89	-31.85	2559.24	-31.71	2580.33	-32.36	2608.86	-32.64
2629.00	-32.78	2658.85	-33.10	2679.70	-33.71	2709.74	-33.68	2732.07	-33.92
2752.32	-34.35	2780.90	-34.77	2805.45	-34.89	2827.76	-35.05	2848.18	-35.76
2868.64	-35.34	2900.49	-35.87	2921.74	-36.03	2941.89	-36.40	2973.78	-36.62
2996.70	-36.98	3020.23	-37.03	3041.36	-37.67	3064.94	-37.79	3093.44	-38.09
3122.85	-38.67	3150.18	-38.96	3173.38	-38.89	3194.80	-39.15	3215.16	-39.52
3251.32	-40.08	3281.45	-39.78	3305.63	-40.43	3329.69	-40.81	3362.93	-41.13
3389.81	-41.35	3414.14	-41.49	3434.69	-41.72	3464.72	-41.71	3490.51	-42.44
3511.40	-42.32	3536.34	-42.33	3558.80	-42.70	3587.61	-43.21	3610.60	-43.21
R-048	1987	1810190.47	640403.03	60.00	16.51				
	19OCT23	21OCT23	151 00 21 130						

-001.29	16.50	000.11	16.49	000.42	12.70	004.93	12.16	014.75	9.80
019.56	9.02	036.53	8.98	055.00	8.50	073.00	7.40	095.00	5.90
115.00	4.60	135.00	3.20	156.00	1.80	173.00	1.20	187.00	0.90
206.00	0.10	225.00	-0.60	241.00	-1.20	259.00	-1.90	290.00	-2.40
308.00	-3.90	322.89	-4.95	343.05	-8.47	363.97	-8.33	391.91	-8.12
413.73	-8.23	434.93	-8.56	465.84	-8.89	488.78	-9.92	508.91	-9.28
528.97	-7.81	549.21	-6.90	570.80	-6.51	597.52	-6.52	617.69	-6.28
639.81	-6.39	683.27	-6.85	705.10	-7.21	726.20	-7.81	746.52	-8.35
767.47	-8.99	798.16	-10.19	819.04	-11.02	839.22	-11.57	860.01	-12.12
880.75	-12.66	902.48	-13.46	922.52	-13.57	943.01	-14.21	977.66	-14.50
998.17	-14.90	1022.71	-15.08	1049.52	-14.96	1072.67	-15.09	1094.15	-15.30
1119.10	-15.36	1140.89	-15.47	1162.09	-15.71	1199.20	-15.85	1221.21	-16.41
1243.76	-16.08	1277.36	-16.94	1305.99	-16.50	1329.16	-16.83	1353.98	-17.02
1376.72	-17.47	1408.72	-17.26	1430.14	-17.55	1452.53	-17.90	1485.37	-18.11
1519.91	-18.27	1541.38	-18.49	1562.23	-18.81	1585.69	-19.26	1608.10	-19.64
1631.72	-19.75	1652.87	-19.95	1673.70	-20.29	1701.61	-20.59	1726.23	-20.82
1747.62	-21.18	1774.60	-21.56	1797.29	-21.77	1820.43	-22.13	1840.50	-22.48
1866.98	-22.62	1887.31	-23.01	1910.38	-23.35	1937.12	-23.64	1958.78	-23.92
1986.57	-24.50	2008.56	-24.72	2037.38	-25.05	2066.92	-25.37	2089.19	-25.89

2117.77	-26.09	2141.28	-26.49	2166.08	-26.78	2204.68	-27.49	2225.72	-27.70
2246.80	-27.92	2267.70	-28.33	2307.37	-28.89	2328.65	-29.33	2350.88	-29.58
2371.82	-30.04	2391.94	-30.47	2420.09	-30.90	2446.70	-31.39	2485.88	-31.58
2511.38	-31.87	2538.42	-32.19	2559.08	-32.53	2581.58	-32.93	2603.02	-33.62
2630.21	-33.69	2670.77	-34.13	2690.88	-34.47	2711.43	-34.68	2732.08	-34.76
2766.02	-35.31	2786.04	-35.85	2824.19	-36.27	2856.66	-36.85	2879.29	-37.17
2902.66	-37.20	2928.28	-37.39	2961.75	-37.71	2982.67	-38.05	3014.56	-38.39
3040.36	-38.47	3073.63	-38.81	3097.53	-39.34	3121.76	-39.34	3153.14	-39.65
3188.76	-39.86	3210.11	-40.20	3236.35	-40.33	3259.19	-40.42	3279.46	-40.81
3319.00	-41.01	3355.57	-41.43	3376.45	-41.56	3400.42	-42.17	3423.22	-42.16
3444.93	-42.51	3470.37	-42.74	3492.38	-42.37	3529.30	-42.57	3553.55	-42.72
3573.94	-43.06								

R-049	1972	1809273.58	640758.07	60.00	18.94
	19OCT23	21OCT23	148 00	21 127	

007.27	18.24	016.69	13.37	023.51	11.73	032.50	12.52	046.05	10.07
059.71	8.81	070.00	8.80	087.00	7.50	108.00	5.30	131.00	3.30
152.00	1.80	170.00	1.30	191.00	1.30	209.00	0.80	228.00	0.20
246.00	-0.30	265.00	-0.90	283.00	-1.50	298.00	-2.10	320.00	-2.90
345.00	-4.30	356.33	-5.18	389.78	-5.84	410.00	-6.42	430.01	-6.72
450.54	-5.59	470.92	-4.05	498.22	-3.27	518.63	-3.77	542.85	-4.37
568.01	-4.73	588.14	-5.45	626.02	-6.61	646.42	-6.99	668.27	-7.78
699.48	-8.31	721.39	-9.14	760.01	-10.05	781.84	-10.81	806.06	-11.10
826.58	-11.78	866.68	-12.54	887.50	-12.87	907.55	-13.34	927.70	-13.70
955.04	-14.21	978.66	-14.43	999.87	-14.77	1022.28	-15.03	1047.46	-15.15
1086.68	-15.23	1116.41	-15.28	1138.26	-15.32	1158.54	-15.55	1178.60	-15.85
1204.33	-15.55	1227.41	-15.62	1247.44	-15.87	1269.34	-16.34	1292.94	-16.52
1323.86	-16.46	1345.01	-16.99	1378.56	-17.18	1399.56	-17.66	1419.82	-16.88
1448.93	-17.15	1474.52	-17.52	1494.89	-17.96	1525.07	-18.19	1545.51	-18.44
1572.67	-18.42	1593.08	-18.80	1614.77	-19.26	1644.46	-19.61	1671.97	-19.95
1694.26	-20.20	1719.84	-20.38	1750.28	-20.53	1771.25	-21.05	1808.48	-21.40
1834.70	-21.93	1857.46	-22.11	1885.79	-22.44	1906.15	-23.05	1933.84	-23.39
1963.24	-23.44	1983.27	-23.93	2008.82	-24.35	2034.16	-24.52	2056.05	-24.89
2076.64	-25.25	2097.66	-25.53	2119.40	-26.03	2140.32	-26.18	2160.78	-26.25
2184.67	-26.69	2205.21	-26.97	2236.70	-27.29	2256.96	-27.92	2285.87	-28.13
2306.08	-28.78	2337.94	-29.08	2361.65	-28.99	2383.24	-29.50	2403.82	-29.92
2423.92	-30.36	2449.68	-30.76	2475.15	-31.43	2498.74	-31.65	2519.54	-32.17
2548.78	-32.12	2588.57	-32.51	2609.07	-32.91	2638.20	-33.57	2667.86	-33.99

2692.72	-34.27	2713.18	-34.48	2733.58	-34.83	2757.04	-34.96	2777.10	-35.29
2797.96	-35.71	2836.00	-35.94	2857.36	-36.62	2879.67	-36.49	2899.86	-36.76
2920.34	-37.15	2940.35	-37.55	2962.00	-37.68	2982.54	-37.83	3005.06	-38.13
3027.25	-38.16	3047.76	-38.69	3075.05	-38.92	3102.59	-39.13	3135.36	-39.60
3167.05	-39.77	3189.99	-39.90	3213.78	-40.18	3241.56	-40.73	3262.76	-40.23
3282.82	-41.04	3308.85	-40.86	3332.13	-41.32	3355.11	-41.89	3392.52	-41.59
3431.66	-42.45	3466.08	-42.30	3503.30	-42.66				
R-050	1987	1808412.30	641158.71	60.00	14.56				
	21OCT23	21OCT23	153 00	18 135					

-000.90	14.47	-000.40	14.47	-000.26	11.39	003.46	11.07	011.75	9.98
015.17	9.53	035.00	9.10	054.00	7.80	073.00	6.30	093.00	5.10
116.00	3.80	138.00	2.40	159.00	1.20	180.00	0.50	198.00	-0.30
218.00	-1.40	238.00	-2.10	256.00	-2.70	278.42	-4.10	303.30	-7.07
333.79	-6.87	358.11	-6.69	384.09	-6.49	404.44	-6.50	424.46	-5.90
449.71	-6.15	469.94	-7.54	491.57	-8.24	513.08	-7.65	542.35	-6.94
571.44	-6.71	591.83	-5.97	630.55	-5.51	661.97	-6.01	682.29	-6.71
704.11	-7.46	736.98	-8.43	757.16	-9.11	778.52	-9.81	799.22	-10.46
819.64	-11.15	842.84	-11.94	863.15	-12.98	884.38	-13.33	905.10	-13.70
927.24	-14.05	949.05	-14.43	982.73	-14.58	1003.96	-14.93	1036.53	-14.98
1063.55	-15.19	1087.51	-15.28	1108.11	-15.43	1135.35	-15.59	1159.44	-15.64
1179.80	-15.83	1203.24	-15.89	1226.63	-16.12	1263.23	-16.61	1294.54	-16.96
1327.82	-16.85	1349.79	-16.99	1370.18	-17.11	1392.53	-17.23	1418.66	-17.47
1440.81	-17.91	1476.71	-17.94	1496.71	-18.26	1518.59	-18.63	1538.93	-18.66
1559.44	-18.94	1589.71	-19.78	1624.97	-19.61	1646.10	-19.89	1684.96	-20.49
1706.28	-20.81	1728.12	-21.10	1762.10	-21.36	1788.33	-21.75	1810.74	-22.18
1833.96	-22.37	1854.85	-22.85	1881.26	-23.14	1903.51	-23.58	1927.50	-23.74
1948.33	-23.96	1968.78	-24.15	1989.68	-24.67	2021.95	-25.19	2056.22	-25.49
2076.48	-25.95	2098.20	-26.19	2118.71	-26.50	2144.29	-26.93	2171.60	-27.25
2192.66	-27.49	2216.28	-27.90	2237.16	-28.33	2268.27	-28.49	2290.79	-29.15
2319.32	-29.33	2340.78	-29.51	2362.22	-30.06	2395.30	-30.41	2416.43	-30.93
2450.00	-31.12	2484.09	-31.71	2504.59	-31.93	2526.62	-32.18	2547.40	-32.49
2567.63	-33.04	2596.03	-33.25	2617.35	-33.66	2638.13	-33.97	2659.50	-34.26
2690.80	-34.63	2711.52	-34.93	2731.99	-35.02	2752.84	-35.46	2775.21	-35.80
2803.83	-36.03	2828.97	-36.38	2850.61	-36.99	2878.70	-36.97	2908.31	-37.17
2931.47	-37.68	2952.35	-37.82	2978.68	-37.87	3001.50	-38.03	3023.74	-38.85
3050.11	-38.37	3089.30	-38.58	3110.48	-38.99	3135.32	-39.75	3156.50	-39.99
3178.67	-40.07	3206.73	-39.97	3233.86	-40.10	3258.47	-40.35	3282.99	-40.61

3305.18	-40.78	3333.93	-41.15	3358.48	-41.47	3390.34	-41.74	3414.00	-41.99
3450.57	-42.29	3473.40	-42.26	3493.44	-42.51	3521.82	-42.87	3556.02	-43.37
3581.68	-43.85	3608.00	-43.87	3630.88	-43.62				
R-051	1972	1807566.69	641510.16	60.00	9.83				
	21OCT23	21OCT23	159 00 22 137						

-006.18	13.24	003.17	10.92	008.36	9.93	008.65	10.03	009.85	9.98
009.97	9.40	025.01	8.60	030.00	8.50	051.00	7.90	073.00	6.70
095.00	6.20	112.00	6.20	133.00	4.70	153.00	3.40	172.00	2.30
190.00	1.30	210.00	0.70	228.00	0.00	248.00	-0.90	269.00	-1.80
305.00	-3.00	330.00	-4.20	360.56	-5.84	380.88	-5.96	401.84	-6.39
425.76	-6.11	463.32	-6.86	486.15	-7.04	508.12	-7.37	528.28	-7.81
549.51	-7.66	577.82	-7.28	599.24	-7.03	619.86	-6.72	640.32	-5.68
676.35	-5.54	696.62	-6.15	716.98	-6.77	737.60	-7.34	758.30	-8.18
789.79	-9.15	810.12	-9.86	831.46	-10.58	851.50	-11.42	872.05	-12.14
892.35	-12.57	923.09	-13.24	944.44	-13.76	965.93	-14.09	986.66	-14.32
1009.14	-14.73	1039.36	-15.27	1068.20	-15.26	1106.27	-15.19	1130.16	-15.33
1150.90	-15.77	1186.25	-15.53	1206.56	-15.83	1239.40	-15.86	1259.49	-16.21
1281.87	-16.59	1302.33	-17.05	1335.93	-16.63	1359.40	-16.94	1396.50	-17.35
1421.75	-17.30	1442.45	-17.48	1471.22	-17.83	1505.76	-18.16	1542.56	-18.47
1567.78	-18.75	1587.84	-19.30	1609.09	-19.40	1633.48	-19.69	1654.25	-19.91
1674.72	-20.18	1709.05	-20.32	1734.04	-20.56	1755.44	-20.97	1778.84	-21.43
1799.84	-21.73	1822.84	-22.16	1842.88	-22.56	1864.48	-22.55	1894.88	-23.01
1915.40	-23.53	1935.80	-23.82	1961.12	-23.75	1989.79	-24.00	2010.20	-24.36
2030.67	-24.86	2056.68	-25.13	2079.00	-25.43	2101.62	-25.80	2123.38	-26.24
2144.15	-26.58	2170.47	-26.92	2206.07	-27.06	2226.15	-27.56	2246.91	-28.04
2269.68	-28.67	2296.14	-28.68	2319.09	-28.77	2339.48	-29.52	2365.54	-29.55
2386.33	-29.97	2422.64	-30.39	2442.66	-31.21	2470.31	-31.24	2490.58	-31.39
2514.96	-31.77	2535.06	-32.00	2557.32	-32.42	2577.76	-32.94	2600.12	-33.13
2633.49	-33.48	2655.02	-34.05	2675.30	-34.35	2699.40	-34.28	2719.88	-34.76
2745.95	-34.98	2766.74	-35.35	2794.72	-35.88	2816.32	-36.18	2845.55	-36.28
2865.68	-37.01	2891.05	-37.13	2912.22	-37.65	2948.22	-37.61	2969.07	-37.94
2990.66	-38.38	3029.04	-38.56	3056.27	-38.72	3077.24	-39.12	3110.94	-39.58
3136.04	-39.55	3158.75	-39.60	3179.77	-40.20	3204.43	-40.34	3229.73	-40.36
3264.49	-40.50	3284.62	-40.89	3312.14	-41.24	3347.56	-41.78	3369.34	-42.32
3404.88	-41.85	3425.52	-42.64	3462.70	-42.47	3503.06	-42.74	3542.93	-43.28
3578.20	-43.32	3611.02	-43.50	3635.40	-43.66	3662.86	-44.05	3686.18	-44.17
3709.08	-44.30	3739.74	-44.80	3761.40	-44.99	3783.26	-45.19		

R-052 1972 1806670.19 641898.79 60.00 12.03
21OCT23 21OCT23 155 00 18 137

002.56	13.38	015.13	10.13	025.00	8.00	042.00	6.30	059.00	5.20
078.00	4.00	104.00	2.70	125.00	2.30	150.00	2.00	171.00	1.40
195.00	0.90	221.00	-0.10	245.00	-1.30	260.00	-2.00	279.00	-2.30
291.00	-2.90	305.00	-3.90	322.00	-4.90	328.82	-4.96	364.03	-6.65
384.19	-7.40	414.04	-7.56	434.55	-6.72	455.12	-3.96	478.08	-3.40
500.63	-3.72	521.67	-4.16	542.62	-4.80	572.33	-5.76	593.44	-6.24
614.12	-6.77	634.34	-7.41	658.39	-7.73	686.74	-8.33	707.24	-9.04
730.80	-9.63	751.56	-10.16	774.09	-10.66	799.86	-11.62	822.25	-12.28
851.22	-12.63	874.13	-13.21	902.20	-13.44	922.80	-13.72	942.88	-14.16
965.92	-14.28	988.18	-14.38	1009.06	-14.77	1030.92	-14.99	1057.57	-15.28
1078.84	-15.16	1113.60	-15.37	1134.16	-15.59	1157.16	-15.67	1178.18	-15.58
1198.28	-15.72	1224.56	-16.05	1245.50	-16.52	1267.83	-16.28	1300.09	-16.50
1323.64	-16.66	1345.36	-16.97	1366.29	-17.25	1388.79	-17.34	1408.86	-17.55
1441.08	-17.52	1462.49	-17.82	1489.48	-18.19	1510.73	-18.39	1530.97	-18.56
1552.53	-18.88	1572.74	-19.00	1592.75	-19.33	1618.10	-19.74	1655.47	-19.95
1675.52	-20.22	1706.30	-20.54	1739.95	-20.90	1761.12	-21.34	1788.80	-21.55
1811.16	-21.82	1833.82	-22.06	1855.62	-22.54	1877.44	-22.83	1898.87	-22.93
1919.27	-23.36	1944.24	-23.66	1965.17	-24.05	1987.91	-24.35	2019.92	-24.67
2044.10	-25.12	2081.17	-25.60	2108.55	-25.92	2128.82	-26.17	2149.25	-26.48
2171.24	-26.91	2199.50	-27.14	2220.12	-27.59	2244.82	-27.83	2265.53	-28.04
2286.05	-28.63	2312.34	-29.06	2333.94	-29.25	2364.14	-29.52	2385.58	-30.17
2407.53	-30.50	2443.76	-30.68	2464.05	-31.06	2484.93	-31.37	2505.33	-31.71
2527.86	-32.24	2552.11	-32.84	2577.30	-33.09	2605.38	-33.23	2627.37	-33.73
2653.93	-33.97	2676.48	-34.44	2697.39	-34.73	2719.12	-35.02	2745.81	-35.43
2782.46	-36.02	2805.81	-36.06	2826.32	-36.41	2851.68	-36.80	2874.37	-37.03
2897.10	-37.56	2919.75	-37.91	2944.14	-37.91	2965.42	-38.09	2989.29	-38.44
3011.20	-38.60	3042.36	-38.86	3063.20	-39.11	3083.57	-39.48	3113.30	-39.62
3135.28	-40.06	3159.61	-40.14	3184.24	-40.38	3204.46	-40.71	3230.36	-41.08
3262.10	-41.21	3283.52	-41.04	3303.64	-41.45	3351.74	-41.77	3371.78	-42.06
3401.48	-42.32	3423.00	-42.58	3445.49	-42.90	3472.06	-42.83	3493.76	-43.36
3518.40	-43.52	3544.22	-43.57	3569.63	-43.91	3589.87	-44.29	3610.89	-44.41

R-053 1978 1805818.92 642269.02 60.00 15.17
21OCT23 21OCT23 157 00 23 134

000.29	15.18	001.69	15.19	001.76	9.95	019.62	8.51	028.29	7.69
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035.00	8.60	055.00	7.70	074.00	7.00	095.00	6.20	111.00	5.60
135.00	2.40	151.00	0.40	168.00	-0.20	185.00	-1.00	210.00	-0.50
230.00	-0.40	250.00	-0.80	270.00	-1.40	289.00	-1.90	307.00	-2.40
327.00	-3.30	346.00	-4.30	364.00	-5.20	376.41	-5.93	396.46	-6.91
420.25	-6.87	441.64	-6.69	463.28	-6.87	483.64	-6.32	504.07	-5.34
524.54	-4.72	554.62	-4.58	575.33	-4.97	599.44	-5.52	620.06	-6.19
644.77	-6.98	669.25	-7.94	690.97	-8.46	726.38	-9.21	746.60	-9.75
767.29	-10.32	787.31	-10.89	807.66	-11.45	843.21	-12.22	864.32	-12.77
884.64	-13.34	905.40	-13.62	926.22	-14.14	947.12	-14.29	973.55	-14.00
994.04	-14.34	1014.52	-14.71	1035.25	-14.53	1055.34	-14.70	1076.42	-15.05
1096.60	-15.20	1116.64	-15.59	1136.93	-15.43	1163.05	-15.63	1183.29	-16.25
1203.29	-16.06	1236.00	-16.39	1271.76	-16.92	1296.38	-16.63	1336.28	-16.56
1356.44	-16.86	1377.07	-16.94	1397.50	-17.71	1436.42	-17.52	1458.25	-18.05
1478.30	-18.30	1500.67	-18.35	1531.40	-18.64	1552.59	-19.10	1573.08	-19.32
1594.19	-19.05	1614.52	-19.34	1638.05	-19.64	1659.49	-19.97	1686.72	-20.16
1710.84	-20.22	1731.17	-20.61	1762.76	-20.96	1782.90	-21.20	1802.95	-21.58
1823.26	-21.88	1844.75	-22.23	1885.34	-22.87	1905.38	-23.05	1926.90	-23.55
1947.98	-23.75	1989.88	-24.30	2015.68	-24.70	2035.86	-25.20	2075.97	-25.45
2096.02	-25.65	2116.29	-26.07	2138.23	-26.68	2170.03	-26.87	2191.32	-27.18
2217.04	-27.50	2243.49	-27.88	2263.98	-28.44	2285.96	-28.70	2308.15	-28.53
2329.18	-29.08	2349.93	-29.29	2370.72	-29.64	2392.28	-30.23	2413.95	-30.61
2434.06	-30.66	2470.02	-31.21	2491.18	-31.59	2511.40	-32.14	2539.12	-32.37
2559.50	-32.52	2581.70	-32.87	2602.61	-33.24	2624.21	-33.52	2644.48	-33.78
2665.20	-34.74	2700.24	-34.62	2721.52	-35.43	2746.08	-35.67	2772.58	-35.81
2793.04	-36.27	2821.26	-36.41	2844.12	-36.58	2870.77	-37.03	2891.02	-37.47
2911.89	-37.94	2947.58	-38.02	2970.74	-38.38	2991.28	-38.59	3014.98	-38.75
3035.81	-39.38	3060.82	-39.47	3084.05	-39.52	3107.37	-39.66	3128.36	-40.08
3154.98	-40.08	3176.87	-40.31	3198.28	-40.51	3219.68	-41.26	3254.35	-41.06
3274.95	-41.57	3313.94	-42.12	3334.10	-42.13	3358.12	-42.05	3383.44	-42.73
3403.77	-42.86	3436.93	-43.07	3460.92	-42.96	3481.16	-43.72	3508.54	-43.67
3531.68	-43.76	3557.05	-43.74						
R-054	1987	1804904.15	642683.94	60.00	10.90				
	21OCT23	21OCT23	154 00	21 133					
-018.95	14.13	-014.40	11.73	-011.38	11.10	-003.29	10.72	-001.30	11.06
000.19	10.90	000.65	8.13	015.00	8.20	033.00	7.90	047.00	6.90
061.00	5.80	082.00	5.30	102.00	4.10	125.00	1.90	146.00	0.10
171.00	-0.80	195.00	-1.40	220.00	-2.10	238.00	-2.70	255.00	-3.20

275.00	-3.80	298.10	-4.21	336.62	-4.16	364.99	-4.74	390.28	-5.52
410.38	-6.59	438.54	-7.40	459.88	-7.55	493.15	-8.49	513.47	-8.03
533.75	-7.57	553.89	-6.42	574.64	-5.67	611.84	-5.50	631.99	-6.03
653.70	-6.69	674.76	-6.90	708.90	-7.97	729.04	-8.80	749.69	-9.66
770.26	-10.34	790.76	-10.87	817.31	-11.75	837.63	-12.46	858.14	-12.88
881.00	-13.25	901.45	-13.82	923.26	-13.93	945.94	-14.12	966.17	-14.58
1006.82	-14.85	1029.14	-15.13	1058.70	-15.27	1097.08	-15.48	1128.70	-15.60
1149.76	-15.73	1170.89	-16.07	1199.03	-16.26	1223.10	-16.36	1251.71	-16.80
1286.50	-16.86	1309.30	-17.11	1341.88	-17.11	1367.27	-17.36	1390.05	-17.30
1411.72	-17.77	1432.98	-17.95	1454.44	-18.04	1474.97	-18.30	1509.32	-18.64
1534.96	-19.01	1561.41	-19.31	1591.57	-19.48	1612.19	-19.85	1632.35	-19.91
1654.30	-20.55	1678.52	-20.70	1706.68	-20.90	1746.50	-21.24	1767.08	-21.44
1787.71	-21.86	1808.55	-22.17	1831.33	-22.53	1854.51	-22.59	1874.85	-22.98
1895.20	-23.28	1916.89	-23.66	1937.97	-24.00	1966.02	-24.33	1989.68	-24.66
2010.90	-24.92	2031.13	-25.34	2062.42	-25.84	2096.84	-26.31	2125.40	-26.50
2145.62	-27.25	2171.56	-27.27	2194.18	-27.73	2223.74	-28.06	2252.70	-28.46
2275.65	-28.89	2295.75	-28.91	2316.93	-29.53	2340.68	-29.95	2361.28	-30.31
2397.88	-30.45	2419.43	-30.72	2459.56	-31.51	2480.48	-31.76	2500.62	-32.17
2522.88	-32.33	2544.01	-32.72	2565.38	-33.14	2588.11	-33.34	2611.77	-33.74
2635.86	-34.15	2656.32	-34.65	2683.87	-34.78	2706.56	-35.00	2734.68	-35.46
2756.85	-36.05	2780.44	-36.16	2809.00	-36.38	2829.76	-36.72	2856.24	-37.02
2876.80	-37.20	2898.69	-37.79	2927.74	-38.41	2950.64	-38.50	2976.68	-38.77
3005.15	-39.40	3028.30	-39.45	3048.60	-39.42	3069.30	-39.83	3098.24	-40.23
3120.32	-40.43	3142.01	-40.90	3164.34	-40.71	3185.38	-41.16	3211.05	-41.32
3231.58	-41.44	3260.58	-41.58	3291.88	-41.99	3316.29	-42.13	3338.05	-42.33
3364.14	-42.68	3393.49	-43.06	3423.06	-43.38	3453.04	-43.27	3476.34	-43.96
3508.42	-44.13	3532.83	-44.13	3557.80	-44.17	3590.45	-44.85		
R-055	1972	180394	7.54	643065.01	60.00	11.97			
	19SEP23	21OCT23	148 00	18 130					

-016.55	18.79	-007.48	17.12	008.69	9.88	022.33	8.91	039.89	7.46
061.06	7.38	074.86	7.48	087.30	7.19	107.78	5.67	129.91	3.93
149.59	2.25	169.24	0.76	190.37	-0.46	211.45	-1.65	228.16	-2.66
254.07	-4.72	265.20	-6.05	280.23	-6.51	363.79	-6.67	384.17	-7.23
404.26	-8.71	431.60	-8.86	452.71	-8.91	475.01	-9.03	503.50	-8.43
525.85	-8.66	546.34	-7.08	566.67	-4.86	611.96	-5.36	633.36	-5.90
654.10	-6.41	675.10	-6.87	695.48	-7.43	720.29	-8.19	740.96	-8.75
761.35	-9.51	783.18	-10.20	811.26	-10.99	846.28	-11.89	866.65	-12.51

886.80	-13.03	907.66	-13.51	927.71	-13.79	951.23	-14.06	972.52	-14.43
997.49	-14.61	1018.22	-14.86	1054.90	-15.01	1090.02	-15.25	1110.83	-15.51
1134.63	-15.49	1154.69	-15.81	1175.84	-15.90	1203.72	-16.08	1239.43	-16.04
1259.46	-16.30	1282.76	-16.31	1313.61	-16.48	1334.67	-16.94	1354.70	-17.32
1375.76	-17.81	1396.49	-17.55	1433.77	-17.69	1458.12	-17.90	1489.88	-17.96
1510.28	-18.50	1531.20	-18.18	1551.38	-18.47	1582.55	-18.71	1604.32	-19.18
1626.90	-19.52	1659.24	-19.82	1683.44	-20.18	1703.85	-20.40	1724.66	-20.63
1746.31	-20.92	1766.48	-21.12	1800.43	-21.48	1822.89	-21.61	1850.40	-21.98
1885.32	-22.62	1907.62	-23.26	1928.30	-23.03	1950.42	-23.30	1971.64	-23.92
1992.90	-23.97	2016.78	-24.25	2036.86	-24.53	2056.98	-24.86	2078.10	-25.05
2099.88	-25.52	2124.93	-25.78	2150.57	-26.13	2173.73	-26.61	2193.77	-27.15
2215.42	-27.31	2248.70	-27.87	2273.47	-28.05	2303.34	-28.59	2334.05	-28.91
2357.86	-29.19	2390.37	-29.74	2415.17	-30.00	2435.55	-30.36	2455.69	-31.07
2475.73	-31.20	2495.84	-31.27	2515.96	-31.97	2538.23	-32.15	2558.68	-32.44
2594.65	-32.58	2615.89	-33.40	2636.22	-33.63	2669.30	-33.84	2693.34	-34.63
2723.20	-34.99	2754.20	-35.54	2781.48	-35.66	2810.47	-35.70	2832.39	-36.48
2856.32	-36.53	2876.34	-37.03	2900.48	-37.32	2921.02	-37.80	2957.04	-38.11
2981.18	-38.26	3005.48	-38.76	3031.96	-38.89	3067.26	-38.85	3087.76	-39.42
3110.46	-39.74	3134.64	-39.88	3155.04	-40.22	3176.74	-40.66	3214.04	-40.66
3234.49	-41.19	3255.34	-41.08	3281.20	-41.05	3305.16	-41.32	3325.32	-41.72
3347.72	-41.99	3375.62	-42.34	3408.33	-42.49	3429.09	-42.74	3449.54	-43.02
3471.02	-44.01	3497.07	-43.42	3518.29	-43.72				
R-056	1972	1803190.53	643367.52	60.00	18.51				
	19SEP23	21OCT23	153 00 20 133						

-022.34	20.74	-008.66	20.66	-001.50	19.01	015.82	12.65	025.95	10.36
040.53	8.87	057.92	7.93	068.98	7.61	089.11	6.63	108.85	5.93
126.56	4.94	146.83	3.35	162.29	2.02	182.59	0.58	201.42	-0.29
220.32	-1.17	244.44	-2.60	272.37	-4.50	283.11	-5.96	298.71	-6.84
327.94	-4.75	355.29	-5.71	378.13	-6.41	398.26	-3.66	424.30	-3.59
446.71	-3.85	489.68	-3.98	516.24	-4.41	537.19	-4.68	558.60	-5.20
578.93	-5.56	610.80	-6.21	631.02	-6.76	651.04	-7.30	673.14	-7.83
693.48	-8.53	726.20	-9.51	746.54	-9.83	766.70	-10.39	787.16	-10.76
808.00	-11.41	847.55	-12.14	868.22	-12.69	888.64	-13.03	909.54	-13.57
931.14	-13.87	952.29	-14.26	984.36	-14.63	1016.45	-14.82	1038.17	-14.99
1068.94	-15.16	1091.42	-15.37	1113.43	-15.46	1135.84	-15.65	1163.32	-15.80
1201.42	-15.88	1221.84	-16.03	1247.99	-16.17	1268.24	-16.37	1305.96	-16.47
1325.98	-16.39	1345.99	-16.70	1366.39	-16.92	1399.30	-17.17	1429.68	-17.69

1451.18	-17.57	1473.47	-17.74	1493.68	-17.84	1514.67	-18.05	1543.44	-18.18
1563.59	-18.59	1586.49	-18.83	1626.02	-19.25	1647.16	-19.53	1668.14	-19.64
1688.36	-19.86	1709.78	-20.15	1731.02	-20.36	1754.42	-20.75	1790.34	-21.12
1810.44	-21.46	1833.30	-21.68	1855.00	-22.04	1880.90	-22.24	1903.81	-22.49
1923.89	-22.77	1944.50	-23.03	1965.39	-23.33	1990.64	-23.75	2010.86	-24.08
2031.66	-24.15	2052.54	-24.65	2091.06	-25.13	2111.13	-25.34	2131.50	-25.70
2160.11	-26.21	2187.28	-26.63	2212.87	-26.86	2235.04	-27.08	2256.52	-27.35
2276.63	-27.74	2299.85	-28.26	2329.14	-28.58	2349.58	-28.71	2370.00	-29.08
2391.78	-29.68	2424.98	-29.94	2448.77	-30.38	2469.63	-30.62	2490.98	-31.38
2522.30	-31.62	2562.54	-32.14	2583.28	-32.45	2604.29	-32.86	2624.45	-33.43
2649.36	-33.79	2674.94	-34.00	2710.31	-34.43	2732.31	-34.64	2754.16	-34.94
2779.91	-35.29	2801.59	-35.93	2839.57	-36.19	2861.13	-36.47	2882.00	-36.97
2906.70	-37.33	2931.43	-37.45	2952.54	-37.78	2973.84	-38.04	2994.02	-38.52
3015.16	-38.81	3038.95	-38.88	3060.96	-39.11	3081.65	-39.57	3107.23	-39.76
3127.82	-40.09	3150.46	-40.13	3170.61	-40.51	3200.46	-40.62	3229.63	-41.03
3251.72	-41.21	3273.51	-41.65	3312.66	-41.63	3332.76	-41.96	3367.27	-42.05
3393.44	-42.64	3423.95	-42.94	3450.38	-42.95	3477.84	-42.99	3514.98	-43.33
3539.43	-43.75	3570.09	-44.12	3590.24	-43.84				
R-057	1987	1802337.30	643775.77	60.00	15.96				
	19SEP23	21OCT23	151 00	16 135					

000.88	16.04	001.17	9.40	011.57	8.60	030.20	7.22	047.33	7.13
064.34	7.15	082.77	6.65	099.61	5.10	116.13	3.61	136.47	1.93
156.72	0.74	178.57	-0.41	196.71	-1.36	220.40	-2.59	240.46	-4.56
246.60	-6.50	313.84	-4.66	336.99	-5.29	360.18	-6.26	380.38	-7.58
400.72	-8.53	421.96	-8.97	442.63	-8.69	467.99	-8.83	488.25	-8.53
510.96	-8.37	535.34	-7.99	556.09	-7.88	576.44	-6.66	596.74	-5.33
617.10	-5.22	637.14	-5.82	657.54	-6.47	678.34	-7.10	717.29	-8.29
737.96	-9.02	758.15	-9.75	778.72	-10.33	800.39	-10.89	839.72	-12.20
859.95	-12.70	880.80	-13.45	914.16	-13.90	942.46	-14.25	969.71	-14.38
990.90	-14.53	1012.51	-14.72	1032.94	-15.14	1058.38	-15.04	1079.40	-15.16
1116.08	-15.25	1136.47	-15.54	1158.00	-15.66	1179.61	-15.81	1212.36	-16.02
1232.75	-16.22	1254.16	-16.44	1274.41	-16.62	1314.50	-16.82	1349.64	-16.91
1373.56	-16.89	1395.84	-17.06	1428.71	-17.43	1449.39	-17.64	1472.55	-17.73
1493.70	-17.95	1520.32	-18.34	1540.90	-18.72	1578.79	-18.90	1601.96	-19.20
1634.27	-19.33	1654.78	-20.08	1681.20	-20.11	1717.30	-20.22	1738.04	-20.49
1758.22	-20.92	1780.57	-21.10	1811.79	-21.32	1833.10	-21.79	1853.49	-22.25
1884.98	-22.45	1905.22	-22.57	1925.81	-23.01	1946.19	-23.44	1971.30	-23.89

1999.95	-23.78	2025.02	-24.13	2046.62	-24.75	2067.61	-25.09	2088.92	-25.43
2111.66	-25.50	2135.27	-25.84	2156.24	-26.14	2177.19	-26.36	2201.18	-26.69
2221.76	-27.21	2244.15	-27.45	2265.72	-28.06	2289.08	-28.46	2311.32	-28.61
2342.67	-29.15	2365.10	-29.35	2386.21	-29.96	2416.37	-30.23	2444.29	-30.50
2464.51	-30.92	2488.49	-31.51	2508.55	-31.75	2529.31	-32.22	2551.01	-32.42
2571.04	-32.53	2592.89	-33.07	2614.86	-33.25	2635.37	-33.95	2655.57	-34.10
2683.56	-34.51	2713.51	-34.93	2734.86	-35.49	2757.04	-35.74	2778.83	-36.00
2799.95	-36.41	2827.44	-36.57	2848.12	-36.71	2868.46	-37.42	2891.75	-38.10
2913.16	-37.95	2937.37	-38.56	2967.24	-38.50	2988.92	-38.80	3009.13	-39.34
3047.99	-39.24	3068.46	-39.64	3092.22	-40.34	3112.52	-40.28	3137.55	-40.44
3158.38	-40.75	3186.63	-40.87	3207.56	-41.22	3231.05	-41.57	3257.03	-41.70
3277.56	-41.36	3298.34	-41.98	3320.72	-42.18	3345.52	-42.25	3373.50	-42.22
3394.01	-42.42	3414.07	-42.64	3434.83	-42.54	3459.36	-43.20	3479.92	-43.37
3511.38	-43.35								
R-058	1972	1801551.24	644099.46	60.00	11.38				
	19SEP23	21OCT23	152 00 17 135						
008.63	11.55	010.84	11.38	011.14	8.85	017.83	8.74	032.61	7.82
048.26	7.01	054.62	6.68	075.99	5.46	097.63	4.38	119.03	3.10
139.00	1.99	159.70	0.94	181.09	-0.24	206.73	-1.31	230.25	-2.12
254.84	-2.93	277.14	-4.62	307.90	-4.51	328.26	-7.33	367.67	-7.89
388.12	-8.24	408.88	-8.66	432.88	-8.76	465.92	-8.74	489.94	-8.90
510.30	-8.80	531.61	-8.27	553.26	-7.49	573.47	-5.57	593.76	-4.64
616.59	-5.03	637.32	-5.63	657.54	-6.25	686.91	-7.00	707.20	-7.80
728.27	-8.47	751.66	-9.18	773.48	-9.83	798.80	-10.62	820.51	-11.29
845.12	-11.95	865.56	-12.48	885.70	-12.96	912.69	-13.39	933.29	-13.70
959.89	-13.98	980.14	-14.21	1002.87	-14.37	1023.83	-14.66	1054.12	-14.88
1074.85	-15.10	1096.40	-15.25	1117.08	-15.27	1137.52	-15.44	1158.20	-15.56
1178.35	-15.69	1200.28	-15.78	1223.87	-16.01	1249.14	-16.06	1287.50	-16.27
1321.59	-16.58	1343.00	-17.15	1378.26	-16.96	1399.80	-17.12	1420.84	-17.26
1456.17	-17.56	1484.64	-17.66	1505.42	-18.05	1534.48	-18.39	1562.64	-18.48
1586.46	-18.66	1613.14	-18.84	1648.74	-19.17	1674.58	-19.50	1695.52	-19.73
1731.59	-20.23	1754.24	-20.47	1775.30	-20.72	1796.26	-21.33	1816.59	-21.27
1842.90	-21.44	1864.28	-21.73	1885.18	-21.89	1906.69	-22.35	1928.13	-22.37
1967.60	-23.00	1987.84	-23.37	2013.01	-23.92	2035.50	-23.98	2055.94	-24.34
2084.34	-24.78	2105.53	-25.02	2126.81	-25.43	2147.58	-25.61	2167.63	-26.06
2196.72	-26.40	2216.94	-26.94	2245.32	-27.30	2274.15	-27.52	2296.64	-27.86
2317.48	-28.10	2337.94	-28.61	2358.57	-29.04	2378.78	-29.30	2399.82	-29.55

2431.90	-29.90	2464.03	-30.21	2485.28	-30.75	2505.96	-30.97	2529.24	-31.51
2549.82	-31.96	2570.13	-32.50	2597.23	-32.62	2618.86	-32.64	2650.57	-33.05
2671.35	-33.52	2691.72	-33.89	2712.88	-34.32	2734.71	-34.45	2758.12	-34.86
2779.81	-35.34	2802.96	-35.57	2826.46	-35.73	2847.84	-35.97	2879.84	-36.41
2901.20	-36.97	2931.15	-37.06	2951.51	-37.60	2979.50	-37.88	3000.33	-38.15
3027.16	-38.47	3047.87	-38.73	3077.15	-38.80	3097.31	-39.30	3118.73	-39.47
3154.05	-39.74	3174.49	-39.97	3196.30	-40.32	3217.40	-40.62	3241.81	-40.68
3263.14	-40.98	3283.59	-41.38	3305.18	-41.69	3326.52	-41.70	3347.57	-41.92
3371.15	-42.12	3391.88	-42.47	3414.31	-43.01	3436.31	-43.03	3460.32	-43.31
3484.02	-43.25	3506.76	-43.43						
R-059	1978	1800519.80	644508.67	60.00	17.14				
	19SEP23	20OCT23	150 00	17 133					

050.68	14.38	052.52	14.38	052.67	7.95	068.40	7.29	086.16	6.46
095.53	5.96	116.48	4.94	137.42	3.81	156.59	2.77	176.72	1.58
197.43	0.48	218.12	-0.33	238.06	-1.06	260.07	-2.07	290.10	-4.60
310.29	-5.38	327.01	-5.98	413.72	-9.38	433.89	-8.42	454.60	-9.59
477.82	-8.80	512.73	-7.65	535.47	-7.15	563.54	-6.74	584.46	-5.68
604.67	-5.58	627.56	-5.53	648.04	-5.44	671.66	-6.08	699.76	-5.85
721.13	-6.50	741.60	-7.08	761.94	-7.86	796.05	-9.11	816.56	-9.79
837.28	-10.50	857.40	-11.06	878.44	-11.78	903.91	-12.43	925.78	-13.04
947.87	-13.46	968.04	-13.83	988.42	-14.24	1011.80	-14.61	1032.84	-14.88
1054.21	-15.09	1079.48	-15.16	1102.36	-15.69	1130.34	-15.80	1160.37	-15.77
1183.35	-16.00	1203.97	-16.13	1228.04	-16.23	1248.42	-16.30	1273.13	-16.54
1295.80	-16.71	1317.69	-16.83	1339.40	-16.76	1369.18	-16.99	1391.64	-17.53
1415.70	-17.65	1438.90	-17.46	1459.99	-17.69	1490.58	-18.06	1527.31	-18.46
1558.13	-18.62	1608.42	-19.06	1628.50	-19.44	1652.56	-19.60	1683.08	-19.86
1703.59	-20.20	1735.04	-20.45	1755.16	-20.60	1787.14	-21.05	1807.22	-21.31
1845.66	-21.66	1865.90	-21.73	1885.95	-22.07	1906.66	-22.49	1941.95	-22.77
1963.45	-23.21	1983.51	-23.38	2008.37	-23.66	2028.60	-23.96	2050.10	-24.13
2070.90	-24.43	2092.10	-24.78	2112.13	-25.09	2132.73	-25.43	2176.60	-25.87
2197.21	-26.30	2218.52	-26.62	2239.56	-26.87	2260.76	-27.15	2281.42	-27.42
2303.46	-27.78	2324.14	-28.28	2344.24	-28.65	2369.70	-28.67	2390.36	-29.11
2424.50	-29.61	2445.68	-30.14	2466.02	-30.40	2491.30	-30.69	2531.28	-31.20
2551.40	-31.63	2572.80	-32.15	2601.68	-32.37	2623.06	-32.96	2649.29	-33.05
2669.31	-33.53	2690.50	-33.98	2713.42	-34.18	2733.54	-34.66	2753.87	-35.02
2782.83	-35.21	2803.53	-35.73	2824.98	-36.12	2853.44	-36.51	2874.86	-36.82
2894.88	-37.10	2915.09	-37.42	2946.94	-37.90	2970.20	-38.38	2994.70	-38.43

3015.09	-38.82	3036.06	-39.19	3069.00	-39.62	3090.72	-39.93	3111.26	-40.08
3132.38	-40.29	3154.32	-40.61	3175.58	-40.91	3199.34	-40.98	3230.52	-41.26
3250.83	-41.57	3274.18	-41.94	3295.09	-41.94	3316.13	-42.30	3342.98	-42.48
3379.86	-42.84	3400.12	-43.17	3420.69	-42.99	3441.46	-43.31	3461.91	-43.46
3482.68	-43.66	3517.34	-43.96	3538.58	-44.11	3564.26	-44.35	3591.59	-44.49
R-060	1972	1799723.22	644883.05	60.00	9.67				
	19SEP23	20OCT23	158 00 21 137						

-026.56	19.46	-015.50	15.83	-004.40	11.63	007.44	9.89	007.63	10.04
008.87	10.02	008.96	8.07	027.01	7.15	042.67	6.78	051.22	6.44
071.42	5.49	092.05	4.86	113.46	4.11	131.38	2.83	151.45	1.46
172.07	0.40	190.89	-0.58	216.83	-1.73	249.16	-3.01	276.88	-4.42
300.84	-6.45	443.01	-6.87	481.79	-7.01	504.18	-7.21	526.16	-7.51
546.18	-7.32	567.63	-6.93	589.04	-6.63	609.12	-6.11	631.02	-5.88
652.52	-5.58	676.41	-5.63	710.35	-7.01	730.67	-8.10	750.70	-9.06
771.86	-9.46	792.46	-9.81	825.06	-11.17	845.50	-11.73	865.58	-12.26
885.77	-12.71	906.30	-13.17	928.60	-13.64	948.72	-14.27	970.17	-14.74
991.45	-14.95	1014.45	-15.10	1034.82	-15.18	1073.83	-15.46	1094.84	-15.64
1116.47	-15.93	1137.02	-16.11	1157.23	-16.35	1180.14	-16.46	1205.37	-16.58
1230.00	-16.70	1252.44	-16.53	1277.87	-16.66	1305.01	-16.80	1334.67	-17.45
1361.59	-17.51	1395.62	-17.68	1425.48	-17.76	1451.32	-17.90	1471.66	-17.95
1501.64	-18.25	1534.28	-18.69	1554.36	-19.15	1574.66	-19.26	1594.78	-19.40
1617.70	-19.45	1637.98	-19.66	1668.10	-19.91	1689.34	-20.15	1709.96	-20.52
1735.54	-21.04	1756.04	-21.31	1776.91	-21.54	1801.10	-21.62	1821.94	-21.83
1848.96	-21.94	1873.52	-22.36	1899.94	-22.81	1920.08	-23.38	1945.91	-23.70
1968.40	-23.87	1991.98	-24.12	2017.69	-24.49	2038.01	-24.77	2058.10	-24.89
2078.48	-25.27	2099.05	-25.69	2125.66	-25.97	2146.07	-26.16	2167.07	-26.59
2192.59	-26.89	2228.90	-27.56	2250.86	-27.75	2272.12	-28.20	2292.60	-28.28
2322.61	-28.85	2342.85	-29.44	2377.94	-29.71	2408.36	-29.99	2430.92	-30.26
2452.05	-30.67	2472.11	-31.15	2500.68	-31.67	2520.82	-31.96	2540.82	-32.43
2563.26	-32.59	2583.84	-33.00	2607.50	-33.30	2628.09	-33.59	2660.06	-34.04
2682.20	-34.48	2702.90	-34.74	2723.48	-35.34	2744.28	-35.48	2765.83	-35.64
2792.70	-35.64	2813.32	-36.20	2834.44	-36.56	2855.48	-37.29	2885.02	-37.49
2905.34	-37.42	2927.80	-37.61	2949.01	-38.01	2969.86	-38.50	3003.24	-38.89
3024.14	-39.22	3048.80	-39.39	3068.84	-39.47	3089.23	-39.65	3110.48	-40.17
3139.01	-40.37	3163.52	-40.66	3191.56	-40.79	3216.98	-40.99	3241.95	-41.35
3262.63	-41.76	3286.38	-41.80	3309.02	-42.05	3332.13	-42.15	3353.94	-42.34
3373.98	-42.51	3395.33	-42.76	3429.26	-43.23	3450.22	-43.73	3470.40	-43.92

3493.57 -43.95 3521.12 -43.97 3558.32 -44.22 3578.78 -44.35 3605.82 -44.81
3627.06 -44.86 3654.14 -45.07 3678.14 -45.38

R-061 1987 1798900.04 645227.02 60.00 13.37
19SEP23 20OCT23 152 00 19 133

-001.50 13.52 -000.30 13.48 000.00 8.51 005.01 8.06 024.40 7.07
041.46 6.68 047.40 6.77 067.11 6.62 086.86 5.40 110.51 4.19
129.94 2.99 149.08 1.72 169.27 0.62 190.00 -0.16 209.47 -0.83
243.82 -2.22 273.91 -3.90 292.47 -5.56 310.27 -6.55 509.18 -5.97
529.51 -4.62 557.24 -4.36 580.49 -5.04 602.62 -5.49 624.80 -5.87
645.33 -6.34 667.27 -7.09 691.04 -7.40 716.04 -8.01 738.86 -8.67
767.62 -9.24 787.99 -9.98 808.64 -10.38 828.67 -11.07 850.78 -11.79
874.78 -12.13 896.04 -12.75 916.78 -13.45 947.10 -13.85 973.80 -14.22
995.42 -14.67 1024.62 -14.84 1048.16 -14.91 1070.76 -15.13 1092.67 -15.15
1113.20 -15.43 1134.55 -15.45 1155.24 -15.76 1182.90 -15.99 1215.59 -16.03
1249.50 -16.32 1274.66 -16.32 1294.95 -16.61 1316.95 -16.74 1341.21 -16.90
1361.36 -17.10 1381.94 -16.91 1404.48 -17.07 1425.05 -17.48 1452.78 -17.87
1474.99 -17.92 1498.98 -18.10 1520.65 -18.24 1542.77 -18.54 1562.88 -18.79
1587.98 -18.97 1608.51 -19.42 1635.59 -19.46 1656.14 -19.73 1678.63 -20.15
1707.92 -20.40 1727.94 -20.50 1751.51 -20.79 1772.46 -21.16 1793.72 -21.31
1824.80 -21.57 1844.86 -21.89 1865.49 -22.22 1887.97 -22.40 1908.90 -22.69
1944.08 -23.18 1964.52 -23.44 1986.00 -23.60 2007.75 -23.95 2028.78 -24.23
2057.76 -24.70 2078.86 -24.93 2099.32 -25.12 2121.82 -25.39 2143.01 -26.01
2176.34 -26.26 2197.02 -26.55 2217.54 -26.85 2238.90 -27.21 2259.42 -27.56
2288.38 -27.89 2310.83 -28.21 2330.96 -28.62 2351.47 -29.10 2372.63 -29.31
2393.55 -29.59 2418.59 -29.87 2439.21 -30.26 2461.10 -30.71 2484.95 -31.04
2505.19 -31.25 2525.34 -31.63 2553.36 -32.07 2577.96 -32.31 2601.32 -32.67
2635.26 -33.24 2656.77 -33.48 2679.80 -33.88 2700.02 -34.25 2721.60 -34.58
2756.52 -35.17 2778.70 -35.61 2805.55 -35.75 2826.53 -36.23 2848.61 -36.68
2876.86 -36.89 2898.31 -37.23 2924.36 -37.57 2945.57 -37.84 2967.41 -38.29
2998.62 -38.41 3018.82 -38.88 3040.02 -39.28 3066.63 -39.48 3087.03 -39.66
3120.44 -39.79 3141.48 -40.24 3162.58 -40.38 3189.84 -40.64 3215.96 -41.02
3244.52 -41.21 3267.14 -41.54 3293.53 -41.69 3313.62 -41.73 3335.09 -42.25
3367.46 -42.33 3388.46 -42.57 3408.74 -42.95 3439.25 -43.20 3477.50 -43.31
3499.81 -43.57 3532.92 -43.90 3565.44 -44.12 3587.47 -44.48 3615.48 -44.41
3637.00 -44.92 3661.14 -45.07

R-062 1987 1797930.62 645662.35 60.00 13.47
19SEP23 20OCT23 153 00 19 134

-001.49	13.61	-000.41	13.66	000.23	8.27	016.78	6.94	033.85	6.12
044.10	5.86	060.81	5.77	081.13	5.62	100.99	4.96	120.97	3.79
141.20	2.36	160.23	1.15	179.97	0.46	198.67	-0.12	218.62	-0.69
233.82	-1.29	261.11	-2.48	292.48	-4.39	315.41	-5.80	359.39	-7.94
379.88	-7.98	408.76	-8.06	429.71	-8.30	451.60	-8.48	471.66	-8.66
492.22	-8.83	512.68	-8.63	534.19	-8.47	556.61	-8.19	576.97	-7.86
598.06	-7.26	618.79	-7.87	639.09	-6.79	666.96	-5.97	699.85	-6.61
731.58	-7.43	751.78	-8.05	772.31	-8.54	792.44	-9.23	813.14	-9.77
833.48	-10.30	868.72	-11.51	889.12	-12.29	909.16	-13.01	929.27	-13.54
964.88	-14.16	985.52	-14.52	1007.60	-14.67	1028.44	-14.95	1074.37	-15.24
1096.88	-15.38	1126.49	-15.45	1146.66	-15.73	1178.27	-15.93	1201.79	-16.21
1236.19	-16.46	1275.33	-16.36	1296.00	-16.48	1317.36	-16.71	1339.52	-16.52
1366.29	-17.03	1387.95	-17.28	1408.52	-17.80	1431.66	-18.00	1452.27	-17.72
1478.05	-18.03	1508.24	-18.13	1539.54	-18.66	1561.87	-18.92	1584.44	-19.16
1605.99	-19.26	1639.12	-19.35	1670.39	-19.65	1691.38	-20.13	1711.60	-20.60
1731.95	-20.91	1752.21	-21.02	1780.38	-21.05	1803.63	-21.23	1827.26	-21.45
1848.26	-21.74	1868.79	-22.39	1889.09	-22.93	1913.89	-23.19	1942.40	-23.16
1968.98	-23.54	1994.22	-23.73	2017.54	-23.75	2041.52	-24.09	2062.06	-24.72
2082.17	-25.16	2102.49	-25.57	2126.83	-25.74	2156.59	-26.09	2176.64	-26.25
2197.88	-26.28	2223.42	-26.62	2244.19	-27.00	2267.75	-27.61	2291.36	-27.95
2311.95	-28.28	2335.54	-28.70	2356.62	-29.02	2377.79	-29.24	2398.26	-29.37
2419.58	-29.35	2447.92	-29.92	2478.78	-30.78	2499.02	-31.25	2519.91	-31.49
2540.79	-31.85	2572.32	-32.02	2595.55	-32.49	2616.18	-32.77	2636.38	-33.00
2658.12	-33.42	2678.55	-33.60	2716.82	-34.34	2737.69	-34.78	2774.09	-35.08
2794.52	-35.38	2815.83	-35.67	2835.88	-35.85	2855.99	-36.06	2876.39	-36.53
2899.84	-37.30	2922.66	-37.60	2943.10	-37.85	2964.12	-38.12	2996.72	-38.33
3017.18	-38.66	3037.46	-38.94	3057.82	-38.93	3078.74	-39.41	3098.92	-39.91
3119.96	-39.99	3140.76	-40.17	3168.07	-40.70	3188.22	-41.18	3209.00	-40.98
3229.16	-41.35	3249.71	-41.51	3271.01	-41.65	3295.36	-41.88	3317.84	-42.28
3342.33	-42.41	3365.00	-42.52	3404.02	-43.14	3430.28	-43.36	3466.32	-43.54
3488.54	-43.83	3529.20	-43.87	3555.68	-44.13				
R-063	1972		1797053.01	646015.71	60.00	14.28			
	19SEP23	20OCT23	160 00	19 141					
030.70	11.18	032.45	11.15	032.84	6.44	044.67	6.44	065.61	6.62
074.26	6.59	095.19	5.07	115.76	3.73	134.39	2.47	153.57	1.38
172.91	0.55	192.56	-0.37	211.47	-1.00	231.50	-1.64	249.27	-2.34

273.38	-3.16	294.91	-4.50	312.41	-5.83	316.19	-6.49	378.98	-8.16
399.11	-9.50	419.14	-10.23	439.40	-10.43	459.52	-9.42	480.39	-8.80
500.80	-7.91	521.04	-5.20	541.55	-4.16	570.90	-4.18	591.04	-4.42
611.38	-5.06	635.29	-5.41	656.04	-6.49	687.50	-7.18	708.38	-7.63
729.58	-8.33	750.56	-8.93	779.85	-9.74	801.90	-10.24	821.98	-10.78
843.88	-11.35	865.18	-11.98	885.94	-12.61	909.27	-13.07	929.60	-13.52
951.37	-13.99	973.44	-14.34	993.56	-14.65	1021.50	-14.99	1044.04	-15.01
1064.12	-15.15	1084.91	-15.34	1110.45	-15.46	1130.73	-15.74	1169.83	-15.78
1190.96	-15.93	1212.79	-16.04	1233.83	-16.28	1255.64	-16.45	1276.07	-16.38
1299.98	-16.69	1320.00	-17.02	1340.22	-17.12	1360.33	-17.19	1392.00	-17.02
1413.58	-17.26	1434.10	-17.44	1455.16	-17.64	1487.67	-17.97	1511.42	-18.15
1540.98	-18.26	1561.33	-18.62	1583.51	-18.73	1605.46	-19.02	1626.24	-19.18
1652.14	-19.43	1672.54	-19.84	1706.86	-19.93	1727.19	-20.35	1748.04	-20.34
1768.69	-20.56	1788.74	-20.92	1811.28	-21.04	1838.54	-21.43	1860.36	-21.59
1880.97	-21.92	1902.94	-22.28	1923.15	-22.44	1953.79	-22.74	1974.31	-23.15
1995.80	-23.42	2021.13	-23.66	2041.45	-24.01	2061.61	-24.31	2083.08	-24.69
2114.87	-25.02	2135.76	-25.24	2157.68	-25.58	2190.68	-26.15	2211.56	-26.31
2231.63	-26.79	2252.48	-27.10	2273.00	-27.29	2293.30	-27.65	2314.50	-28.17
2334.98	-28.45	2364.78	-28.85	2386.35	-29.14	2419.99	-29.57	2442.08	-30.08
2465.72	-30.42	2486.26	-30.66	2509.34	-31.00	2533.30	-31.30	2553.32	-31.87
2573.41	-31.98	2594.01	-32.37	2633.18	-32.79	2653.87	-33.28	2674.91	-33.67
2700.95	-33.96	2721.10	-34.19	2743.62	-34.91	2764.06	-35.07	2786.16	-35.58
2817.24	-35.89	2849.36	-36.31	2869.59	-36.77	2892.51	-37.08	2917.76	-37.40
2938.00	-37.72	2962.14	-38.17	2995.40	-38.62	3019.17	-38.66	3040.51	-38.92
3061.64	-39.32	3082.24	-39.60	3110.95	-39.99	3132.33	-40.29	3155.21	-40.44
3175.61	-40.81	3195.97	-40.97	3227.14	-41.45	3247.82	-41.58	3271.20	-41.73
3292.48	-41.98	3318.03	-42.32	3340.74	-42.53	3361.10	-42.88	3387.06	-42.92
3408.44	-43.05	3430.35	-43.35	3450.84	-43.57	3483.19	-44.22	3505.37	-44.17
3530.82	-44.06	3568.42	-44.53	3589.27	-44.57	3611.07	-44.92	3635.24	-45.34
R-064	1987	1796202.98	646417.99	60.00	10.70				
	19SEP23	20OCT23	154 00	19 135					
-000.95	10.84	000.09	11.00	000.40	7.05	015.99	6.44	031.63	6.36
042.33	5.98	061.91	5.17	080.23	4.67	096.95	4.10	115.37	2.29
130.62	1.16	148.95	0.27	170.44	-0.58	201.28	-1.91	241.50	-3.53
261.91	-4.76	277.77	-5.43	285.27	-5.99	294.59	-6.71	389.78	-7.27
410.42	-8.13	431.81	-7.97	452.18	-7.79	474.00	-8.11	495.86	-8.45
516.83	-8.93	538.28	-9.24	575.50	-9.40	596.38	-8.93	617.24	-8.40

637.34	-8.16	657.88	-7.55	683.52	-6.81	717.00	-7.03	741.35	-7.39
766.90	-7.88	800.18	-8.60	823.62	-9.64	844.20	-10.65	865.07	-11.31
894.97	-12.07	915.99	-12.70	937.02	-13.28	959.72	-13.69	980.93	-14.22
1011.44	-14.85	1032.92	-15.14	1053.02	-15.19	1075.16	-15.38	1112.60	-15.50
1140.08	-15.59	1167.72	-15.78	1190.16	-15.93	1213.65	-16.08	1237.68	-16.29
1262.48	-16.51	1283.07	-16.89	1303.56	-17.06	1324.90	-17.10	1345.77	-17.17
1379.21	-17.56	1415.86	-17.56	1444.22	-17.52	1479.40	-17.85	1500.70	-18.25
1523.14	-18.42	1548.76	-18.86	1579.84	-19.05	1610.28	-19.22	1639.13	-19.45
1659.65	-19.78	1680.12	-20.10	1701.81	-20.52	1733.09	-20.92	1755.86	-20.89
1789.39	-21.11	1816.30	-21.44	1836.55	-21.68	1860.59	-21.90	1880.79	-22.27
1902.45	-22.62	1925.18	-22.98	1947.01	-23.27	1967.74	-23.56	1988.40	-24.00
2019.87	-24.29	2056.90	-24.54	2093.17	-25.03	2113.75	-25.47	2134.16	-26.14
2158.92	-26.21	2180.55	-26.57	2201.83	-26.86	2229.47	-27.04	2249.97	-27.50
2270.07	-27.79	2301.11	-28.42	2325.31	-28.68	2347.42	-29.05	2368.57	-29.33
2388.90	-29.57	2425.45	-29.81	2446.51	-30.39	2466.80	-30.92	2491.16	-31.39
2512.82	-31.44	2534.24	-31.78	2557.34	-32.03	2578.64	-32.28	2599.71	-32.52
2619.75	-33.03	2640.10	-33.69	2663.66	-33.84	2683.85	-34.09	2720.29	-34.57
2744.02	-35.10	2771.41	-35.31	2798.46	-35.70	2819.43	-35.99	2840.22	-36.12
2861.88	-36.33	2885.72	-36.79	2906.18	-37.21	2929.29	-37.67	2950.17	-37.86
2970.35	-38.04	2997.49	-38.20	3018.34	-38.34	3039.50	-38.44	3060.00	-38.83
3085.57	-39.44	3110.96	-39.79	3135.15	-39.78	3156.00	-40.11	3182.94	-40.39
3204.48	-40.16	3225.68	-40.52	3246.52	-40.73	3268.17	-40.93	3288.57	-41.05
3308.83	-41.31	3333.16	-41.67	3355.96	-42.05	3384.66	-42.16	3413.82	-42.39
3439.85	-42.58	3463.83	-43.09	3483.95	-43.34	3505.95	-43.57	3527.12	-43.99
3551.71	-44.18	3574.87	-44.53	3599.60	-44.68	3620.38	-44.72		
R-065	1978	1795318.91	646788.50	60.00	4.80				
	19SEP23	20OCT23	152 00	19 133					
-049.48	10.24	-022.90	7.51	006.93	6.28	027.32	5.99	046.75	5.37
063.80	4.74	080.59	4.18	101.06	3.36	122.19	2.43	144.55	1.44
161.97	0.81	181.51	0.36	202.70	-0.07	222.66	-0.60	240.35	-1.14
266.04	-2.25	297.17	-3.75	322.78	-5.74	335.44	-6.26	404.04	-8.01
432.86	-7.14	453.06	-7.63	487.99	-4.00	508.72	-4.23	533.29	-4.58
553.34	-4.96	585.80	-5.21	606.29	-5.74	636.62	-6.01	656.78	-6.62
679.25	-7.22	718.86	-8.22	741.19	-8.62	764.06	-9.29	785.82	-9.78
815.88	-10.81	838.26	-11.33	858.38	-11.90	879.26	-12.40	899.30	-12.73
919.44	-13.13	939.62	-14.01	962.00	-14.15	988.79	-14.26	1009.04	-14.67
1036.32	-14.93	1057.50	-15.24	1077.74	-15.22	1098.85	-15.41	1125.37	-15.47

1146.44	-15.67	1166.90	-15.68	1188.58	-16.21	1209.00	-15.96	1232.14	-16.15
1263.89	-16.38	1284.30	-17.03	1324.36	-16.86	1344.92	-17.32	1365.64	-17.09
1400.68	-17.12	1421.10	-17.60	1458.60	-17.83	1479.89	-17.98	1505.44	-18.07
1525.64	-18.55	1556.65	-18.72	1579.55	-19.03	1610.83	-19.19	1631.74	-19.47
1654.35	-19.78	1674.94	-19.93	1699.79	-20.07	1720.36	-20.37	1754.74	-20.68
1777.32	-21.14	1799.35	-21.11	1821.53	-21.45	1842.00	-21.87	1875.86	-22.29
1898.49	-22.47	1919.61	-22.59	1940.18	-22.92	1962.24	-23.43	1988.18	-23.73
2010.71	-23.90	2031.68	-24.20	2051.97	-24.41	2091.81	-24.98	2113.46	-25.36
2134.66	-25.62	2155.06	-25.89	2178.83	-26.27	2215.08	-26.72	2237.22	-27.00
2258.10	-27.53	2280.10	-27.78	2305.45	-28.05	2327.92	-28.36	2349.56	-28.73
2375.31	-29.09	2395.39	-29.39	2418.48	-29.69	2439.22	-30.19	2462.93	-30.48
2487.73	-30.72	2514.38	-31.22	2534.89	-31.52	2555.96	-31.89	2582.40	-32.13
2603.62	-32.46	2624.04	-32.73	2648.40	-33.06	2682.56	-33.68	2703.22	-33.95
2725.92	-34.26	2746.38	-34.63	2784.85	-35.34	2806.67	-35.66	2831.05	-35.91
2853.17	-36.41	2882.55	-36.98	2905.54	-37.17	2931.52	-37.50	2952.00	-37.78
2973.14	-38.17	3013.71	-38.61	3034.48	-38.80	3055.71	-39.20	3080.72	-39.71
3118.24	-39.97	3140.15	-40.25	3161.22	-40.64	3187.02	-40.88	3208.60	-41.03
3232.00	-41.20	3258.32	-41.65	3278.57	-41.93	3303.30	-42.16	3323.44	-42.22
3363.32	-42.61	3383.47	-42.86	3405.05	-43.11	3432.26	-43.22	3453.56	-43.37
3481.26	-43.68	3503.58	-43.91	3526.90	-44.16	3555.22	-44.32	3579.82	-44.56
3606.76	-44.76	3627.44	-45.10						
R-066	1978	179434	1.42	647217.70	60.00	8.13			
	16OCT23	20OCT23	152 00	19 133					

009.35	11.70	010.00	11.67	010.52	7.41	022.18	6.54	025.00	5.60
046.00	4.20	068.00	2.90	090.00	1.90	113.00	1.10	135.00	0.60
155.00	0.10	178.00	0.20	200.00	0.30	225.00	-0.40	250.00	-1.00
272.00	-1.50	302.00	-2.70	327.00	-3.50	352.00	-4.50	365.31	-5.22
385.34	-6.43	405.78	-7.15	440.70	-8.10	461.60	-8.34	482.09	-7.67
503.29	-6.78	525.26	-6.34	559.86	-5.86	588.71	-6.16	613.71	-6.35
634.66	-5.94	665.86	-5.72	686.26	-6.29	706.56	-7.27	727.32	-8.08
749.46	-8.72	781.63	-9.54	804.20	-10.04	825.20	-10.67	845.61	-11.52
865.67	-12.11	891.54	-12.80	911.58	-13.32	931.88	-13.63	955.00	-13.90
976.48	-14.39	997.48	-14.58	1031.16	-14.95	1052.14	-15.11	1072.70	-15.35
1112.43	-15.60	1143.46	-16.04	1179.47	-15.94	1204.71	-16.03	1226.54	-16.30
1265.91	-16.46	1287.28	-16.58	1309.19	-16.87	1331.56	-17.16	1351.80	-17.19
1375.94	-17.26	1397.02	-17.64	1417.58	-17.74	1437.62	-18.23	1474.34	-18.16
1508.19	-18.28	1535.13	-18.40	1558.32	-18.77	1578.92	-19.21	1600.30	-19.34

1620.86	-19.52	1641.26	-19.63	1661.70	-19.84	1682.05	-20.14	1720.58	-20.34
1740.69	-20.62	1761.99	-20.85	1784.97	-21.13	1809.77	-21.24	1832.87	-21.57
1854.53	-22.01	1874.56	-22.46	1895.18	-22.65	1926.03	-22.81	1947.66	-22.95
1970.34	-23.26	1998.04	-23.77	2020.97	-24.11	2041.71	-24.51	2061.81	-24.60
2083.89	-24.79	2103.90	-25.04	2124.82	-25.45	2147.57	-25.88	2187.73	-26.33
2209.20	-26.66	2230.48	-26.87	2251.68	-27.13	2277.76	-27.49	2299.20	-27.97
2321.94	-28.35	2343.05	-28.58	2367.00	-28.94	2387.44	-29.28	2418.70	-29.67
2439.54	-29.98	2462.65	-30.24	2483.66	-30.62	2504.32	-30.81	2530.69	-31.55
2555.33	-31.91	2576.23	-32.12	2596.26	-32.50	2617.44	-32.74	2637.45	-33.09
2658.14	-33.40	2686.39	-33.69	2713.05	-34.02	2753.35	-34.82	2774.63	-35.32
2794.73	-35.61	2821.21	-35.85	2842.36	-36.35	2864.61	-36.60	2889.13	-36.92
2923.97	-37.12	2944.00	-37.55	2968.30	-38.08	2990.93	-38.49	3011.85	-38.70
3034.69	-38.84	3056.53	-39.25	3077.08	-39.44	3099.52	-39.75	3129.48	-40.08
3150.95	-40.11	3171.76	-40.43	3193.21	-40.96	3216.02	-41.09	3238.46	-41.33
3264.66	-41.63	3300.22	-41.82	3320.94	-42.23	3348.39	-42.60	3385.43	-42.50
3406.66	-42.93	3445.02	-43.07	3465.23	-43.66	3485.80	-44.07	3507.39	-44.01
3532.20	-44.26	3564.37	-44.83						

R-067	1987	1793537.44	647574.06	60.00	12.85
	16OCT23	20OCT23	155 00	21 134	

-000.52	13.19	000.44	13.21	001.57	7.24	015.00	5.60	033.00	4.30
053.00	3.20	068.00	2.40	089.00	1.70	106.00	1.00	125.00	0.70
143.00	0.50	162.00	0.30	184.00	-0.30	205.00	-0.50	222.00	-0.80
246.00	-1.30	269.00	-1.90	296.00	-2.90	317.00	-4.00	340.00	-5.00
360.00	-6.00	442.11	-9.88	462.44	-9.26	483.86	-8.56	504.03	-5.81
524.06	-4.62	549.73	-4.48	570.40	-5.01	599.28	-5.64	619.51	-6.12
639.73	-6.74	660.27	-7.25	683.71	-7.85	704.07	-8.41	734.26	-9.40
754.38	-9.82	775.18	-10.54	797.78	-11.07	833.32	-12.05	854.32	-12.49
875.88	-13.01	896.40	-13.28	917.08	-13.68	947.30	-14.27	968.50	-14.40
989.16	-14.75	1009.75	-15.03	1030.65	-14.99	1060.48	-15.41	1094.47	-15.42
1114.72	-15.59	1138.29	-15.77	1161.12	-15.94	1181.16	-16.03	1213.78	-16.30
1234.25	-16.42	1258.24	-16.46	1279.42	-16.69	1300.36	-17.07	1326.96	-17.21
1360.57	-17.62	1394.10	-17.66	1415.06	-17.56	1440.40	-17.86	1460.76	-18.18
1484.76	-18.30	1516.54	-18.37	1536.58	-18.66	1556.84	-18.74	1577.64	-19.15
1603.80	-19.40	1639.08	-19.67	1665.50	-19.89	1685.86	-20.32	1718.59	-20.47
1740.47	-20.76	1778.03	-21.05	1799.96	-21.44	1819.98	-21.84	1874.90	-22.20
1897.54	-22.44	1923.13	-22.82	1944.78	-23.10	1971.74	-23.22	1992.82	-23.68
2022.60	-24.00	2042.69	-24.29	2062.88	-24.59	2098.67	-25.11	2119.02	-25.57

2141.69	-25.67	2164.02	-26.01	2196.31	-26.43	2216.41	-26.74	2241.61	-27.16
2263.52	-27.65	2303.68	-27.75	2324.02	-28.25	2344.07	-28.49	2366.95	-28.88
2392.71	-29.31	2423.53	-29.62	2444.06	-30.14	2465.00	-30.38	2494.54	-30.72
2514.95	-31.26	2558.83	-31.74	2579.68	-32.14	2600.03	-32.29	2620.95	-32.69
2643.36	-33.05	2663.52	-33.33	2683.54	-33.84	2713.74	-34.11	2734.41	-34.39
2755.30	-34.80	2779.25	-35.28	2816.02	-35.80	2836.97	-35.99	2858.04	-36.34
2878.44	-36.54	2898.56	-36.90	2934.21	-37.48	2955.35	-37.79	2975.79	-38.04
3009.23	-38.54	3037.53	-38.74	3057.56	-38.99	3078.46	-39.49	3099.08	-39.41
3119.42	-39.93	3140.00	-40.21	3160.04	-40.18	3183.76	-40.82	3204.14	-41.05
3226.43	-40.85	3255.36	-41.52	3276.60	-41.79	3299.58	-41.94	3330.76	-42.27
3356.82	-42.39	3377.98	-42.70	3401.71	-42.84	3424.90	-43.16	3445.86	-43.37
3479.40	-43.41	3499.63	-43.76	3519.85	-44.06	3541.62	-44.25	3570.34	-44.54
3597.29	-44.60	3618.50	-44.91	3639.05	-45.17	3659.67	-45.25	3680.94	-45.50
R-068	1972	1792655.19	647951.45	60.00	10.83				
	16OCT23	20OCT23	171 00	22 149					

009.16	11.03	010.44	11.13	010.99	6.28	025.00	6.10	042.00	5.00
062.00	3.70	084.00	2.70	107.00	2.00	125.00	1.30	148.00	0.70
171.00	0.20	192.00	-0.30	215.00	-0.50	240.00	-0.90	265.00	-1.60
287.00	-1.60	309.00	-2.10	332.00	-2.70	356.00	-3.60	380.00	-4.90
404.00	-5.80	428.00	-6.60	452.44	-8.49	487.09	-8.23	508.62	-9.48
528.76	-9.04	552.03	-8.64	573.48	-8.35	599.59	-8.28	619.68	-7.59
639.83	-6.56	659.86	-6.00	689.33	-6.03	709.34	-6.53	729.44	-7.23
764.70	-8.07	784.87	-8.62	805.64	-9.24	827.88	-9.80	859.96	-11.27
880.68	-11.93	901.01	-12.21	921.60	-12.86	942.50	-13.32	962.71	-13.63
986.39	-13.98	1007.21	-14.18	1027.35	-14.50	1047.98	-15.08	1068.78	-15.32
1097.84	-15.66	1118.87	-15.77	1143.32	-15.45	1164.30	-15.68	1185.77	-16.07
1222.72	-16.26	1247.03	-16.39	1274.98	-16.77	1295.28	-16.92	1325.92	-17.02
1346.37	-16.99	1373.38	-16.93	1401.75	-17.21	1423.49	-17.46	1445.42	-17.97
1465.84	-18.39	1491.46	-18.31	1525.88	-18.47	1546.38	-18.53	1566.86	-18.56
1587.84	-18.83	1608.38	-19.04	1628.72	-19.31	1649.06	-19.58	1674.98	-19.82
1698.25	-20.03	1718.37	-20.30	1738.46	-20.45	1760.30	-20.54	1800.00	-21.05
1823.11	-21.47	1843.52	-21.71	1863.84	-21.86	1896.92	-22.14	1917.94	-22.51
1939.55	-22.72	1961.60	-23.12	1981.81	-23.60	2004.80	-23.81	2028.07	-24.03
2048.95	-24.23	2069.02	-24.36	2089.15	-24.72	2111.58	-25.22	2134.58	-25.46
2155.50	-25.74	2175.85	-26.02	2206.91	-26.48	2227.08	-27.09	2259.67	-27.35
2285.94	-27.36	2306.39	-27.68	2327.09	-28.08	2366.16	-28.60	2388.72	-29.04
2409.03	-29.53	2434.12	-29.92	2457.63	-30.24	2492.35	-30.49	2514.35	-30.94

2537.63	-31.34	2559.65	-31.71	2588.04	-32.24	2608.54	-32.56	2629.18	-32.94
2649.91	-33.07	2671.97	-33.31	2692.25	-33.65	2715.15	-34.11	2735.51	-34.68
2763.94	-35.04	2787.49	-35.21	2808.18	-35.57	2845.06	-36.04	2865.84	-36.42
2887.25	-36.64	2907.41	-36.75	2931.26	-37.30	2952.30	-37.65	2972.97	-38.19
2993.03	-38.36	3014.12	-38.70	3039.44	-38.66	3069.72	-39.11	3090.97	-39.53
3111.20	-39.83	3132.72	-40.11	3156.70	-40.23	3177.44	-40.69	3197.99	-41.01
3222.57	-41.14	3246.88	-41.32	3269.34	-41.42	3293.20	-41.84	3314.13	-42.13
3338.38	-42.29	3359.46	-42.51	3399.33	-42.87	3420.36	-43.26	3444.09	-43.48
3467.99	-43.40	3491.05	-43.58	3511.50	-43.79	3534.28	-43.84	3554.31	-44.36
3579.20	-44.48	3616.70	-44.83	3637.66	-44.95	3661.65	-45.16	3697.46	-45.25
3718.15	-45.61	3746.15	-45.79	3767.54	-45.86	3804.21	-46.07	3824.32	-46.32
3848.48	-46.35	3878.29	-46.62	3904.83	-46.59	3932.34	-46.71	3954.02	-46.55
3975.08	-46.40								

R-069	1978	1791787.08	648343.94	60.00	12.32
	16OCT23	20OCT23	168 00 23 145		

-001.44	12.57	000.31	12.54	000.84	6.41	013.76	5.95	030.76	4.93
035.00	4.70	049.00	3.80	071.00	3.00	095.00	2.40	117.00	1.70
140.00	1.00	165.00	0.30	190.00	-0.30	213.00	-0.60	237.00	-1.00
253.00	-1.20	276.00	-1.70	296.00	-2.30	315.00	-2.60	330.00	-3.10
350.00	-4.30	366.00	-5.30	385.00	-6.20	407.84	-8.52	433.53	-7.28
454.13	-7.59	486.15	-8.13	506.52	-9.11	527.42	-10.45	558.80	-10.03
582.72	-9.08	602.90	-8.12	623.17	-6.84	643.22	-5.89	674.98	-6.06
695.40	-6.98	718.62	-7.32	750.86	-8.13	772.20	-8.84	792.66	-9.64
813.95	-10.38	835.20	-10.85	865.10	-11.81	885.50	-12.38	905.93	-12.71
926.01	-13.30	947.76	-13.55	968.16	-14.24	995.02	-14.36	1024.84	-14.76
1057.34	-14.95	1078.41	-15.16	1103.63	-15.41	1124.80	-15.44	1145.75	-15.74
1166.25	-15.90	1199.12	-16.00	1221.20	-16.22	1241.43	-16.53	1270.82	-16.64
1291.08	-16.82	1313.37	-16.92	1350.82	-17.26	1389.95	-17.41	1409.96	-17.56
1432.16	-17.88	1454.34	-17.93	1474.68	-18.20	1497.98	-18.50	1519.23	-18.51
1540.78	-18.98	1576.49	-18.87	1596.89	-19.34	1633.35	-19.60	1653.92	-19.92
1690.15	-20.07	1710.91	-20.40	1734.52	-20.69	1759.58	-20.96	1780.32	-21.23
1803.48	-21.48	1826.33	-21.65	1847.68	-21.99	1869.92	-22.25	1890.97	-22.31
1930.76	-23.04	1951.35	-23.27	1983.10	-23.78	2027.10	-24.12	2047.64	-24.71
2079.30	-24.83	2101.70	-25.38	2122.16	-25.48	2155.86	-25.97	2176.90	-26.41
2199.65	-26.55	2219.99	-26.83	2240.90	-27.10	2260.93	-27.34	2281.14	-27.61
2303.44	-28.25	2325.40	-28.24	2345.51	-28.67	2382.91	-29.17	2402.94	-29.88
2423.90	-30.11	2464.22	-30.49	2503.25	-31.13	2524.40	-31.45	2544.62	-31.66

2566.84	-31.91	2587.24	-32.33	2607.56	-32.74	2628.04	-33.08	2649.83	-33.27
2671.09	-33.51	2692.21	-34.14	2719.06	-34.36	2740.72	-34.73	2762.60	-34.94
2788.54	-35.48	2809.28	-35.77	2831.90	-36.03	2857.60	-36.33	2879.38	-36.74
2905.80	-37.38	2929.59	-37.40	2951.00	-37.82	2971.03	-38.23	2993.05	-38.40
3018.79	-38.69	3042.09	-38.97	3063.49	-39.27	3083.76	-39.61	3104.91	-39.95
3127.79	-40.15	3153.38	-40.58	3180.88	-40.72	3201.06	-41.08	3221.10	-41.36
3257.21	-41.68	3278.24	-41.90	3305.22	-42.00	3326.24	-42.41	3350.82	-42.47
3371.29	-42.87	3393.82	-42.98	3420.18	-43.33	3442.22	-43.61	3462.36	-43.51
3483.92	-43.95	3506.26	-43.75	3527.64	-44.10	3547.72	-44.55	3578.18	-44.52
3600.18	-45.00	3623.48	-44.94	3655.50	-45.29	3675.55	-45.50	3711.34	-45.55
3731.92	-45.91	3772.92	-46.30	3793.11	-46.32	3815.10	-46.25	3835.42	-46.47
3856.33	-46.58	3886.18	-46.93	3906.72	-47.03				

R-070	1987		1791013.83	648681.89	60.00	11.84
	27SEP23	20OCT23	167 00	20 147		

-000.22	12.15	000.58	12.10	001.04	5.42	014.89	5.05	030.58	4.44
051.71	3.50	070.94	2.68	092.35	1.95	113.20	1.32	131.61	0.86
151.07	0.41	178.24	-0.22	200.47	-0.68	227.36	-1.14	250.88	-1.34
273.57	-1.86	297.79	-2.70	319.80	-3.40	339.39	-4.12	360.86	-5.25
371.05	-5.25	391.32	-6.66	411.40	-7.52	432.12	-7.99	455.82	-8.33
476.21	-8.56	499.65	-8.40	519.78	-6.23	540.24	-4.95	570.35	-5.02
591.55	-5.07	614.53	-4.88	635.04	-5.83	655.23	-6.42	676.01	-6.97
700.32	-7.87	724.00	-8.37	745.24	-8.95	767.75	-9.44	788.71	-10.11
811.14	-10.56	846.05	-11.19	866.14	-11.71	886.48	-12.29	906.69	-12.78
944.88	-13.35	965.18	-13.93	986.03	-14.47	1007.22	-14.81	1044.80	-14.87
1068.78	-14.96	1115.94	-15.71	1136.68	-15.80	1170.73	-15.83	1207.54	-15.89
1231.21	-15.94	1253.78	-16.15	1280.05	-16.33	1304.30	-16.69	1324.69	-16.84
1345.76	-17.19	1383.78	-17.36	1412.34	-17.65	1437.73	-17.82	1460.00	-18.34
1483.06	-17.71	1517.73	-18.13	1538.80	-18.47	1559.54	-18.73	1579.86	-18.99
1600.88	-19.19	1631.41	-19.60	1651.54	-19.69	1674.12	-19.84	1696.67	-20.27
1719.95	-20.56	1750.30	-20.92	1782.92	-21.19	1804.38	-21.51	1828.14	-21.68
1849.14	-21.87	1886.92	-22.20	1907.16	-22.45	1933.13	-23.00	1955.72	-23.34
1993.97	-23.65	2014.47	-23.96	2035.76	-24.30	2056.05	-24.41	2077.22	-24.71
2116.73	-25.12	2137.66	-25.49	2157.89	-25.83	2178.75	-26.10	2209.52	-26.56
2230.52	-26.95	2251.12	-27.26	2272.81	-27.47	2293.59	-27.77	2317.34	-28.15
2337.41	-28.47	2358.38	-28.81	2378.94	-29.20	2403.61	-29.58	2432.58	-29.87
2456.84	-30.14	2478.42	-30.49	2498.67	-30.96	2523.89	-31.35	2544.72	-31.69
2564.78	-31.99	2585.33	-32.42	2618.38	-32.62	2639.14	-32.91	2665.30	-33.59

2687.38	-33.88	2708.07	-34.19	2728.49	-34.67	2755.44	-34.85	2793.10	-35.39
2813.10	-35.74	2833.29	-36.10	2853.62	-36.49	2875.12	-37.04	2896.46	-37.23
2917.84	-37.32	2945.70	-37.69	2966.32	-37.84	2987.34	-38.31	3010.63	-38.73
3032.44	-38.95	3052.96	-39.40	3075.96	-39.83	3096.62	-39.84	3118.58	-39.99
3157.46	-40.66	3178.02	-40.97	3198.48	-41.17	3220.20	-41.39	3260.48	-41.64
3290.31	-42.04	3311.15	-42.44	3331.24	-42.63	3352.20	-42.58	3375.48	-42.84
3396.92	-43.23	3417.28	-43.37	3452.39	-43.65	3488.71	-43.78	3510.37	-44.33
3530.70	-44.39	3553.49	-44.36	3575.40	-44.54	3610.50	-44.96	3630.94	-45.09
3651.45	-45.20	3675.72	-45.25	3697.08	-45.35	3735.19	-46.13	3766.69	-46.23
3789.29	-46.27	3817.30	-46.38	3838.42	-46.25	3860.84	-46.68	3882.58	-46.75
3903.14	-47.18	3941.22	-47.28						
R-071	1987	1790138.44	649064.99	60.00	9.29				
	27SEP23	20OCT23	167 00 24 143						

-004.59	14.04	-002.96	13.97	-000.04	6.74	005.22	6.38	021.36	5.43
040.37	4.23	059.28	3.07	079.70	2.23	099.69	1.66	113.72	1.32
133.93	0.98	153.53	0.63	173.49	0.19	195.47	-0.51	216.58	-1.06
236.44	-1.64	253.74	-2.21	272.15	-2.83	308.76	-4.30	336.94	-6.23
354.91	-7.08	369.31	-7.63	399.40	-8.59	421.20	-8.35	455.60	-9.70
475.61	-9.22	495.62	-8.89	517.42	-8.68	538.33	-8.30	559.14	-7.83
595.55	-7.51	616.69	-7.18	636.82	-6.37	668.14	-6.41	692.01	-6.90
713.65	-7.49	744.74	-8.56	765.32	-8.96	786.34	-9.53	810.48	-10.17
830.76	-10.82	861.19	-11.65	881.49	-12.30	902.22	-12.92	925.11	-13.42
946.21	-13.92	967.24	-14.28	993.28	-14.80	1015.38	-14.86	1037.46	-14.99
1059.89	-15.13	1098.78	-15.52	1130.06	-15.87	1153.32	-15.84	1180.02	-16.07
1200.51	-16.25	1225.26	-16.24	1246.02	-16.42	1266.21	-16.78	1294.43	-16.65
1314.76	-16.94	1336.23	-17.04	1357.50	-17.22	1377.98	-17.37	1398.69	-17.45
1420.20	-17.40	1442.51	-17.94	1468.94	-17.92	1494.92	-18.28	1516.06	-18.38
1540.72	-18.71	1577.12	-18.78	1597.43	-19.11	1619.05	-19.36	1641.38	-19.45
1663.56	-19.67	1686.90	-19.94	1712.73	-20.11	1734.00	-20.44	1754.35	-20.53
1775.56	-20.96	1799.68	-21.24	1825.40	-21.47	1847.24	-21.68	1867.39	-21.90
1893.46	-22.37	1918.30	-22.47	1939.28	-22.90	1961.95	-23.08	1998.74	-23.62
2027.11	-23.99	2047.83	-24.30	2080.17	-24.49	2105.12	-25.01	2125.55	-25.13
2147.00	-25.47	2168.58	-25.80	2188.96	-26.09	2209.98	-26.50	2236.15	-26.73
2256.70	-27.13	2277.39	-27.42	2312.26	-27.85	2334.05	-28.51	2364.84	-28.70
2385.17	-29.08	2408.48	-29.30	2428.97	-29.66	2450.40	-30.08	2470.86	-30.34
2491.74	-30.69	2519.10	-31.03	2539.58	-31.31	2561.87	-31.63	2596.08	-32.37
2616.45	-32.55	2637.70	-32.86	2659.24	-33.10	2687.14	-33.80	2707.96	-34.16

2742.80	-34.46	2763.37	-34.88	2783.44	-35.29	2821.96	-35.73	2842.58	-36.13
2865.77	-36.44	2886.55	-36.96	2907.38	-37.09	2943.36	-37.69	2966.38	-38.16
2991.97	-38.43	3020.00	-38.67	3052.42	-39.18	3074.48	-39.54	3094.50	-39.75
3122.01	-40.09	3143.57	-40.59	3167.28	-40.51	3194.81	-40.95	3215.20	-41.28
3235.68	-41.47	3255.92	-41.59	3276.28	-41.80	3296.65	-42.16	3320.17	-42.30
3342.24	-42.59	3372.37	-42.79	3392.66	-43.00	3412.92	-43.32	3438.14	-43.66
3464.89	-43.74	3492.61	-43.90	3513.59	-44.26	3536.81	-44.54	3577.42	-44.83
3598.03	-44.77	3619.57	-45.44	3640.02	-45.36	3672.43	-45.35	3693.50	-45.84
3718.77	-45.98	3747.81	-46.02	3770.20	-46.14	3800.16	-46.46	3820.56	-46.78
3859.32	-46.63	3883.50	-46.87						
R-072	1972	1789186.62	649446.14	60.00	7.89				
	27SEP23	20OCT23	175 00 26 149						

002.24	11.51	008.08	8.24	008.15	6.48	022.44	5.95	038.22	5.23
053.43	4.73	073.13	3.88	092.68	3.12	110.90	2.44	132.38	1.82
152.42	1.29	173.48	0.97	190.59	0.67	207.43	0.38	224.03	0.00
242.19	-0.39	260.04	-1.06	276.56	-1.64	297.93	-2.73	322.50	-3.81
345.05	-5.62	359.40	-6.44	364.63	-6.16	380.80	-7.78	387.04	-8.14
401.57	-8.43	423.48	-5.08	443.53	-6.05	467.30	-6.37	488.20	-6.79
515.64	-8.61	536.14	-10.97	560.48	-10.48	588.39	-10.90	614.89	-10.29
637.10	-9.52	657.90	-8.55	678.04	-6.64	699.80	-6.06	751.40	-7.03
771.71	-7.60	791.82	-8.00	813.05	-8.48	833.44	-9.09	866.48	-10.03
886.54	-10.82	906.65	-11.55	928.93	-12.34	950.14	-12.95	983.12	-13.80
1006.77	-14.34	1028.03	-14.55	1049.12	-14.79	1069.74	-15.05	1093.20	-15.24
1125.09	-15.40	1145.15	-15.64	1166.40	-16.00	1186.80	-16.08	1207.39	-16.16
1237.66	-16.17	1260.58	-16.34	1294.42	-16.44	1314.44	-16.66	1344.48	-16.95
1371.14	-17.16	1407.50	-17.16	1436.31	-17.80	1467.84	-18.21	1495.07	-17.93
1520.95	-18.05	1542.47	-18.22	1575.61	-18.43	1597.33	-18.68	1618.23	-19.02
1638.68	-19.35	1660.54	-19.52	1680.56	-19.67	1702.10	-20.05	1724.90	-20.25
1751.52	-20.38	1775.52	-20.42	1806.45	-20.74	1828.08	-21.02	1848.73	-21.29
1870.50	-21.63	1892.02	-22.18	1912.82	-22.35	1942.14	-22.56	1964.63	-22.65
1986.59	-22.90	2013.23	-23.31	2037.31	-23.51	2062.31	-23.87	2082.74	-24.22
2103.12	-24.67	2125.85	-25.08	2146.59	-25.28	2168.17	-25.37	2188.99	-25.51
2211.00	-25.88	2232.22	-26.25	2253.68	-26.78	2285.18	-26.93	2309.76	-27.22
2331.68	-27.68	2353.75	-28.17	2374.25	-28.69	2395.91	-28.89	2416.46	-29.09
2441.19	-29.37	2465.91	-29.62	2504.41	-30.55	2525.35	-30.82	2545.93	-30.89
2567.02	-31.41	2588.42	-31.99	2611.15	-31.92	2639.55	-32.14	2659.55	-32.77
2679.92	-32.97	2700.81	-33.27	2721.76	-33.69	2742.97	-34.13	2770.74	-34.46

2794.39	-34.76	2834.20	-35.47	2854.89	-35.87	2879.84	-36.08	2902.24	-36.60
2939.65	-37.00	2960.70	-37.41	2980.73	-37.62	3001.41	-38.00	3021.62	-38.42
3045.30	-38.44	3073.26	-38.80	3094.67	-39.11	3116.54	-39.58	3138.37	-39.77
3159.31	-40.03	3197.56	-40.75	3221.64	-40.92	3243.46	-41.07	3264.32	-41.37
3290.78	-41.67	3310.94	-42.06	3332.05	-42.20	3352.81	-42.48	3373.77	-42.68
3413.35	-42.95	3435.43	-43.24	3461.50	-43.46	3482.34	-43.87	3509.42	-44.03
3534.78	-44.21	3554.82	-44.65	3575.04	-44.59	3602.71	-44.47	3624.78	-44.86
3645.54	-44.92	3667.63	-45.04	3688.02	-45.43	3713.93	-45.63	3735.54	-45.86
3762.62	-46.11	3783.34	-46.08	3810.20	-46.16	3830.72	-46.42	3851.05	-46.55
3875.90	-46.73	3902.82	-46.90	3923.98	-46.96	3961.57	-47.16	3983.80	-47.03
R-073	1987	1788311.94	649746.20	60.00	21.07				
	27SEP23	20OCT23	162 00 28 134						

017.97	19.10	025.55	15.73	041.65	10.95	053.05	7.55	053.50	6.58
054.71	6.58	056.34	10.07	063.73	9.91	065.26	6.66	080.73	6.06
098.10	5.56	120.49	4.79	140.04	3.95	159.86	3.15	179.09	2.46
199.93	1.81	219.91	1.30	240.08	0.80	260.19	0.41	278.74	0.02
299.98	-0.63	319.42	-1.28	337.39	-1.97	355.76	-2.60	374.46	-3.27
399.61	-4.42	417.78	-6.04	428.65	-5.96	488.78	-5.20	521.22	-6.64
542.84	-7.07	563.41	-7.45	597.08	-7.30	619.73	-7.13	639.97	-6.77
660.81	-5.92	682.50	-5.50	718.03	-4.99	740.15	-5.69	760.50	-6.19
780.66	-6.90	803.28	-7.82	831.38	-8.21	851.70	-9.10	888.83	-9.93
909.96	-10.52	930.39	-11.06	950.48	-11.55	977.24	-12.25	997.65	-12.87
1017.76	-13.12	1038.35	-13.63	1058.91	-13.95	1079.83	-14.21	1115.34	-14.75
1136.95	-14.91	1158.75	-14.96	1178.92	-15.33	1202.30	-15.31	1222.72	-15.56
1244.68	-15.78	1265.47	-15.87	1289.12	-15.99	1309.68	-16.17	1340.63	-16.34
1360.74	-16.49	1385.42	-16.51	1405.90	-16.84	1429.48	-16.90	1468.26	-17.35
1489.46	-17.33	1520.95	-17.60	1542.37	-17.82	1571.60	-17.80	1592.20	-18.06
1612.36	-18.29	1634.58	-18.20	1656.07	-18.58	1676.95	-19.02	1698.32	-19.04
1722.60	-19.23	1749.70	-19.38	1772.50	-19.89	1793.30	-20.16	1822.90	-20.11
1843.47	-20.56	1864.24	-20.82	1891.04	-20.94	1911.24	-21.45	1934.62	-21.40
1954.96	-21.86	1975.21	-22.06	2010.70	-22.36	2032.27	-22.74	2064.06	-22.99
2084.44	-23.23	2109.00	-23.52	2147.55	-24.00	2167.73	-24.33	2195.04	-24.62
2215.41	-25.02	2235.76	-25.38	2261.70	-25.66	2282.70	-25.86	2304.63	-26.28
2324.93	-26.65	2365.07	-27.03	2385.45	-27.46	2405.74	-27.68	2426.15	-27.96
2446.16	-28.27	2466.58	-28.54	2502.27	-29.35	2523.64	-29.45	2544.36	-29.77
2565.32	-30.20	2594.31	-30.55	2615.98	-30.88	2636.12	-31.08	2656.68	-31.45
2678.29	-31.78	2700.57	-32.31	2723.24	-32.71	2751.28	-32.95	2772.58	-33.31

2794.03	-33.49	2822.06	-34.14	2844.88	-34.43	2865.36	-34.78	2885.39	-35.04
2906.26	-35.39	2935.74	-35.92	2958.42	-36.21	2979.63	-36.61	3000.32	-36.70
3021.44	-37.13	3043.24	-37.45	3080.02	-37.96	3100.57	-38.25	3121.41	-38.52
3141.54	-38.82	3167.88	-39.22	3188.60	-39.51	3221.30	-39.96	3241.45	-40.19
3275.94	-40.57	3306.67	-41.27	3334.84	-41.14	3359.03	-41.65	3395.27	-42.08
3429.01	-42.39	3457.81	-42.55	3484.50	-42.97	3518.04	-43.20	3543.12	-43.51
3582.39	-43.63	3603.86	-43.94	3631.45	-44.17	3651.59	-44.47	3681.40	-44.64
3710.82	-44.98	3732.62	-45.05						
R-074	1987	1787470.67	650103.89	60.00	22.90				
	27SEP23	20OCT23	162 00 22 140						

054.18	8.78	054.20	7.43	070.37	8.22	072.16	6.37	085.67	5.88
101.91	5.20	125.32	4.25	141.04	3.60	161.19	2.69	181.82	2.12
201.60	1.68	224.34	1.27	246.24	0.92	267.58	0.49	288.95	-0.01
309.68	-0.59	331.24	-1.02	351.41	-1.62	369.21	-2.04	391.67	-2.96
420.31	-4.28	445.69	-5.85	481.13	-6.63	502.76	-7.33	523.21	-8.14
548.06	-8.48	574.13	-8.09	594.82	-8.07	614.89	-10.01	636.56	-9.74
657.72	-9.43	679.77	-9.05	704.25	-8.86	724.50	-7.85	744.56	-6.42
774.20	-5.87	814.17	-6.47	835.34	-7.62	855.50	-8.19	876.16	-8.83
912.38	-9.98	932.72	-10.81	953.02	-11.52	973.23	-12.02	993.91	-12.43
1013.94	-13.04	1051.50	-14.00	1078.00	-14.46	1098.56	-14.72	1120.68	-14.98
1145.39	-14.93	1165.81	-15.24	1186.14	-15.37	1214.17	-15.50	1243.56	-15.61
1282.24	-15.93	1303.20	-16.19	1324.76	-16.41	1345.63	-16.77	1374.44	-16.85
1410.93	-16.78	1434.08	-16.76	1455.34	-17.01	1476.25	-17.23	1508.50	-17.52
1528.58	-17.68	1552.22	-17.81	1572.72	-18.04	1592.85	-18.20	1618.31	-18.43
1648.91	-18.57	1687.92	-18.77	1729.02	-19.23	1749.47	-19.64	1773.44	-19.94
1795.24	-20.05	1817.26	-20.21	1848.41	-20.37	1869.46	-20.76	1893.43	-20.91
1916.04	-21.06	1937.45	-21.33	1973.94	-21.59	1994.27	-22.02	2014.55	-22.38
2034.80	-22.55	2055.20	-22.62	2076.80	-22.82	2105.01	-23.16	2125.39	-23.56
2148.42	-23.93	2169.14	-24.19	2202.95	-24.40	2223.09	-24.76	2244.45	-24.97
2267.02	-25.25	2289.68	-25.64	2310.59	-25.99	2335.42	-26.10	2356.28	-26.49
2378.10	-26.90	2398.87	-27.36	2438.39	-27.80	2458.66	-28.05	2479.32	-28.37
2499.64	-28.65	2527.98	-29.39	2548.08	-29.68	2570.38	-29.96	2591.45	-30.22
2613.02	-30.53	2643.82	-31.01	2665.98	-31.41	2686.44	-31.73	2707.14	-32.08
2727.60	-32.55	2748.20	-32.71	2783.24	-33.24	2803.44	-33.62	2823.62	-33.94
2843.94	-34.19	2868.38	-34.50	2892.08	-35.09	2913.53	-35.54	2935.41	-35.91
2960.06	-35.99	2983.96	-36.33	3005.43	-36.56	3027.09	-37.02	3047.66	-37.43
3076.42	-37.73	3096.65	-38.05	3116.85	-38.47	3139.83	-38.66	3163.26	-38.88

3184.04	-39.17	3210.26	-39.27	3236.00	-40.00	3256.95	-40.64	3282.72	-40.65
3303.90	-40.67	3324.70	-40.99	3348.33	-41.40	3368.55	-41.60	3389.08	-41.79
3411.04	-41.86	3436.99	-42.25	3457.07	-42.81	3496.68	-43.04	3516.96	-43.21
3551.90	-43.41	3585.24	-43.74	3605.53	-44.04	3625.60	-44.48	3647.99	-44.44
3669.04	-44.56	3691.73	-44.56	3713.02	-44.70	3734.61	-44.97	3755.80	-45.13
3796.76	-45.71	3817.10	-46.05						
R-075	1972	1786744.64	650498.60	60.00	6.55				
	27SEP23	20OCT23	165 00 25 140						

-003.36	10.64	-002.68	6.21	002.40	6.21	002.90	7.07	011.71	5.99
011.89	6.38	021.42	5.47	037.51	4.65	041.62	4.39	062.57	3.31
082.99	2.37	102.70	1.67	119.23	1.20	139.27	0.72	159.36	0.38
179.28	0.13	200.64	-0.23	221.71	-0.60	241.08	-0.98	259.34	-1.36
287.96	-1.95	317.76	-2.97	343.80	-4.08	366.76	-5.51	402.13	-7.44
428.18	-7.99	457.91	-8.52	488.54	-8.79	509.34	-9.43	529.70	-10.49
555.66	-10.06	576.58	-9.70	597.08	-6.46	617.42	-4.39	648.33	-4.47
668.54	-5.40	696.17	-6.00	717.28	-6.95	750.92	-7.73	771.08	-8.45
801.40	-9.09	821.60	-10.03	846.60	-10.38	868.16	-11.19	889.12	-11.54
913.70	-12.35	933.75	-13.10	956.20	-13.39	976.91	-13.84	997.14	-14.18
1020.48	-14.60	1041.20	-14.98	1070.30	-15.06	1110.51	-15.18	1130.57	-15.50
1159.50	-15.77	1198.87	-15.99	1228.07	-16.07	1255.78	-16.30	1277.56	-16.46
1302.25	-16.65	1330.04	-16.83	1360.47	-17.04	1384.81	-17.37	1410.68	-17.24
1432.55	-17.49	1453.39	-17.55	1474.00	-17.90	1494.90	-18.06	1515.66	-18.08
1535.82	-18.21	1557.74	-18.64	1580.30	-18.53	1613.28	-18.96	1633.56	-19.27
1655.14	-19.53	1676.82	-19.57	1697.03	-19.64	1720.60	-19.91	1740.62	-20.25
1760.66	-20.49	1782.46	-20.39	1802.88	-20.75	1824.21	-21.04	1852.51	-21.16
1872.78	-21.45	1893.13	-21.69	1913.49	-21.95	1934.06	-22.22	1960.10	-22.41
1980.67	-22.72	2001.03	-22.95	2021.96	-23.20	2041.98	-23.41	2077.74	-23.97
2098.12	-24.16	2118.20	-24.47	2138.23	-24.80	2158.91	-24.85	2186.00	-25.42
2206.85	-25.71	2232.14	-25.91	2252.95	-26.14	2273.14	-26.42	2294.46	-26.81
2316.05	-27.07	2336.17	-27.28	2356.60	-27.56	2377.67	-28.10	2397.77	-28.43
2418.04	-28.73	2438.26	-28.91	2458.59	-29.30	2478.91	-29.61	2499.89	-29.82
2520.20	-30.33	2552.19	-30.70	2572.79	-31.31	2609.84	-31.62	2631.41	-32.14
2662.34	-32.43	2684.37	-32.90	2706.66	-33.08	2727.10	-33.57	2748.75	-33.86
2772.88	-34.15	2792.98	-34.64	2815.01	-34.91	2837.69	-35.35	2866.52	-35.86
2894.31	-36.11	2914.78	-36.51	2935.44	-36.68	2955.71	-37.08	2978.70	-37.39
3015.51	-38.00	3035.71	-38.31	3056.76	-38.53	3077.09	-38.86	3099.06	-39.23
3119.30	-39.50	3144.02	-39.76	3164.10	-40.22	3195.82	-40.59	3237.22	-41.09

3258.00	-41.36	3280.57	-41.40	3301.18	-41.89	3322.18	-42.03	3358.03	-42.28
3378.78	-42.57	3408.05	-42.82	3428.81	-43.11	3450.07	-43.33	3471.52	-43.55
3502.21	-43.71	3523.06	-44.06	3556.05	-44.32	3576.29	-44.50	3599.32	-44.63
3631.04	-44.97	3651.31	-45.21	3684.56	-45.42	3711.62	-45.63	3742.72	-45.88
R-076	1987	1785710.21	650937.94	60.00	13.18				
	17OCT23	20OCT23	174 00 24 150						

-006.66	18.39	-004.19	18.44	-003.20	6.80	014.39	6.13	020.00	5.70
038.00	4.80	057.00	3.90	074.00	3.20	094.00	2.70	114.00	2.00
135.00	1.40	135.00	0.40	160.00	0.80	210.00	0.20	235.00	-0.20
257.00	-0.40	278.00	-0.70	299.00	-0.90	320.00	-1.00	340.00	-1.30
357.00	-1.70	379.00	-2.30	402.00	-2.90	428.00	-4.50	459.59	-6.53
479.86	-7.21	500.17	-9.16	520.47	-11.66	540.69	-11.18	561.26	-10.69
584.70	-10.43	605.71	-10.06	627.72	-9.34	647.98	-9.04	668.04	-8.44
688.11	-7.15	708.98	-6.15	754.54	-6.18	779.26	-6.96	799.82	-7.50
821.30	-8.47	844.03	-9.18	870.93	-10.39	892.66	-10.85	913.82	-11.43
935.49	-12.02	955.91	-12.56	976.42	-13.15	1005.54	-13.45	1026.53	-13.87
1051.86	-14.52	1072.01	-14.71	1092.42	-14.86	1119.41	-15.19	1140.76	-15.46
1162.06	-15.78	1182.42	-15.98	1213.04	-15.99	1233.08	-15.88	1254.88	-15.80
1278.36	-16.01	1299.30	-16.39	1322.16	-16.77	1342.27	-16.98	1364.79	-17.11
1398.88	-17.12	1419.67	-17.63	1443.84	-17.38	1466.76	-17.73	1496.60	-17.57
1517.30	-17.93	1549.80	-18.21	1570.56	-18.48	1592.90	-18.55	1613.70	-18.72
1640.20	-18.90	1678.53	-19.26	1698.94	-19.64	1719.11	-19.94	1740.26	-20.26
1763.80	-20.19	1783.86	-20.21	1806.42	-20.55	1827.10	-21.17	1847.72	-21.55
1878.67	-21.61	1899.62	-21.66	1939.68	-22.21	1959.94	-22.47	1994.10	-22.72
2020.64	-23.18	2041.18	-23.48	2061.24	-23.86	2081.61	-24.10	2102.32	-24.15
2124.10	-24.25	2146.26	-24.72	2167.68	-25.16	2187.97	-25.49	2208.60	-25.80
2230.28	-26.09	2263.04	-26.60	2283.48	-27.03	2321.97	-27.21	2344.49	-27.41
2380.36	-27.90	2401.63	-28.39	2425.07	-28.87	2460.46	-29.21	2498.40	-29.77
2519.23	-30.10	2544.68	-30.33	2567.48	-30.87	2589.02	-31.25	2619.81	-31.52
2641.53	-31.96	2663.27	-32.37	2684.37	-32.85	2708.81	-33.12	2738.19	-33.49
2760.26	-33.99	2780.67	-34.35	2803.83	-34.57	2831.00	-34.72	2851.12	-35.35
2873.56	-35.72	2893.67	-36.16	2913.85	-36.53	2950.48	-36.72	2970.67	-37.22
2993.02	-37.36	3014.04	-37.81	3037.23	-38.03	3071.02	-38.66	3094.74	-39.07
3127.15	-39.32	3147.45	-39.78	3167.57	-40.05	3191.89	-40.16	3212.49	-40.33
3234.49	-40.88	3255.48	-41.23	3275.88	-41.37	3295.98	-41.46	3316.64	-41.67
3337.48	-42.24	3373.61	-42.41	3404.04	-42.61	3424.04	-42.88	3445.50	-43.22
3474.47	-43.52	3496.11	-43.61	3519.88	-43.90	3541.00	-44.15	3564.69	-44.47

3588.07	-44.65	3608.38	-44.96	3631.19	-44.89	3658.81	-44.91	3679.21	-45.21
3702.16	-45.71	3740.47	-45.87	3766.41	-45.87	3786.97	-46.09	3807.76	-46.33
3835.62	-46.35	3863.99	-46.64	3892.90	-46.93	3928.86	-47.05	3951.65	-47.20
3972.34	-47.48	3993.26	-47.38	4015.17	-47.58	4042.87	-47.67		
R-077	1987	1784855.75	651325.21	60.00	13.58				
	17OCT23	20OCT23	196 00	23 173					

-001.04	10.79	000.18	10.76	000.52	6.55	016.04	5.70	033.00	3.80
053.00	2.70	077.00	1.90	101.00	0.40	125.00	1.10	147.00	-0.10
171.00	-0.50	195.00	-0.80	217.00	-1.70	239.00	-2.20	264.00	-1.70
289.00	-1.40	314.00	-1.60	339.00	-2.50	359.00	-3.00	380.00	-3.50
396.00	-4.50	412.00	-5.60	438.00	-7.10	464.98	-8.38	484.98	-9.52
505.49	-9.99	526.46	-10.17	558.47	-9.72	579.82	-9.70	604.01	-8.91
624.78	-7.07	645.70	-5.27	679.60	-5.23	700.02	-5.79	720.40	-6.26
740.59	-7.06	769.96	-7.63	790.17	-8.51	810.17	-9.13	830.40	-9.59
850.84	-10.23	872.48	-10.89	907.55	-11.96	928.52	-12.38	950.17	-12.86
970.41	-13.38	991.28	-13.77	1021.50	-14.26	1041.72	-14.61	1063.90	-14.84
1084.22	-15.04	1105.12	-15.16	1133.58	-15.38	1153.80	-15.47	1176.90	-15.92
1197.45	-15.69	1219.16	-15.90	1239.50	-16.39	1263.09	-16.38	1286.38	-16.27
1307.12	-16.51	1327.42	-16.71	1361.45	-16.89	1382.76	-16.97	1404.46	-17.26
1431.85	-17.48	1465.60	-17.68	1486.19	-17.86	1507.66	-17.74	1530.38	-18.24
1566.20	-18.44	1597.84	-18.59	1618.39	-18.82	1639.44	-19.13	1661.48	-19.29
1687.60	-19.51	1711.45	-19.76	1734.28	-19.87	1754.65	-20.18	1774.69	-20.28
1797.02	-20.58	1820.81	-20.71	1841.12	-21.24	1861.34	-21.16	1883.13	-21.32
1903.52	-21.83	1928.94	-21.91	1949.33	-22.35	1969.44	-22.56	1990.17	-22.71
2011.19	-23.14	2033.00	-23.43	2065.30	-23.78	2087.19	-24.03	2115.44	-24.28
2137.17	-24.75	2159.58	-24.83	2180.02	-25.18	2200.04	-25.53	2221.00	-25.71
2241.56	-25.93	2262.04	-26.58	2287.93	-26.60	2307.98	-26.97	2328.36	-27.40
2352.59	-27.57	2372.93	-27.98	2412.62	-28.47	2433.21	-28.78	2453.96	-29.15
2475.01	-29.39	2495.63	-29.80	2516.51	-30.22	2537.02	-30.37	2562.06	-30.87
2582.26	-31.29	2617.79	-31.98	2638.12	-32.24	2658.24	-32.46	2678.34	-33.03
2701.63	-33.17	2724.06	-33.54	2744.44	-34.20	2775.60	-34.34	2795.77	-34.90
2818.51	-35.28	2847.64	-35.60	2868.17	-36.27	2908.72	-36.91	2932.60	-36.85
2952.78	-37.27	2973.50	-37.71	2999.96	-38.21	3028.82	-38.35	3050.45	-38.70
3089.80	-39.27	3110.88	-39.64	3142.05	-39.88	3162.74	-40.16	3186.46	-40.59
3209.72	-40.80	3247.69	-41.12	3267.72	-41.53	3290.56	-41.89	3324.92	-41.95
3346.24	-42.62	3371.68	-42.53	3393.11	-42.87	3414.35	-43.12	3451.36	-43.54
3472.46	-43.78	3509.16	-44.01	3531.95	-44.31	3568.78	-44.50	3589.42	-44.65

3609.56	-44.90	3631.27	-45.13	3652.57	-45.14	3672.62	-45.45	3701.42	-45.73
3723.45	-45.70	3744.30	-45.80	3764.78	-46.21	3784.95	-46.21	3808.94	-46.55
3829.15	-46.61	3853.85	-46.74	3874.40	-46.95	3894.56	-47.27	3914.77	-47.14
3944.09	-47.42	3966.18	-47.49	3986.76	-47.84	4006.84	-47.78	4027.99	-47.85
4048.52	-48.08	4077.06	-48.15	4097.19	-48.20	4136.58	-48.61	4157.62	-48.35
4182.80	-48.93	4219.20	-48.72	4254.18	-49.25	4286.03	-49.21	4306.51	-49.72
4332.99	-49.45	4353.31	-49.59	4373.78	-49.73	4394.60	-49.86	4431.22	-50.03
4452.81	-49.81	4475.02	-49.90	4495.41	-50.20	4530.74	-50.44	4551.77	-50.29
4574.37	-50.96								

R-078	1978	1783929.04	651706.68	60.00	14.62
	17OCT23	20OCT23	190 00 22 168		

003.84	15.01	003.89	6.30	015.41	5.79	025.00	5.10	045.00	4.20
067.00	3.30	085.00	2.60	110.00	1.80	135.00	1.20	158.00	0.70
179.00	0.20	200.00	-0.20	225.00	-0.50	250.00	-0.70	270.00	-1.00
295.00	-1.30	320.00	-1.60	345.00	-2.00	372.00	-2.40	395.00	-2.90
415.00	-3.60	439.00	-4.30	469.76	-6.57	489.90	-7.12	510.63	-7.53
530.90	-7.84	568.90	-9.31	589.14	-11.78	609.89	-11.20	631.04	-10.81
652.38	-9.62	672.95	-8.96	693.16	-8.34	714.42	-6.52	747.14	-6.13
768.10	-6.52	792.31	-7.13	816.19	-7.38	837.23	-8.22	857.24	-8.97
878.20	-9.61	912.22	-10.76	932.36	-11.47	952.55	-12.24	972.94	-12.67
993.34	-13.34	1023.66	-14.00	1045.81	-14.25	1067.12	-14.66	1088.36	-14.75
1108.50	-15.10	1133.43	-15.48	1156.60	-15.69	1183.49	-15.81	1209.30	-15.76
1242.28	-15.86	1271.30	-15.93	1292.50	-16.21	1312.80	-16.52	1340.75	-16.68
1364.23	-16.86	1384.53	-17.03	1409.94	-17.04	1431.30	-17.24	1452.76	-17.50
1472.94	-17.86	1495.10	-18.13	1523.28	-18.05	1544.12	-18.02	1568.02	-17.93
1588.20	-17.91	1608.48	-18.25	1628.58	-18.52	1648.64	-19.08	1668.81	-19.67
1691.81	-19.95	1711.95	-19.83	1733.93	-19.87	1759.61	-19.84	1783.08	-19.96
1803.88	-20.22	1834.56	-20.73	1854.77	-21.04	1876.28	-21.31	1897.15	-21.43
1919.83	-21.79	1939.96	-22.00	1960.56	-22.29	1984.26	-22.47	2010.00	-22.82
2030.62	-23.07	2052.56	-23.35	2091.76	-24.06	2121.91	-24.20	2144.53	-24.53
2168.22	-24.81	2200.28	-25.20	2221.09	-25.68	2241.58	-25.81	2261.72	-25.97
2287.99	-26.49	2315.15	-26.75	2336.56	-27.02	2358.07	-27.41	2378.27	-27.72
2398.50	-28.11	2434.30	-28.57	2454.98	-28.78	2475.30	-29.18	2496.01	-29.49
2522.44	-29.89	2542.81	-30.47	2564.57	-30.94	2595.78	-31.23	2629.90	-31.52
2663.10	-32.44	2683.62	-32.61	2705.01	-32.80	2726.14	-33.25	2748.88	-33.66
2769.57	-34.04	2791.10	-34.32	2812.58	-34.79	2834.12	-35.12	2855.70	-35.28
2893.59	-36.03	2914.95	-36.45	2935.41	-36.76	2955.50	-36.95	2976.04	-37.30

3014.47	-38.19	3041.96	-38.43	3063.98	-38.63	3106.60	-39.19	3126.96	-39.58
3147.37	-39.76	3167.39	-40.34	3188.43	-40.33	3227.77	-40.76	3248.60	-41.14
3270.49	-41.44	3291.44	-41.69	3333.45	-41.96	3354.20	-42.52	3376.90	-42.81
3400.11	-42.86	3427.99	-43.25	3449.04	-43.50	3469.32	-43.88	3491.48	-43.70
3512.42	-43.79	3532.80	-44.21	3553.35	-44.32	3577.93	-44.63	3604.85	-44.82
3625.75	-45.19	3648.90	-45.30	3669.66	-45.51	3690.55	-45.61	3711.62	-45.75
3734.70	-45.83	3755.80	-46.05	3781.09	-46.45	3808.12	-46.46	3828.43	-46.86
3850.00	-46.89	3870.70	-47.05	3897.04	-47.11	3917.63	-47.22	3938.92	-47.61
3960.26	-47.73	3987.23	-47.61	4021.27	-47.97	4042.38	-48.35	4066.09	-48.41
4086.42	-48.35	4110.92	-48.42	4133.39	-48.61	4153.49	-48.79	4174.61	-48.83
4203.58	-48.79	4224.09	-49.13	4244.12	-49.34	4270.97	-49.33	4294.93	-49.44
4329.87	-49.58	4350.82	-49.81	4371.19	-49.98	4404.82	-49.90	4425.00	-50.01

R-079	1972	1782987.83	652080.87	60.00	14.75
	17OCT23	20OCT23	165 00	22 143	

010.82	17.06	011.58	17.08	012.87	7.28	030.00	6.10	048.00	5.30
068.00	4.30	089.00	3.60	109.00	3.00	128.00	2.40	148.00	1.90
167.00	1.50	187.00	1.10	210.00	0.60	231.00	0.30	252.00	-0.10
274.00	-0.30	295.00	-0.50	315.00	-0.40	333.00	-0.80	348.00	-1.10
375.00	-1.50	399.00	-2.30	427.36	-3.47	447.99	-4.58	475.20	-6.46
495.45	-7.54	515.72	-8.06	537.81	-8.77	559.50	-9.30	580.91	-9.41
600.92	-7.44	621.00	-5.21	641.96	-4.46	678.58	-4.53	713.12	-5.31
733.58	-5.54	754.17	-6.27	774.43	-7.05	805.60	-7.90	835.61	-8.75
858.15	-9.41	885.64	-9.63	906.76	-10.45	927.04	-11.07	957.36	-11.52
978.12	-12.13	1003.69	-12.69	1024.75	-13.13	1053.06	-13.64	1073.83	-13.79
1094.97	-14.09	1115.35	-14.61	1135.61	-14.76	1156.41	-15.06	1192.48	-15.43
1212.58	-15.64	1233.48	-15.77	1254.30	-15.84	1290.60	-16.35	1313.04	-16.61
1339.73	-16.39	1359.83	-16.57	1380.26	-16.91	1414.30	-17.12	1441.77	-17.13
1462.42	-17.33	1482.60	-17.58	1519.01	-17.73	1548.46	-17.91	1569.28	-18.12
1589.58	-18.39	1614.99	-18.39	1635.31	-18.69	1660.70	-18.83	1682.80	-18.98
1706.72	-19.23	1729.62	-19.53	1767.11	-19.75	1787.46	-20.15	1807.56	-20.32
1829.15	-20.44	1849.34	-20.75	1870.62	-21.08	1900.22	-21.30	1923.92	-21.43
1948.95	-21.84	1973.81	-22.21	1999.74	-22.29	2019.94	-22.59	2041.73	-22.94
2062.62	-23.14	2101.65	-23.50	2121.98	-23.89	2142.16	-24.24	2165.19	-24.51
2188.88	-24.84	2223.61	-25.33	2244.48	-25.50	2265.26	-25.88	2286.28	-26.17
2307.68	-26.50	2344.53	-27.07	2367.50	-27.44	2389.20	-27.68	2409.54	-28.02
2430.40	-28.26	2453.32	-28.55	2473.76	-29.00	2494.64	-29.28	2516.22	-29.53
2539.66	-29.76	2573.63	-30.59	2598.99	-30.77	2619.52	-31.12	2640.00	-31.50

2667.32	-31.96	2689.55	-32.34	2709.77	-32.77	2733.52	-32.98	2753.92	-33.37
2774.51	-33.78	2806.94	-34.32	2827.77	-34.66	2848.34	-34.78	2868.64	-35.24
2890.61	-35.53	2917.60	-36.02	2939.92	-36.30	2964.46	-36.71	2987.54	-36.98
3010.98	-37.48	3033.02	-37.83	3060.64	-37.98	3081.98	-38.34	3103.76	-38.53
3127.18	-39.10	3147.23	-39.37	3168.74	-39.63	3190.85	-39.99	3216.65	-40.20
3236.67	-40.68	3274.58	-40.81	3295.41	-41.21	3315.84	-41.51	3345.96	-41.79
3366.23	-42.22	3388.08	-42.37	3409.04	-42.53	3429.34	-42.86	3454.04	-43.06
3474.66	-43.56	3508.34	-43.47	3533.04	-43.93	3553.79	-44.16	3589.70	-44.42
3609.89	-44.53	3630.97	-44.96	3651.18	-45.11	3671.91	-44.94	3692.05	-45.21
3718.17	-45.59	3740.42	-45.91	3764.42	-46.03	3799.82	-46.00	3838.72	-46.42
R-080	1972	1782096.17	652526.83	60.00	7.39				
	17OCT23	20OCT23	167 00	26 141					

-032.10	8.43	-014.38	7.80	003.97	6.13	004.63	7.70	009.67	7.18
009.74	5.48	025.00	4.20	047.00	2.90	068.00	2.30	092.00	1.70
118.00	1.30	139.00	1.00	169.00	0.60	200.00	0.10	228.00	-0.50
242.00	-0.80	261.00	-1.30	282.00	-2.00	296.00	-2.20	319.00	-2.60
337.00	-1.90	348.00	-2.00	367.00	-2.80	392.00	-2.90	423.00	-5.60
445.00	-7.10	454.86	-7.26	477.41	-8.48	497.82	-9.57	527.27	-9.55
548.33	-9.12	568.78	-9.71	589.00	-10.20	609.66	-10.05	630.33	-9.83
652.15	-8.93	673.20	-8.65	693.50	-8.06	714.32	-7.15	736.38	-6.50
771.38	-6.58	791.60	-7.15	812.66	-7.81	834.80	-8.45	856.32	-9.17
887.09	-10.12	907.69	-10.85	927.74	-11.55	947.98	-12.08	968.86	-12.65
989.74	-13.01	1023.74	-13.55	1045.03	-14.09	1065.76	-14.49	1085.89	-14.78
1106.48	-15.27	1127.81	-15.60	1148.12	-16.05	1170.81	-16.11	1194.96	-16.05
1214.96	-15.95	1236.34	-15.87	1274.63	-16.09	1295.19	-16.56	1317.82	-16.78
1340.10	-17.11	1363.75	-17.41	1386.34	-17.58	1406.79	-17.79	1443.25	-17.61
1464.20	-17.47	1484.63	-17.74	1518.88	-18.14	1539.16	-18.66	1560.44	-18.89
1581.23	-19.07	1615.99	-19.19	1637.58	-19.40	1661.61	-19.47	1682.22	-19.66
1717.36	-19.97	1737.58	-20.22	1758.16	-20.39	1779.38	-20.40	1810.19	-20.84
1830.96	-21.07	1852.53	-21.42	1876.14	-21.82	1897.06	-22.16	1918.26	-22.32
1957.84	-22.59	1986.30	-22.71	2006.57	-22.94	2026.71	-23.29	2051.58	-23.65
2071.97	-24.01	2100.08	-24.27	2123.91	-24.53	2144.22	-24.89	2176.97	-25.20
2197.70	-25.48	2219.04	-25.64	2239.47	-25.96	2269.58	-26.61	2289.69	-26.81
2311.18	-27.09	2331.22	-27.26	2353.76	-27.48	2374.16	-27.82	2411.15	-28.29
2432.38	-29.03	2452.52	-29.58	2474.57	-29.78	2502.52	-29.91	2524.94	-30.22
2546.07	-30.69	2567.84	-30.90	2588.41	-31.25	2617.87	-31.92	2639.57	-32.31
2660.60	-32.72	2682.56	-32.94	2702.74	-33.31	2735.87	-33.69	2756.13	-34.10

2776.93	-34.42	2797.08	-34.85	2818.78	-35.02	2849.49	-35.35	2870.36	-35.85
2891.38	-36.25	2911.56	-36.78	2932.32	-37.07	2956.06	-37.30	2976.47	-37.46
2997.10	-37.82	3025.92	-38.07	3047.36	-38.54	3067.74	-38.94	3088.02	-39.46
3108.67	-39.62	3129.92	-40.05	3165.12	-40.14	3196.83	-40.69	3222.22	-41.01
3248.77	-41.43	3273.11	-41.75	3294.54	-41.97	3315.40	-42.20	3341.56	-42.38
3361.60	-42.71	3382.66	-43.01	3403.27	-43.33	3427.14	-43.55	3447.22	-43.70
3483.08	-43.67	3504.03	-44.07	3527.78	-44.49	3565.21	-44.87	3586.08	-44.88
3610.54	-45.09	3630.71	-45.50	3663.61	-45.57	3686.23	-45.66	3706.82	-45.92
3736.60	-46.15	3757.05	-46.19						
R-081	1978	1781213.67	652909.70	60.00	12.70				
	17OCT23	20OCT23	208 00 19 189						
-001.58	12.83	-000.69	12.90	000.40	6.07	010.00	5.30	024.00	4.70
046.00	3.70	067.00	2.60	090.00	1.80	115.00	1.20	138.00	0.90
161.00	0.90	185.00	0.40	210.00	-0.10	234.00	-0.80	260.00	-1.40
286.00	-1.50	311.00	-2.60	342.00	-3.40	372.00	-2.90	404.56	-2.84
444.90	-4.64	465.34	-6.20	486.07	-7.02	506.54	-7.66	526.98	-8.16
547.94	-8.61	586.76	-10.61	607.67	-10.92	629.22	-10.71	657.40	-10.10
677.54	-9.42	698.03	-7.28	718.39	-6.08	756.22	-6.64	776.63	-7.21
809.46	-8.32	831.79	-8.58	852.96	-9.45	875.11	-10.04	908.47	-10.86
929.58	-11.46	951.45	-11.99	971.67	-12.59	991.98	-13.00	1019.18	-13.69
1039.82	-13.97	1059.92	-14.26	1080.72	-14.59	1101.30	-14.96	1124.99	-15.15
1163.11	-15.65	1199.22	-15.68	1219.72	-16.04	1255.82	-16.09	1283.08	-16.32
1305.16	-16.68	1325.55	-16.42	1346.09	-16.77	1383.99	-16.97	1407.18	-17.17
1428.74	-17.45	1449.16	-17.43	1469.30	-17.67	1490.10	-17.82	1514.50	-18.19
1538.24	-18.25	1560.18	-18.30	1587.31	-18.55	1607.52	-18.99	1631.78	-19.20
1660.96	-19.36	1696.82	-19.53	1736.86	-20.11	1756.90	-20.25	1776.99	-20.50
1797.76	-20.70	1820.62	-21.03	1842.65	-21.26	1863.17	-21.62	1902.81	-22.03
1922.99	-22.21	1943.68	-22.41	1965.44	-22.84	1985.68	-22.97	2009.42	-23.14
2030.07	-23.38	2052.28	-23.65	2075.19	-23.99	2095.41	-24.15	2116.15	-24.36
2147.21	-24.84	2173.66	-25.10	2193.82	-25.45	2216.18	-25.64	2241.01	-25.86
2261.56	-26.25	2282.60	-26.53	2303.88	-26.72	2324.55	-27.18	2344.61	-27.35
2370.26	-27.69	2390.36	-28.11	2429.52	-28.61	2449.57	-28.86	2469.80	-29.24
2491.13	-29.58	2524.54	-30.05	2544.80	-30.43	2565.50	-30.61	2585.93	-30.98
2607.65	-31.44	2628.36	-31.80	2648.60	-32.03	2670.62	-32.49	2692.04	-32.92
2712.90	-33.19	2739.56	-33.68	2768.80	-34.20	2792.96	-34.53	2814.19	-35.01
2838.46	-35.13	2861.97	-35.72	2882.42	-36.22	2910.58	-36.39	2930.62	-36.75
2951.04	-37.17	2977.42	-37.45	3003.69	-38.08	3027.78	-38.20	3048.30	-38.49

3069.11	-38.83	3089.44	-39.04	3110.68	-39.68	3131.46	-39.86	3161.81	-40.14
3181.96	-40.45	3206.24	-40.99	3241.05	-41.34	3262.62	-41.65	3288.58	-41.92
3309.10	-42.22	3331.27	-42.56	3351.69	-42.71	3373.01	-42.92	3402.56	-43.20
3423.18	-43.49	3451.53	-43.70	3479.91	-43.99	3500.95	-44.18	3523.27	-44.41
3543.43	-44.60	3563.60	-44.80	3600.79	-45.29	3630.47	-45.34	3650.84	-45.53
3671.59	-46.00	3702.28	-45.99	3725.71	-46.10	3746.94	-46.27	3767.46	-46.58
3790.98	-46.81	3822.40	-46.77	3848.68	-47.24	3869.85	-47.34	3903.34	-47.54
3930.40	-47.79	3959.02	-48.03	3979.35	-48.19	4000.08	-48.02	4023.37	-48.38
4044.52	-48.52	4079.12	-48.41	4101.09	-48.76	4126.52	-48.75	4160.98	-48.98
4183.64	-49.03	4214.39	-49.30	4234.44	-49.44	4254.76	-49.51	4283.48	-49.66
4312.17	-49.87	4341.30	-49.84	4366.46	-50.07	4386.49	-49.87	4407.15	-50.02
4427.33	-49.97	4447.34	-50.21	4475.12	-50.42	4495.26	-50.19	4517.29	-50.40
4548.14	-50.69	4579.01	-50.62	4615.17	-51.10	4636.68	-51.24	4658.58	-50.95
4685.02	-51.27	4705.58	-51.20	4730.62	-51.22	4752.00	-51.50	4782.84	-51.42
4806.39	-51.55	4827.45	-51.65	4851.42	-51.55	4876.48	-51.81	4906.92	-51.89
4934.78	-51.85	4971.32	-52.00	4993.42	-52.24				
R-082	1978	1780363.77	653319.86	60.00	11.08				
	17OCT23	20OCT23	161 00	22 139					

-002.80	11.40	008.31	11.23	008.42	6.06	020.00	4.40	039.00	2.70
062.00	1.80	087.00	1.30	111.00	0.70	136.00	0.30	164.00	0.00
188.00	-0.50	211.00	-0.60	240.00	-0.90	253.00	-1.20	280.00	-1.30
291.00	-1.60	313.00	-2.00	332.00	-2.10	346.00	-2.30	364.00	-2.30
383.00	-2.40	401.00	-2.90	431.46	-3.67	451.92	-5.10	472.18	-5.99
492.64	-6.61	515.86	-6.98	549.52	-8.06	571.44	-9.51	592.05	-8.94
613.38	-8.43	633.66	-7.55	654.10	-6.12	676.76	-5.09	714.74	-5.62
734.91	-6.53	755.05	-7.71	793.76	-8.18	815.96	-8.85	836.05	-9.50
857.46	-10.29	879.03	-10.77	914.96	-11.64	935.03	-12.24	956.16	-12.81
979.88	-13.15	1004.34	-13.79	1024.61	-14.11	1045.35	-14.41	1072.95	-14.23
1093.62	-14.58	1123.87	-14.98	1144.10	-15.33	1165.16	-15.65	1187.04	-15.84
1207.33	-15.96	1228.32	-16.02	1250.07	-15.98	1270.82	-16.12	1290.86	-16.30
1311.24	-16.51	1333.36	-16.63	1354.06	-16.97	1383.71	-17.00	1416.33	-17.10
1436.54	-17.21	1458.03	-17.71	1490.40	-17.86	1510.82	-18.14	1532.75	-18.13
1554.72	-18.48	1575.34	-18.66	1603.23	-19.10	1624.50	-19.02	1644.95	-19.13
1665.68	-19.22	1686.50	-19.30	1711.12	-19.53	1732.16	-19.91	1752.29	-20.52
1773.36	-20.89	1796.08	-21.12	1820.27	-21.32	1856.10	-21.40	1876.98	-21.57
1903.41	-21.82	1940.50	-22.71	1963.51	-23.06	1988.67	-23.35	2014.27	-23.63
2037.86	-23.83	2058.77	-24.03	2089.42	-24.28	2109.84	-24.50	2131.61	-24.69

2166.84	-25.39	2186.89	-25.67	2207.84	-26.03	2228.93	-26.39	2250.94	-26.57
2272.45	-26.68	2303.07	-26.82	2325.29	-27.08	2345.42	-27.33	2366.35	-27.60
2392.61	-28.28	2413.38	-28.68	2434.83	-28.96	2455.00	-29.41	2478.96	-29.64
2502.94	-30.03	2526.09	-30.26	2551.88	-30.62	2573.83	-31.03	2595.36	-31.36
2623.44	-32.09	2644.18	-32.56	2665.19	-32.87	2686.49	-33.20	2712.55	-33.38
2737.59	-33.81	2757.97	-34.43	2781.68	-34.68	2804.54	-35.07	2824.72	-35.39
2844.76	-35.80	2876.16	-36.28	2897.54	-36.78	2919.26	-37.11	2942.54	-37.03
2978.27	-37.89	2998.76	-38.56	3018.84	-38.70	3049.14	-38.91	3069.62	-39.38
3105.02	-39.75	3125.16	-39.85	3145.53	-40.12	3167.34	-40.42	3188.65	-40.95
3228.68	-41.60	3265.69	-41.69	3286.86	-42.00	3310.48	-42.33	3332.56	-42.72
3354.60	-43.13	3377.48	-43.33	3406.20	-43.54	3437.81	-43.45	3463.22	-43.90
3484.26	-44.57	3508.20	-44.61	3530.54	-44.82	3550.94	-45.14	3573.51	-45.34
3600.02	-45.43	3625.33	-45.45	3648.31	-45.83	3671.48	-46.04	3697.80	-46.33
3718.17	-46.55								

R-083	1972	1779510.34	653693.98	60.00	11.12
	17OCT23	20OCT23	155 00 26 129		

-002.93	11.34	009.71	11.21	010.21	6.17	020.00	6.20	038.00	4.10
058.00	4.30	079.00	3.30	098.00	2.50	122.00	1.70	147.00	1.20
170.00	0.90	194.00	0.50	211.00	0.10	235.00	-0.30	260.00	-0.60
286.00	-1.20	312.00	-1.50	338.00	-2.00	362.00	-2.50	392.00	-3.30
414.00	-3.40	430.00	-3.60	445.00	-4.00	470.00	-5.40	500.00	-7.50
531.00	-8.50	561.58	-7.77	581.91	-7.78	602.24	-8.20	622.88	-7.34
643.19	-6.23	663.50	-5.24	696.03	-5.30	716.33	-5.89	736.44	-6.57
758.34	-6.97	779.60	-7.71	801.40	-8.13	822.04	-8.80	844.77	-9.60
873.89	-10.07	893.96	-10.84	930.79	-11.58	951.29	-12.25	971.56	-12.73
1001.23	-13.27	1021.37	-13.74	1052.56	-14.20	1072.78	-14.49	1093.66	-14.70
1113.73	-14.98	1134.39	-15.24	1172.36	-15.49	1194.09	-15.76	1216.40	-15.99
1245.15	-15.97	1267.92	-16.25	1288.89	-16.37	1309.48	-16.51	1330.17	-16.76
1350.44	-16.65	1371.17	-16.86	1392.26	-17.30	1414.12	-17.19	1441.68	-17.35
1462.63	-17.70	1493.75	-17.63	1514.29	-18.08	1552.20	-18.17	1572.66	-18.45
1610.12	-18.69	1631.02	-18.92	1653.83	-18.87	1676.09	-19.21	1696.62	-19.55
1733.32	-19.80	1753.50	-20.02	1775.84	-20.23	1796.28	-20.56	1816.60	-20.72
1839.54	-20.85	1861.66	-21.07	1882.18	-21.38	1902.34	-21.77	1924.70	-21.84
1961.28	-22.30	1984.06	-22.56	2004.46	-22.73	2027.34	-22.96	2048.54	-23.14
2078.93	-23.54	2100.08	-23.71	2121.40	-24.01	2141.62	-24.26	2162.62	-24.42
2184.10	-24.78	2205.12	-25.04	2228.73	-25.32	2250.10	-25.54	2275.60	-25.98
2301.02	-26.26	2321.99	-26.51	2342.59	-26.76	2366.08	-27.01	2389.49	-27.53

2409.60	-27.74	2449.49	-28.36	2469.78	-28.68	2489.98	-28.90	2510.16	-29.35
2538.12	-30.04	2569.21	-30.45	2594.74	-30.86	2615.13	-31.38	2637.31	-31.66
2661.20	-32.06	2683.26	-32.76	2709.87	-33.11	2739.20	-33.44	2759.66	-34.09
2794.50	-34.55	2815.67	-35.07	2835.96	-35.40	2857.92	-35.81	2878.00	-36.16
2898.67	-36.58	2927.98	-36.96	2951.88	-37.28	2973.12	-37.59	2999.63	-38.16
3020.50	-38.68	3043.65	-38.72	3064.36	-39.24	3086.16	-39.60	3114.86	-39.89
3137.41	-40.27	3159.00	-40.52	3182.39	-40.73	3202.42	-41.24	3223.37	-41.58
3245.72	-41.55	3267.77	-41.92	3290.23	-42.19	3311.46	-42.50	3356.96	-42.98
3378.56	-43.37	3405.81	-43.63	3429.98	-43.81	3457.98	-43.98	3478.80	-44.28
3500.22	-44.48	3522.50	-44.71	3545.56	-44.89	3565.90	-45.13	3603.36	-45.38
R-084	1987	1778556.81	654113.13	60.00	14.70				
	17OCT23	20OCT23	160 00	25 135					

-000.77	12.20	001.22	12.23	001.45	7.11	015.00	6.70	034.00	6.50
054.00	6.30	075.00	5.20	100.00	4.80	107.00	4.40	131.00	2.90
154.00	2.00	178.00	1.50	201.00	1.10	226.00	0.80	251.00	0.50
276.00	-0.10	301.00	-0.40	326.00	-0.70	360.00	-1.40	380.00	-2.20
400.00	-2.40	422.00	-2.80	449.00	-3.50	475.00	-4.20	500.00	-5.50
526.40	-5.83	548.76	-6.59	568.94	-7.21	589.31	-7.90	609.35	-8.85
630.66	-9.94	675.40	-11.03	695.66	-11.16	716.06	-10.92	736.44	-10.43
757.06	-9.59	777.38	-8.07	809.66	-7.02	832.63	-7.22	852.66	-7.74
872.77	-8.33	902.10	-9.23	922.33	-9.89	942.39	-10.42	962.78	-10.82
982.86	-11.37	1019.38	-11.99	1039.44	-12.54	1059.54	-13.06	1079.94	-13.52
1102.10	-13.99	1127.94	-14.34	1148.18	-14.71	1169.66	-15.01	1190.36	-15.23
1210.74	-15.51	1235.67	-15.64	1266.14	-15.93	1287.36	-16.11	1310.38	-16.14
1332.82	-16.33	1358.82	-16.68	1378.90	-17.11	1406.26	-17.25	1427.64	-17.32
1449.72	-17.92	1474.07	-17.50	1494.30	-17.69	1518.02	-17.75	1538.21	-17.84
1560.30	-17.94	1589.44	-18.40	1610.52	-18.61	1631.43	-18.90	1659.88	-19.15
1680.12	-19.32	1707.62	-19.58	1728.86	-19.74	1750.03	-19.90	1773.03	-20.10
1793.47	-20.34	1814.39	-20.52	1841.80	-20.79	1867.53	-20.97	1889.69	-21.13
1910.00	-21.40	1941.24	-21.90	1962.68	-22.09	1982.98	-22.43	2004.50	-22.77
2025.52	-23.13	2049.33	-23.44	2076.01	-23.69	2097.41	-23.82	2119.58	-24.06
2140.57	-24.17	2168.69	-24.63	2191.12	-24.86	2213.76	-25.26	2234.12	-25.64
2255.29	-25.96	2284.88	-26.52	2306.05	-26.74	2328.40	-26.91	2350.10	-27.26
2371.72	-27.55	2403.18	-28.15	2423.40	-28.53	2444.65	-28.76	2465.63	-28.92
2486.81	-29.24	2521.24	-30.02	2542.75	-30.59	2563.91	-30.86	2584.16	-30.96
2604.82	-31.21	2641.44	-31.92	2664.67	-32.46	2688.18	-32.99	2712.03	-33.28
2744.76	-33.48	2766.16	-33.93	2786.98	-34.46	2812.23	-34.76	2835.82	-35.22

2865.48	-35.84	2885.96	-36.15	2906.90	-36.58	2929.05	-36.85	2949.50	-37.13
2980.24	-37.63	3001.08	-37.81	3023.13	-38.26	3043.54	-38.59	3064.00	-39.20
3096.50	-39.52	3116.66	-39.76	3138.24	-40.12	3158.24	-40.34	3179.71	-40.77
3201.58	-41.18	3230.88	-41.49	3251.55	-41.87	3272.55	-42.12	3293.84	-42.28
3315.14	-42.42	3339.59	-42.77	3359.76	-43.20	3381.02	-43.61	3405.84	-43.82
3436.62	-43.92	3458.55	-44.12	3480.13	-44.53	3502.82	-44.82	3527.20	-44.85
3547.84	-45.08	3569.19	-45.34	3601.06	-45.65	3625.39	-45.79	3649.06	-45.72
R-085	1972	1777755.82	654432.05	60.00	12.20				
	18OCT23	20OCT23	156 00	22 134					

006.98	14.03	007.74	7.78	021.80	6.90	042.00	5.50	067.00	4.00
091.00	2.80	115.00	1.70	140.00	1.10	165.00	0.70	190.00	-0.20
215.00	-1.30	235.00	-2.30	257.00	-2.90	277.00	-3.10	300.00	-2.30
321.00	-1.70	341.00	-2.00	364.00	-2.00	387.00	-2.30	414.00	-2.70
434.00	-3.00	456.00	-4.20	479.18	-6.05	499.24	-7.00	519.50	-7.68
540.28	-8.32	560.42	-8.65	585.46	-8.45	605.90	-7.88	626.45	-6.47
647.43	-4.88	688.02	-5.00	708.27	-5.63	728.46	-6.12	750.73	-6.74
774.66	-7.51	800.69	-8.40	823.53	-9.05	847.26	-9.46	874.16	-10.09
894.30	-10.70	915.25	-11.15	936.00	-11.48	957.12	-12.13	977.28	-12.66
1013.32	-13.21	1034.76	-13.60	1056.97	-14.07	1078.43	-14.38	1112.10	-14.79
1135.81	-14.97	1156.72	-15.31	1177.23	-15.48	1213.94	-15.69	1234.85	-15.95
1257.48	-16.02	1282.78	-16.15	1303.83	-16.23	1326.22	-16.48	1347.13	-16.56
1374.30	-16.74	1394.39	-16.94	1428.32	-17.06	1450.54	-17.32	1481.72	-17.30
1503.06	-17.60	1529.60	-17.81	1554.63	-17.92	1586.70	-18.12	1609.14	-18.51
1630.64	-18.65	1656.24	-18.82	1678.38	-19.01	1703.58	-19.06	1724.31	-19.43
1746.01	-19.69	1769.72	-19.82	1792.22	-20.28	1816.25	-20.45	1838.96	-20.81
1866.91	-20.99	1888.32	-21.28	1911.93	-21.52	1932.85	-21.78	1958.68	-21.99
1982.17	-22.17	2003.11	-22.47	2023.28	-22.71	2044.96	-22.88	2066.53	-23.16
2096.28	-23.43	2117.71	-23.60	2147.68	-24.00	2170.76	-24.14	2190.88	-24.46
2213.10	-24.70	2234.50	-25.00	2263.29	-25.43	2284.34	-25.63	2305.35	-25.90
2325.54	-26.24	2346.64	-26.67	2368.56	-26.93	2390.58	-27.20	2421.54	-27.62
2443.07	-28.15	2464.51	-28.36	2488.68	-28.73	2509.12	-29.27	2529.23	-29.65
2555.68	-29.89	2577.05	-30.52	2598.11	-30.84	2630.65	-31.42	2650.97	-31.74
2674.28	-32.10	2695.42	-32.39	2724.94	-33.14	2746.82	-33.60	2769.91	-33.82
2791.26	-34.33	2811.32	-34.79	2839.56	-35.19	2860.96	-35.40	2882.26	-35.87
2902.96	-36.32	2924.44	-36.73	2948.93	-36.94	2976.62	-37.44	2999.62	-37.85
3022.35	-38.29	3042.99	-38.53	3070.54	-38.83	3090.66	-39.20	3113.00	-39.67
3134.36	-39.96	3158.64	-40.28	3196.93	-40.76	3219.13	-41.01	3239.25	-41.40

3260.76	-41.68	3282.25	-41.92	3302.41	-42.18	3322.85	-42.45	3349.10	-42.75
3369.36	-43.01	3391.10	-43.26	3411.31	-43.35	3439.91	-43.66	3460.09	-43.94
3483.13	-43.94	3503.20	-44.29	3523.31	-44.50	3551.16	-44.78	3575.06	-44.83
3598.07	-44.86								
R-086	1972	1776980.77	654750.00	60.00	14.91				
	18OCT23	20OCT23	158 00 23 135						

010.09	15.40	010.47	5.80	014.47	5.77	025.00	5.80	047.00	4.80
071.00	3.30	095.00	2.10	120.00	1.30	150.00	0.80	175.00	0.40
200.00	0.00	223.00	-0.40	243.00	-0.80	265.00	-1.10	281.00	-1.30
306.00	-2.30	325.00	-2.40	345.00	-3.30	367.00	-3.10	383.00	-3.10
404.00	-3.40	425.00	-4.10	440.00	-4.40	460.94	-6.75	481.14	-7.81
512.30	-8.12	532.54	-8.64	553.32	-8.91	585.87	-8.61	616.36	-8.91
648.20	-8.87	668.35	-7.71	688.56	-6.45	712.84	-6.27	732.97	-6.41
753.32	-6.68	773.94	-6.93	794.12	-7.48	826.13	-8.34	846.54	-8.84
881.28	-9.92	902.90	-10.35	923.53	-10.87	943.77	-11.45	966.04	-11.86
986.46	-12.52	1006.56	-13.01	1027.40	-13.51	1047.83	-13.80	1092.35	-14.18
1112.80	-14.69	1133.30	-15.19	1155.58	-15.38	1177.89	-15.52	1200.70	-15.50
1223.77	-15.35	1247.62	-15.21	1268.28	-15.18	1289.11	-15.53	1313.98	-15.87
1337.00	-16.02	1357.10	-16.18	1377.22	-16.34	1400.66	-16.47	1422.05	-16.59
1451.00	-16.76	1472.52	-16.99	1498.90	-16.83	1522.59	-16.95	1543.50	-17.07
1566.73	-17.11	1591.55	-17.33	1612.39	-17.66	1632.66	-18.15	1653.11	-18.60
1691.16	-18.80	1715.01	-18.95	1748.30	-19.15	1770.44	-19.30	1797.29	-19.56
1819.42	-19.94	1843.26	-20.29	1863.38	-20.58	1887.13	-20.81	1907.99	-21.08
1931.08	-21.32	1962.60	-21.70	1985.74	-22.00	2021.66	-22.81	2045.70	-23.09
2075.42	-23.38	2096.24	-23.59	2129.48	-24.18	2149.74	-24.48	2170.74	-24.88
2191.78	-25.10	2215.46	-25.46	2240.81	-25.79	2261.58	-26.16	2281.68	-26.64
2307.01	-27.04	2328.40	-27.21	2366.16	-27.69	2387.80	-27.77	2407.85	-28.12
2429.44	-28.49	2450.05	-28.78	2470.55	-29.15	2507.60	-29.46	2528.28	-29.74
2549.40	-30.27	2593.42	-30.90	2614.04	-31.34	2634.50	-31.61	2655.14	-31.72
2676.54	-31.88	2707.46	-32.38	2727.47	-32.89	2747.96	-33.42	2768.52	-34.00
2791.12	-34.31	2811.32	-34.51	2833.12	-35.02	2860.41	-35.42	2883.07	-35.93
2904.27	-35.99	2926.00	-36.32	2956.32	-36.93	2977.24	-37.44	2998.52	-37.84
3019.44	-38.20	3039.99	-38.44	3069.55	-38.68	3093.90	-39.22	3115.29	-39.44
3138.13	-39.82	3161.38	-40.39	3185.74	-40.62	3205.83	-40.79	3226.52	-41.05
3246.64	-41.34	3268.68	-41.75	3296.88	-42.11	3317.60	-42.34	3341.90	-42.68
3367.36	-42.96	3388.42	-43.27	3408.88	-43.40	3432.30	-43.61	3452.32	-43.94
3473.13	-44.19	3497.80	-44.49	3522.66	-44.73	3559.40	-44.79	3579.73	-45.22

3609.60 -45.47 3631.43 -45.52 3651.53 -45.73
R-087 1987 1776072.83 654986.99 60.00 12.69
18OCT23 20OCT23 153 00 22 131

114.90	15.11	115.44	6.13	122.35	5.77	130.00	5.40	146.00	4.60
170.00	3.40	194.00	2.40	219.00	1.50	249.00	0.90	269.00	0.70
293.00	0.40	316.00	0.20	335.00	-0.20	356.00	-0.30	376.00	-0.70
399.00	-1.10	416.00	-1.40	444.00	-1.50	468.00	-1.90	492.00	-2.60
514.00	-3.20	540.00	-4.10	579.52	-6.77	600.36	-7.77	623.08	-8.71
643.10	-8.40	663.55	-8.66	685.07	-8.98	709.36	-9.11	735.67	-8.70
766.84	-8.52	787.38	-6.68	807.47	-5.44	830.15	-5.09	859.92	-5.61
882.70	-6.10	903.18	-7.00	933.47	-7.77	953.99	-8.37	974.08	-9.23
994.14	-9.76	1015.62	-10.36	1047.43	-11.01	1069.37	-11.52	1090.24	-12.15
1110.89	-12.73	1132.74	-13.07	1168.62	-13.68	1189.71	-14.17	1210.72	-14.62
1235.85	-14.73	1255.99	-14.97	1293.99	-15.35	1314.30	-15.53	1335.61	-15.74
1357.62	-15.89	1381.76	-15.98	1401.82	-16.23	1429.64	-16.37	1450.27	-16.67
1476.46	-16.67	1496.66	-16.78	1531.74	-17.09	1552.53	-17.21	1574.42	-17.36
1598.50	-17.53	1621.51	-17.79	1642.94	-17.79	1663.61	-17.97	1695.88	-18.08
1716.39	-18.41	1749.13	-18.56	1774.02	-18.84	1795.99	-19.01	1817.90	-19.11
1839.38	-19.38	1862.32	-19.66	1892.61	-19.66	1912.93	-19.99	1935.35	-20.12
1955.92	-20.34	1979.77	-20.54	1999.91	-20.83	2021.17	-21.08	2041.72	-21.14
2063.70	-21.39	2083.88	-21.76	2104.68	-21.96	2125.28	-22.24	2145.55	-22.54
2166.91	-22.50	2187.44	-22.97	2225.85	-23.36	2246.04	-23.71	2266.85	-23.96
2288.49	-24.27	2313.00	-24.64	2333.08	-24.86	2354.48	-25.29	2375.90	-25.56
2400.25	-25.77	2420.25	-26.13	2441.62	-26.56	2467.94	-26.91	2490.20	-27.26
2512.34	-27.66	2532.71	-27.84	2567.30	-28.39	2588.06	-28.59	2608.50	-28.98
2628.72	-29.35	2649.74	-29.64	2674.37	-30.05	2696.17	-30.54	2721.30	-30.81
2741.54	-31.16	2761.65	-31.66	2797.20	-32.14	2817.36	-32.45	2837.49	-32.95
2859.54	-33.47	2882.47	-33.69	2916.80	-34.40	2940.30	-34.65	2960.38	-35.09
2981.15	-35.48	3011.63	-35.75	3033.78	-36.32	3054.99	-36.84	3077.15	-36.99
3097.34	-37.38	3131.70	-37.87	3153.35	-38.35	3173.40	-38.63	3205.89	-39.09
3228.14	-39.46	3248.94	-39.64	3274.42	-40.03	3295.49	-40.39	3320.96	-40.66
3360.19	-41.26	3380.82	-41.51	3400.95	-41.78	3421.90	-42.18	3454.80	-42.43
3476.14	-42.74	3507.84	-43.01	3529.83	-43.42	3551.49	-43.43	3573.89	-43.79
3603.65	-44.15	3627.14	-44.39	3648.69	-44.71				

R-088 1978 1775161.65 655483.96 60.00 14.41
18OCT23 20OCT23 156 00 22 134

003.47	14.90	004.24	5.96	013.85	5.26	020.00	4.60	038.00	3.20
060.00	2.10	081.00	1.40	104.00	0.80	127.00	0.50	152.00	0.20
177.00	-0.30	200.00	-0.70	220.00	-0.80	255.00	-1.90	280.00	-2.20
305.00	-2.70	320.00	-1.50	345.00	-1.30	365.00	-1.70	390.00	-2.60
410.00	-3.40	435.00	-4.60	486.30	-6.47	506.50	-7.87	528.75	-8.36
549.24	-8.97	573.47	-9.81	604.38	-11.56	624.82	-10.94	645.24	-10.18
665.29	-9.23	685.73	-7.61	706.31	-6.25	728.73	-5.95	749.09	-6.13
769.14	-6.61	789.47	-7.16	821.90	-8.12	842.39	-8.68	862.42	-9.26
882.71	-9.82	905.75	-10.15	936.89	-10.92	956.98	-11.59	977.16	-12.39
998.92	-12.86	1018.99	-13.57	1039.76	-14.12	1061.90	-14.48	1082.14	-14.66
1102.60	-14.93	1125.28	-15.18	1145.45	-15.46	1166.87	-15.75	1201.10	-15.74
1223.77	-15.90	1247.16	-16.04	1270.12	-16.40	1300.56	-16.79	1322.66	-17.02
1344.84	-17.11	1383.02	-17.05	1405.86	-17.19	1431.15	-17.12	1452.61	-17.59
1476.42	-17.68	1499.55	-17.72	1520.16	-18.08	1544.14	-18.04	1565.69	-18.24
1586.98	-18.64	1616.76	-18.87	1648.48	-19.34	1668.90	-19.42	1689.42	-19.25
1714.41	-19.28	1752.35	-19.67	1772.57	-20.14	1792.88	-20.48	1813.91	-20.76
1835.05	-20.78	1861.13	-20.95	1886.50	-21.06	1911.69	-21.17	1941.56	-21.62
1961.79	-22.43	1993.23	-22.87	2015.64	-23.17	2040.07	-23.33	2065.70	-23.36
2104.49	-23.49	2137.94	-23.94	2160.12	-24.41	2181.03	-24.96	2218.28	-25.43
2238.40	-25.63	2258.93	-25.94	2278.94	-26.12	2321.22	-26.55	2341.60	-26.84
2362.14	-27.20	2383.57	-27.72	2404.06	-28.32	2439.43	-28.81	2461.08	-29.13
2482.25	-29.43	2502.55	-29.53	2522.92	-29.70	2546.34	-30.08	2566.45	-30.71
2593.69	-31.05	2614.12	-31.54	2634.42	-31.95	2655.50	-32.21	2689.42	-32.66
2711.79	-32.95	2732.93	-33.57	2777.94	-34.05	2798.18	-34.63	2819.00	-35.10
2842.19	-35.16	2862.33	-35.60	2885.56	-35.83	2909.02	-36.39	2930.19	-36.81
2953.70	-36.97	2981.58	-37.45	3002.07	-38.00	3025.87	-38.22	3048.52	-38.68
3080.68	-39.05	3100.97	-39.49	3121.89	-40.04	3144.39	-39.87	3168.22	-39.87
3188.65	-40.50	3209.93	-40.98	3230.28	-41.33	3250.33	-41.48	3273.86	-41.43
3295.06	-41.79	3317.08	-42.44	3338.22	-42.73	3358.96	-43.03	3386.32	-42.77
3408.22	-42.96	3428.96	-43.20	3449.03	-43.62	3469.86	-44.28	3493.64	-44.17
3519.90	-44.53	3546.10	-44.82	3569.30	-45.15	3593.65	-44.99	3613.96	-45.23
3635.37	-45.59								

R-089 1978 1774259.82 655841.63 60.00 11.46
18OCT23 20OCT23 155 00 22 133

012.16	11.46	013.23	11.45	013.32	5.94	030.00	4.90	050.00	3.90
069.00	2.80	090.00	1.90	113.00	1.70	138.00	0.90	160.00	0.70
183.00	0.50	207.00	0.10	232.00	-1.00	254.00	-2.00	273.00	-1.90

302.00	-2.60	330.00	-2.70	358.00	-2.80	374.00	-2.00	404.00	-2.10
425.00	-2.70	445.00	-3.60	450.15	-3.69	471.21	-4.80	491.75	-5.99
522.73	-7.67	543.50	-8.35	564.24	-8.55	585.06	-9.08	606.26	-9.86
627.57	-9.52	651.66	-9.19	672.12	-8.95	692.56	-8.50	712.64	-7.29
733.80	-6.36	754.70	-5.63	777.62	-5.69	799.02	-6.28	819.28	-6.83
839.52	-7.40	872.77	-8.49	893.44	-9.18	913.67	-9.95	934.18	-10.45
954.74	-11.09	988.77	-12.06	1008.94	-12.80	1029.10	-13.55	1056.99	-14.13
1077.66	-14.73	1098.79	-14.70	1118.80	-15.25	1139.60	-15.59	1175.15	-15.86
1195.34	-15.95	1216.26	-16.19	1239.71	-16.38	1263.43	-16.47	1283.44	-16.62
1303.90	-16.89	1342.86	-17.01	1364.04	-17.25	1397.36	-17.38	1423.22	-17.56
1461.76	-17.58	1483.64	-17.73	1511.17	-17.82	1532.47	-18.39	1562.16	-18.19
1584.07	-18.41	1615.83	-18.74	1637.46	-18.79	1658.43	-19.11	1689.50	-19.30
1719.81	-19.52	1740.00	-19.73	1762.49	-19.90	1793.61	-20.40	1822.62	-20.56
1844.10	-20.99	1875.80	-21.12	1896.16	-21.49	1916.18	-21.81	1937.02	-21.85
1959.80	-22.12	1980.16	-22.40	2017.41	-22.71	2042.99	-23.14	2065.93	-23.44
2088.22	-23.63	2108.94	-23.96	2130.30	-24.32	2151.92	-24.52	2172.84	-24.79
2198.61	-25.00	2218.82	-25.49	2243.33	-25.83	2268.20	-26.33	2298.59	-26.58
2319.74	-27.09	2340.00	-27.48	2366.95	-27.64	2387.67	-28.08	2410.54	-28.44
2430.93	-28.61	2452.46	-28.98	2472.71	-29.22	2508.47	-29.88	2530.20	-30.17
2550.84	-30.48	2571.32	-30.97	2610.46	-31.43	2631.60	-31.90	2652.90	-32.22
2680.38	-32.67	2702.04	-32.94	2740.88	-33.99	2770.20	-34.14	2790.66	-34.64
2820.14	-35.20	2858.53	-35.87	2879.35	-36.14	2915.46	-36.50	2935.79	-36.94
2961.78	-37.09	2982.34	-37.66	3005.13	-38.04	3033.02	-38.31	3053.26	-38.91
3084.71	-38.97	3105.03	-39.42	3128.26	-39.74	3151.85	-40.20	3178.54	-40.59
3201.41	-40.72	3222.74	-41.31	3245.11	-41.55	3273.22	-41.64	3295.16	-41.88
3315.32	-42.19	3335.73	-42.43	3357.65	-42.66	3379.32	-42.86	3418.35	-43.48
3438.38	-43.63	3464.09	-43.73	3501.55	-44.27	3522.54	-44.13	3542.67	-44.58
3562.97	-44.78	3583.50	-44.86	3603.68	-45.15	3631.00	-45.45	3668.93	-45.82
R-090	1972	1773488.19	656169.84	60.00	5.10				
	18OCT23	20OCT23	154 00 23 131						
-014.21	7.62	-012.47	7.34	-011.95	5.70	000.00	5.50	020.00	4.50
037.00	3.40	060.00	2.30	081.00	1.70	102.00	1.10	124.00	0.50
149.00	0.20	170.00	0.10	194.00	-0.70	208.00	-2.10	230.00	-2.50
253.00	-2.90	275.00	-1.70	305.00	-1.70	325.00	-2.10	344.00	-2.40
365.00	-2.00	376.00	-2.70	396.00	-2.80	440.34	-3.23	460.48	-4.24
495.62	-6.06	515.82	-6.61	536.84	-7.21	557.98	-8.73	578.76	-10.52
613.04	-10.22	633.09	-10.02	653.70	-9.76	674.32	-6.67	718.59	-5.17

739.14	-5.98	759.47	-6.82	783.62	-7.60	805.15	-8.06	829.87	-8.84
855.30	-9.39	876.18	-9.76	897.16	-10.21	917.72	-10.72	939.78	-11.21
960.31	-12.04	981.12	-12.74	1002.74	-13.44	1023.22	-13.92	1043.47	-14.62
1068.03	-15.06	1088.78	-14.95	1109.56	-15.18	1130.07	-15.54	1150.35	-15.77
1171.08	-15.85	1191.08	-16.15	1213.98	-16.31	1245.69	-16.40	1276.31	-16.53
1296.82	-16.89	1332.24	-16.83	1352.62	-16.97	1378.72	-17.18	1410.51	-17.34
1438.27	-17.47	1461.49	-17.66	1481.53	-17.80	1502.24	-18.00	1534.68	-17.98
1560.42	-18.37	1589.38	-18.57	1621.01	-18.56	1641.38	-18.69	1664.56	-19.01
1684.88	-19.29	1716.10	-19.51	1745.72	-19.59	1766.21	-20.00	1797.29	-20.29
1817.57	-20.76	1842.46	-20.72	1863.79	-21.26	1898.06	-21.45	1918.46	-21.66
1938.50	-21.94	1963.62	-22.09	1994.12	-22.39	2017.00	-22.93	2052.24	-23.50
2074.21	-23.67	2109.05	-24.08	2130.76	-24.56	2151.36	-24.96	2176.60	-24.96
2197.10	-25.24	2231.09	-25.63	2251.25	-26.22	2288.73	-26.59	2309.66	-27.16
2335.18	-27.78	2358.02	-27.73	2378.13	-28.28	2404.13	-28.40	2426.15	-28.77
2448.89	-28.86	2469.34	-29.49	2500.03	-30.19	2535.94	-30.31	2556.29	-30.68
2576.91	-31.13	2600.35	-31.43	2621.77	-31.90	2643.82	-32.42	2664.08	-32.94
2691.76	-33.16	2720.23	-33.49	2741.60	-33.67	2762.36	-34.16	2782.47	-34.72
2803.07	-34.80	2823.95	-35.52	2861.92	-35.69	2882.25	-36.30	2902.50	-36.47
2942.19	-37.46	2964.89	-37.49	2992.42	-38.11	3035.13	-38.40	3057.64	-38.61
3078.00	-39.21	3103.27	-39.37	3123.49	-39.67	3143.78	-40.24	3164.38	-41.25
3185.66	-40.95	3208.28	-40.98	3244.37	-41.45	3272.08	-41.53	3293.02	-41.81
3313.46	-42.45	3333.76	-42.75	3356.86	-42.58	3393.66	-43.11	3413.90	-43.96
3446.53	-43.66	3482.73	-44.23	3503.18	-44.67	3523.38	-44.83	3555.26	-44.71
3575.38	-44.90	3596.41	-45.18	3623.63	-45.64	3651.36	-45.99		
R-091	1987	1772607.90	656534.59	60.00	11.26				
	18OCT23	20OCT23	154 00 24 130						
-000.25	11.30	001.07	11.26	002.06	6.13	010.62	5.62	020.00	5.30
045.00	4.00	067.00	3.20	088.00	2.30	109.00	1.70	132.00	1.10
152.00	0.80	172.00	0.50	193.00	0.30	214.00	0.00	236.00	-0.50
250.00	-0.80	267.00	-1.60	286.00	-2.20	306.00	-2.90	330.00	-2.90
361.00	-2.30	393.00	-1.90	420.00	-2.10	435.00	-3.00	441.34	-3.53
461.42	-4.45	481.81	-5.23	501.92	-6.23	522.30	-6.75	542.36	-7.30
563.25	-7.61	586.16	-8.04	609.48	-8.75	631.96	-9.90	652.01	-9.71
673.94	-8.96	694.89	-7.96	715.37	-5.63	753.74	-5.31	774.61	-5.95
796.88	-6.80	818.90	-7.39	843.15	-8.11	878.12	-9.23	898.70	-9.92
919.73	-10.61	939.84	-11.05	962.34	-11.70	990.84	-12.59	1011.94	-13.01
1033.40	-13.52	1055.11	-14.10	1075.76	-14.51	1096.66	-14.85	1136.19	-15.28

1156.82	-15.77	1179.03	-15.64	1200.48	-15.92	1221.26	-16.16	1242.16	-15.99
1262.87	-16.34	1285.64	-16.46	1305.86	-16.72	1341.89	-17.08	1362.33	-17.63
1382.93	-17.28	1405.63	-17.19	1427.73	-18.06	1447.97	-17.38	1481.74	-17.66
1512.02	-17.79	1532.86	-18.16	1570.72	-18.03	1596.05	-18.17	1616.65	-18.70
1654.05	-18.66	1680.78	-18.90	1701.28	-19.33	1738.32	-19.60	1766.76	-19.84
1797.54	-19.75	1817.56	-20.27	1839.74	-20.42	1860.59	-20.33	1880.95	-20.83
1901.25	-21.38	1922.48	-21.75	1946.56	-21.87	1971.10	-21.83	1992.69	-22.13
2012.96	-22.67	2045.50	-22.82	2065.61	-23.37	2086.53	-23.76	2106.60	-24.09
2141.16	-24.13	2167.11	-24.39	2187.64	-25.02	2208.10	-25.46	2231.84	-25.64
2259.24	-26.08	2280.54	-26.46	2312.44	-26.51	2332.48	-27.30	2364.90	-27.48
2400.83	-28.14	2422.10	-28.81	2443.45	-28.71	2464.14	-28.97	2487.23	-29.50
2507.88	-29.75	2528.09	-30.09	2548.47	-30.54	2570.49	-31.11	2595.03	-31.37
2616.25	-31.70	2644.61	-31.84	2665.37	-32.68	2690.50	-32.71	2710.82	-33.11
2748.79	-34.37	2772.52	-34.17	2798.56	-34.64	2820.84	-35.45	2847.16	-35.76
2871.83	-36.00	2897.50	-36.19	2917.86	-36.80	2953.14	-37.30	2977.29	-37.62
2998.20	-37.86	3021.61	-38.16	3046.00	-38.76	3066.31	-38.71	3086.99	-39.24
3107.83	-39.34	3133.54	-39.83	3160.28	-40.33	3181.89	-40.34	3202.69	-41.03
3229.20	-41.41	3255.28	-41.42	3290.52	-41.93	3325.48	-42.36	3352.59	-42.84
3380.57	-42.91	3401.88	-43.19	3426.20	-43.57	3449.69	-43.51	3470.00	-43.95
3490.05	-44.27	3510.92	-44.14	3534.34	-44.97	3554.90	-44.60		
R-092	1978	1771885.53	656849.80	60.00	11.55				
	18OCT23	20OCT23	156 00 27 129						

-027.14	7.95	-017.71	7.86	-010.38	7.33	-008.55	9.60	-001.46	9.38
000.27	6.02	008.58	5.73	015.00	5.70	032.00	5.00	053.00	3.70
076.00	2.40	099.00	1.60	115.00	1.10	137.00	0.70	161.00	0.40
180.00	0.10	196.00	-1.40	221.00	-1.30	239.00	-2.20	264.00	-2.40
289.00	-1.60	310.00	-1.60	335.00	-1.90	359.00	-2.30	385.00	-2.50
427.00	-3.20	475.00	-3.30	503.55	-5.71	524.51	-6.67	544.95	-7.58
567.27	-7.94	587.68	-8.91	609.00	-9.64	629.23	-10.19	663.34	-9.97
683.41	-9.52	703.62	-9.05	723.65	-7.47	744.99	-6.00	766.34	-5.71
788.68	-5.89	809.47	-6.66	829.50	-7.73	859.92	-8.31	880.08	-8.81
900.25	-9.66	920.48	-10.42	940.66	-11.04	961.34	-11.57	993.94	-12.39
1014.68	-13.08	1035.06	-13.63	1058.19	-13.99	1078.26	-14.63	1113.30	-15.12
1133.57	-15.38	1153.89	-15.79	1174.38	-16.09	1206.71	-16.10	1227.53	-16.48
1264.46	-16.50	1284.81	-16.82	1307.30	-16.78	1329.48	-17.05	1357.21	-17.03
1377.42	-17.29	1397.88	-17.39	1436.77	-17.59	1458.56	-17.69	1487.14	-17.93
1517.71	-17.85	1538.88	-18.02	1563.10	-18.31	1584.62	-18.42	1623.94	-18.59

1654.81	-18.94	1681.62	-19.01	1702.32	-19.11	1722.90	-19.60	1750.82	-19.81
1773.77	-19.96	1794.30	-20.41	1828.88	-20.57	1851.18	-20.88	1886.88	-21.14
1908.16	-21.46	1930.64	-21.59	1951.82	-21.92	1979.31	-22.13	1999.76	-22.64
2023.12	-22.85	2047.94	-23.13	2068.75	-23.46	2096.15	-23.74	2119.04	-24.06
2140.07	-24.39	2160.10	-24.65	2180.18	-25.14	2201.32	-25.38	2222.82	-25.77
2260.94	-26.63	2281.66	-27.01	2302.54	-27.06	2322.60	-27.34	2343.58	-27.84
2365.44	-27.97	2389.00	-28.50	2409.62	-28.90	2430.86	-29.23	2462.73	-29.46
2501.07	-30.26	2527.33	-30.72	2552.09	-31.20	2577.87	-31.62	2615.08	-32.44
2646.19	-32.61	2667.54	-33.04	2711.11	-33.58	2731.21	-34.01	2753.37	-34.42
2777.38	-34.84	2803.14	-35.15	2823.56	-35.85	2848.26	-35.90	2872.43	-36.48
2907.32	-36.87	2942.58	-37.47	2968.80	-37.77	2989.25	-38.27	3014.26	-38.46
3034.68	-38.94	3056.24	-39.40	3088.70	-39.78	3110.40	-40.00	3142.52	-40.74
3175.46	-40.82	3198.48	-41.18	3218.56	-41.50	3238.67	-41.60	3259.15	-41.93
3280.63	-42.64	3319.48	-42.86	3354.96	-42.90	3377.58	-43.37	3407.32	-43.46
3427.89	-43.99	3463.14	-44.25	3486.14	-44.40	3506.92	-44.58	3528.06	-45.18
3548.64	-45.01	3569.80	-45.40	3592.10	-45.52	3615.07	-46.09	3635.78	-46.38
3663.04	-46.16								

R-093	1987		1771052.87	657203.42	60.00	16.23
	18OCT23	20OCT23	154	00	24	130

006.61	15.13	007.15	6.10	011.51	5.70	020.00	5.40	034.00	5.00
057.00	3.90	078.00	2.70	098.00	2.10	116.00	1.70	135.00	1.30
159.00	1.00	182.00	0.70	200.00	0.40	218.00	0.20	238.00	-0.20
260.00	-0.40	275.00	-0.60	300.00	-1.60	327.00	-1.70	348.00	-2.60
372.00	-3.30	395.00	-3.30	417.00	-4.30	441.00	-5.40	454.24	-5.73
474.39	-6.79	495.04	-7.53	516.21	-8.20	536.91	-8.81	557.41	-9.15
577.60	-8.98	597.63	-8.45	617.89	-6.75	639.53	-5.20	672.75	-4.83
704.18	-4.93	725.13	-5.45	745.60	-6.21	765.65	-7.21	786.13	-7.67
808.48	-8.28	829.02	-9.04	856.75	-9.53	879.33	-10.17	899.66	-10.79
924.93	-11.35	953.56	-11.91	974.60	-12.43	997.02	-12.78	1017.40	-13.29
1037.52	-13.87	1058.00	-14.19	1088.52	-14.79	1114.80	-14.91	1135.22	-15.36
1155.44	-15.79	1175.69	-16.20	1212.01	-16.06	1246.79	-16.27	1284.97	-16.53
1306.59	-16.81	1327.22	-17.36	1350.52	-17.34	1372.52	-17.46	1393.08	-17.42
1417.72	-17.31	1454.52	-17.43	1484.75	-17.36	1505.45	-17.68	1526.22	-18.00
1546.70	-18.40	1566.94	-18.62	1587.24	-18.94	1610.70	-18.75	1650.47	-18.98
1678.60	-18.84	1699.86	-19.24	1722.28	-19.16	1742.98	-19.96	1778.96	-20.01
1803.06	-20.42	1823.98	-20.64	1857.58	-20.58	1878.77	-20.89	1899.15	-21.14
1921.02	-21.39	1941.57	-21.88	1962.31	-22.03	1992.55	-22.20	2012.77	-22.53

2033.56	-22.58	2055.03	-23.34	2082.35	-23.30	2102.50	-23.98	2126.75	-24.24
2151.52	-24.44	2174.10	-24.99	2205.48	-24.98	2226.24	-25.15	2246.79	-25.64
2268.46	-26.37	2289.58	-26.88	2312.77	-27.07	2333.71	-27.36	2354.74	-27.55
2375.15	-28.13	2423.10	-28.50	2443.37	-29.14	2472.99	-29.10	2493.16	-30.17
2513.47	-30.39	2535.36	-31.01	2565.10	-31.16	2591.49	-31.69	2613.34	-32.26
2635.18	-32.31	2675.10	-33.13	2695.29	-33.24	2715.84	-33.94	2739.26	-34.41
2759.84	-34.90	2781.30	-35.24	2820.67	-35.46	2841.58	-35.48	2863.58	-36.56
2900.38	-37.16	2931.19	-37.73	2957.26	-37.93	2986.33	-37.89	3007.62	-38.36
3028.55	-39.01	3053.49	-39.55	3090.35	-39.81	3110.37	-40.15	3134.72	-39.96
3156.19	-40.56	3176.72	-40.53	3197.42	-41.59	3236.52	-41.73	3264.87	-42.42
3287.21	-42.03	3307.43	-42.17	3328.55	-42.57	3349.23	-43.47	3372.41	-43.05
3393.18	-43.10	3415.48	-43.57	3438.48	-43.85	3470.66	-44.18	3503.33	-44.17
3524.39	-44.55	3549.10	-44.56	3572.04	-45.59	3604.11	-45.16		
R-094	1972	1770124.10	657612.84	60.00	8.66				
	20OCT23	20OCT23	153 00 20 133						

007.20	8.44	015.94	5.77	030.00	5.00	045.00	3.30	066.00	2.20
088.00	1.50	114.00	1.20	140.00	0.40	167.00	-1.10	196.00	-1.70
231.00	-0.80	253.00	-0.60	283.00	-0.80	302.00	-1.00	333.00	-1.40
349.00	-2.00	371.00	-3.00	409.00	-4.10	424.00	-5.10	451.00	-6.00
476.59	-7.46	515.68	-7.42	537.79	-8.24	558.22	-8.77	581.00	-9.04
601.61	-9.42	621.89	-8.98	641.98	-8.54	662.78	-7.50	683.08	-6.82
704.01	-6.60	728.58	-6.73	752.85	-6.91	772.88	-7.13	803.70	-8.08
824.08	-8.30	849.36	-8.96	870.47	-9.84	902.52	-10.58	924.49	-10.93
947.38	-11.31	967.82	-11.73	988.32	-12.32	1024.12	-13.45	1044.73	-13.81
1065.20	-14.14	1086.90	-14.41	1109.12	-14.81	1147.04	-15.36	1175.88	-15.56
1196.49	-16.08	1217.36	-16.14	1238.16	-16.34	1259.72	-16.44	1288.88	-16.76
1309.34	-16.57	1329.62	-17.04	1357.41	-17.09	1379.46	-17.22	1404.29	-17.53
1427.42	-17.65	1447.78	-17.54	1467.82	-17.78	1500.36	-18.07	1529.64	-18.11
1549.98	-18.38	1571.93	-18.85	1605.21	-18.58	1625.62	-18.73	1655.20	-18.97
1675.33	-19.35	1697.52	-19.66	1733.63	-19.84	1761.97	-20.07	1782.89	-20.25
1807.54	-20.46	1830.50	-20.76	1850.70	-21.02	1888.56	-21.13	1908.57	-21.72
1939.54	-22.08	1973.22	-22.15	1995.40	-22.63	2019.13	-22.84	2039.58	-23.24
2078.64	-23.69	2098.76	-24.03	2119.10	-24.31	2139.92	-24.68	2180.44	-25.07
2200.81	-25.72	2229.38	-25.95	2251.33	-26.32	2271.44	-26.67	2305.50	-27.14
2326.08	-27.56	2346.14	-27.93	2383.80	-28.23	2421.74	-29.03	2442.85	-29.21
2463.26	-29.56	2486.14	-29.82	2507.30	-30.44	2529.04	-31.02	2564.78	-31.36
2588.86	-31.78	2618.52	-32.17	2654.86	-32.67	2676.22	-33.11	2699.85	-33.25

2720.30	-33.87	2747.19	-34.20	2767.70	-34.45	2792.45	-35.18	2813.74	-35.47
2834.10	-35.20	2859.86	-35.94	2890.09	-36.50	2912.84	-37.10	2945.27	-37.25
2967.50	-37.62	2987.92	-37.78	3009.74	-37.98	3030.24	-38.44	3053.73	-38.89
3080.19	-39.30	3103.54	-39.58	3127.12	-40.00	3148.02	-40.15	3180.16	-40.67
3203.91	-40.93	3225.67	-41.26	3253.93	-41.35	3278.18	-42.13	3317.22	-42.30
3343.84	-42.57	3364.67	-42.67	3387.62	-42.94	3407.79	-43.40	3429.82	-43.78
3454.63	-43.57	3480.92	-44.04	3502.25	-44.28	3523.15	-44.59	3546.27	-44.53
3566.98	-44.94	3587.38	-45.26	3610.05	-45.04	3633.07	-45.25	3653.18	-45.69
3687.85	-46.13	3708.87	-46.35	3729.00	-46.62				
R-095	1978	1769231.29	658023.68	60.00	13.09				
	200CT23	200CT23	152 00	23 129					

004.99	13.04	005.53	5.95	020.00	4.80	037.00	3.40	059.00	2.10
084.00	1.40	108.00	0.90	135.00	0.50	164.00	-0.40	182.00	-1.00
205.00	-2.10	216.00	-2.50	231.00	-2.30	249.00	-2.30	262.00	-1.60
274.00	-1.50	285.00	-4.60	318.00	-2.00	321.00	-2.20	346.00	-2.50
359.00	-2.70	386.00	-2.90	420.00	-3.50	470.16	-6.13	490.22	-6.91
510.83	-7.78	530.88	-8.54	551.89	-9.08	572.02	-10.83	593.85	-10.39
616.72	-10.02	637.08	-10.85	657.45	-11.33	681.44	-10.80	713.00	-9.96
733.03	-8.03	753.37	-6.49	775.23	-5.97	795.81	-6.41	816.16	-6.97
836.70	-7.41	858.91	-8.14	888.43	-8.88	909.24	-9.85	931.78	-10.26
952.90	-10.98	973.58	-11.68	1006.12	-12.45	1026.50	-13.16	1047.02	-13.89
1077.54	-14.23	1097.94	-14.96	1126.81	-15.27	1157.56	-15.61	1183.95	-15.80
1205.16	-16.18	1243.53	-16.60	1277.46	-16.30	1298.34	-16.67	1322.96	-16.81
1358.98	-17.20	1383.20	-17.33	1404.26	-17.56	1424.91	-17.67	1446.76	-17.69
1466.77	-17.61	1493.76	-17.42	1514.14	-17.63	1534.40	-17.96	1554.64	-18.89
1577.40	-18.83	1605.07	-18.80	1633.48	-18.96	1658.78	-18.93	1684.34	-19.27
1723.53	-19.63	1747.68	-19.97	1779.91	-20.08	1801.85	-20.44	1835.51	-21.36
1856.91	-21.13	1879.22	-21.26	1900.06	-21.86	1921.30	-21.60	1954.96	-21.93
1975.43	-22.35	1995.91	-22.86	2016.95	-23.13	2039.65	-23.74	2060.86	-23.41
2085.10	-23.76	2105.33	-23.93	2125.52	-24.35	2149.38	-24.52	2169.53	-25.14
2190.19	-25.30	2212.19	-26.06	2250.06	-26.57	2279.25	-26.70	2300.49	-27.23
2334.19	-27.73	2358.26	-28.25	2378.32	-28.57	2409.29	-28.89	2429.92	-29.39
2450.17	-29.85	2473.96	-29.88	2494.14	-30.33	2514.79	-31.12	2541.40	-31.17
2562.29	-31.79	2585.50	-31.72	2606.30	-32.14	2640.33	-32.68	2666.04	-33.32
2686.26	-33.86	2706.44	-34.10	2732.91	-34.61	2753.00	-34.95	2778.16	-35.29
2799.08	-35.45	2822.52	-35.68	2843.75	-36.32	2866.95	-36.61	2899.52	-37.08
2924.66	-37.21	2946.04	-37.90	2971.99	-38.40	2998.24	-38.13	3019.94	-38.52

3040.13	-38.76	3060.87	-39.01	3081.02	-39.69	3106.03	-39.67	3127.06	-40.52
3159.19	-40.44	3180.39	-40.88	3212.03	-41.03	3246.36	-41.72	3280.17	-42.04
3300.18	-42.50	3331.14	-42.40	3351.50	-42.92	3372.82	-42.78	3393.80	-43.08
3413.85	-43.76	3451.77	-43.93	3472.59	-44.12	3506.32	-44.48	3531.38	-45.35
3551.98	-44.77	3579.25	-45.25						
R-096	1978	1768368.02	658422.29	60.00	15.31				
	20OCT23	20OCT23	156 00 27 129						

-029.81	11.94	-025.14	10.94	-017.39	10.80	-016.92	12.64	-012.89	13.08
-008.18	6.04	000.03	5.62	010.00	5.00	029.00	3.70	051.00	2.40
074.00	1.50	100.00	1.10	132.00	0.60	159.00	-0.10	170.00	-1.30
193.00	-2.00	222.00	-2.50	250.00	-2.50	265.00	-2.40	279.00	-1.80
301.00	-1.80	323.00	-2.20	341.00	-2.60	365.00	-2.90	387.00	-3.00
414.00	-3.20	430.00	-3.80	446.49	-4.39	466.80	-5.57	487.44	-6.61
507.58	-7.52	529.50	-7.90	553.14	-8.29	576.46	-8.50	598.96	-9.52
619.13	-10.36	643.60	-10.22	664.53	-9.94	703.16	-9.27	723.43	-8.10
744.77	-6.79	770.75	-6.35	791.55	-6.21	819.47	-6.73	842.00	-8.15
862.46	-9.08	895.69	-10.03	915.75	-10.48	935.96	-10.88	956.36	-11.43
978.03	-11.77	1006.89	-12.74	1027.72	-13.21	1049.11	-13.85	1070.59	-14.37
1091.77	-14.66	1113.57	-15.14	1133.79	-15.50	1156.26	-15.72	1190.44	-16.03
1213.31	-16.24	1233.92	-16.39	1261.51	-16.41	1282.13	-16.73	1303.70	-17.11
1341.34	-17.09	1372.16	-17.45	1396.42	-17.73	1418.84	-17.84	1455.01	-17.72
1476.06	-18.19	1497.76	-18.13	1518.04	-18.40	1553.59	-18.44	1574.09	-19.08
1594.79	-18.99	1618.76	-19.16	1648.82	-19.33	1668.84	-19.72	1689.59	-19.67
1715.27	-19.96	1738.80	-20.04	1760.70	-20.37	1781.61	-20.50	1802.38	-20.86
1823.14	-21.08	1843.80	-21.46	1866.34	-21.62	1896.25	-21.82	1917.59	-22.08
1957.70	-22.58	1977.96	-22.92	1998.87	-23.30	2023.64	-23.47	2044.49	-23.77
2069.80	-24.18	2090.25	-24.53	2111.37	-24.65	2145.03	-25.40	2167.59	-25.51
2187.76	-25.90	2209.04	-26.11	2230.06	-26.51	2259.55	-26.85	2296.98	-27.90
2317.37	-28.05	2338.51	-28.42	2362.14	-28.51	2384.50	-29.33	2405.24	-29.58
2443.82	-29.97	2472.96	-30.49	2493.11	-30.75	2516.76	-31.20	2545.08	-31.55
2565.35	-32.00	2593.54	-32.11	2616.22	-32.58	2637.13	-33.03	2657.29	-33.45
2678.55	-33.69	2705.54	-34.04	2725.58	-34.50	2765.13	-35.08	2785.56	-35.32
2813.86	-35.77	2833.89	-36.44	2868.80	-36.97	2889.82	-37.12	2911.58	-37.50
2932.05	-37.90	2953.28	-38.48	2980.28	-38.68	3001.01	-39.17	3031.08	-39.41
3065.97	-39.76	3098.72	-40.24	3119.80	-40.68	3140.32	-40.85	3161.30	-41.59
3199.54	-41.76	3219.60	-42.10	3239.68	-42.41	3261.01	-42.77	3294.88	-43.43
3331.27	-43.87	3360.96	-43.56	3386.37	-44.34	3407.92	-44.77	3431.58	-44.72

3467.07 -45.40 3487.82 -45.01 3508.04 -45.49 3534.74 -45.94 3564.88 -46.20
3592.64 -46.08

R-097 1987 1767550.54 658791.95 60.00 10.54
20OCT23 20OCT23 146 00 25 121

000.20	10.48	000.28	5.98	006.74	5.64	015.00	4.70	034.00	3.40
057.00	2.10	080.00	1.50	102.00	0.80	128.00	0.40	151.00	0.10
174.00	0.00	204.00	-0.40	232.00	-0.70	247.00	-1.00	266.00	-1.30
282.00	-1.60	308.00	-2.60	324.00	-3.10	340.00	-3.50	368.00	-3.10
386.00	-2.60	415.00	-3.60	428.00	-4.70	449.00	-5.20	468.00	-6.50
481.28	-6.48	501.38	-7.27	521.45	-7.95	541.46	-8.63	561.55	-8.25
581.72	-5.99	604.21	-4.47	644.67	-4.52	666.26	-5.12	700.30	-6.18
720.45	-7.19	744.71	-7.68	767.75	-8.48	791.24	-8.82	825.78	-9.50
847.33	-9.77	870.31	-10.38	890.72	-11.13	911.18	-11.41	944.74	-12.30
966.36	-12.80	989.05	-13.21	1010.81	-13.74	1039.45	-14.34	1060.38	-14.95
1099.37	-15.13	1134.10	-15.54	1156.12	-15.61	1180.34	-15.99	1211.11	-16.27
1231.57	-16.67	1254.24	-16.46	1275.68	-16.61	1305.18	-16.70	1325.47	-17.11
1353.99	-17.11	1379.52	-17.37	1405.74	-17.51	1438.88	-18.07	1473.58	-17.86
1498.11	-18.36	1523.05	-18.04	1543.93	-18.67	1565.18	-18.63	1586.62	-18.54
1606.88	-18.84	1646.34	-19.28	1674.66	-19.79	1709.84	-20.09	1746.42	-19.91
1766.60	-20.22	1786.72	-20.50	1819.38	-20.84	1842.08	-21.32	1862.35	-21.40
1882.68	-22.00	1903.12	-21.99	1927.51	-22.02	1951.38	-22.36	1973.62	-22.85
1994.65	-22.75	2014.86	-23.74	2036.54	-23.94	2070.17	-24.07	2090.24	-24.55
2114.24	-25.27	2147.15	-24.81	2168.06	-25.72	2196.60	-25.85	2217.50	-26.10
2237.81	-26.69	2258.39	-26.92	2278.75	-27.12	2300.27	-27.57	2331.13	-27.85
2353.68	-28.43	2374.65	-29.02	2395.91	-29.22	2416.35	-29.37	2437.20	-29.90
2457.52	-30.00	2477.90	-30.20	2498.38	-30.83	2521.62	-31.81	2546.96	-31.47
2569.76	-32.14	2603.92	-32.98	2624.09	-33.78	2654.89	-33.63	2686.70	-34.04
2706.92	-34.50	2746.88	-35.24	2780.46	-35.41	2800.57	-35.82	2821.06	-36.17
2841.07	-36.70	2867.00	-37.18	2890.88	-37.10	2911.38	-37.85	2933.16	-38.33
2964.84	-38.47	2986.16	-38.87	3007.00	-39.02	3027.10	-39.38	3051.08	-39.80
3080.62	-40.08	3110.09	-40.88	3133.14	-41.12	3166.06	-41.15	3186.62	-42.13
3227.14	-42.14	3263.48	-42.71	3284.15	-42.49	3305.55	-42.72	3328.66	-42.93
3350.00	-43.39	3370.51	-43.74	3391.99	-43.84	3413.30	-44.16	3444.89	-44.39
3472.34	-44.69								

R-098 1978 1766631.72 659213.54 60.00 8.89
20OCT23 20OCT23 150 00 23 127

001.42	11.82	001.53	5.97	007.00	5.48	015.00	4.30	033.00	2.80
057.00	1.70	083.00	0.80	110.00	0.30	139.00	-0.30	160.00	-1.20
178.00	-1.50	195.00	-1.20	215.00	-1.20	235.00	-1.30	255.00	-1.50
278.00	-2.30	297.00	-2.30	325.00	-2.60	339.00	-3.00	370.00	-3.50
407.00	-4.10	450.00	-5.10	487.00	-7.10	501.90	-7.89	523.31	-8.16
552.63	-8.43	572.68	-9.00	592.79	-10.53	613.02	-10.17	637.19	-9.63
657.44	-8.53	678.53	-6.56	713.92	-5.95	734.64	-6.44	755.60	-6.98
790.67	-7.59	810.90	-8.02	831.05	-8.56	851.72	-9.17	872.25	-9.92
898.22	-10.94	919.06	-11.67	939.71	-12.10	960.10	-12.42	980.34	-12.74
1000.60	-13.63	1024.32	-14.43	1046.93	-14.41	1067.01	-14.72	1088.63	-15.09
1112.94	-15.43	1151.00	-15.58	1171.06	-15.75	1191.36	-16.01	1212.12	-16.34
1232.88	-16.31	1263.92	-16.72	1285.78	-16.56	1310.58	-17.03	1337.24	-17.01
1363.17	-16.96	1383.61	-17.25	1403.99	-17.40	1428.92	-17.64	1461.27	-17.93
1482.46	-17.74	1504.48	-18.14	1534.34	-18.66	1554.44	-18.75	1575.69	-18.83
1597.72	-18.99	1637.46	-19.49	1658.92	-19.16	1680.84	-19.39	1704.98	-19.94
1725.91	-20.05	1746.83	-20.47	1781.10	-20.69	1803.18	-20.85	1831.20	-21.18
1851.86	-21.51	1876.62	-21.78	1898.98	-22.04	1931.22	-22.46	1951.26	-22.92
1976.73	-23.26	1999.14	-23.15	2019.55	-23.69	2040.04	-24.15	2060.80	-24.35
2081.35	-24.77	2101.65	-24.92	2136.43	-25.16	2157.60	-25.51	2183.09	-25.97
2210.58	-26.25	2231.65	-26.52	2255.79	-27.03	2276.16	-27.53	2305.90	-27.63
2326.32	-28.30	2347.36	-28.57	2369.60	-29.00	2409.29	-29.45	2429.49	-30.03
2458.06	-30.69	2496.00	-31.10	2529.31	-31.73	2550.96	-32.02	2571.62	-32.40
2602.36	-32.92	2626.05	-33.49	2646.25	-33.66	2667.04	-34.63	2704.32	-34.89
2735.83	-35.20	2766.88	-35.70	2787.50	-36.08	2812.68	-36.47	2842.70	-36.66
2862.73	-36.98	2882.80	-37.58	2904.44	-37.91	2926.20	-38.22	2946.68	-38.54
2980.54	-38.87	3001.17	-39.77	3032.24	-39.90	3065.20	-40.03	3085.66	-40.48
3105.70	-40.88	3138.94	-41.44	3168.32	-41.62	3189.55	-42.33	3221.46	-42.39
3253.73	-42.73	3289.46	-43.22	3310.38	-43.20	3331.12	-43.51	3351.72	-43.85
3372.20	-44.34	3392.22	-44.45	3427.02	-44.58	3447.42	-44.82	3469.63	-45.10
3489.97	-45.24	3518.62	-45.43	3540.68	-45.72	3561.00	-46.04	3592.04	-46.47
R-099	1978	1765789.21	659595.46	60.00	10.43				
	20OCT23	20OCT23	153 00	22 131					
-024.37	14.04	-017.21	5.50	-002.11	4.94	010.00	4.50	037.00	3.60
052.00	2.80	076.00	1.80	103.00	1.10	124.00	0.70	150.00	0.30
175.00	0.10	197.00	-0.20	222.00	-0.80	249.00	-1.70	262.00	-2.50
282.00	-2.60	301.00	-3.80	324.00	-2.40	341.00	-2.20	356.00	-2.60
380.00	-3.40	397.00	-4.20	426.56	-5.74	448.28	-6.35	485.74	-7.56

506.66	-7.91	526.88	-8.20	551.55	-8.42	581.91	-9.21	606.60	-9.42
627.70	-8.94	658.96	-9.02	683.59	-8.69	703.66	-7.12	723.68	-5.82
749.53	-5.67	770.01	-6.23	794.10	-6.74	830.47	-7.95	851.89	-8.62
872.19	-9.33	892.68	-9.93	916.89	-10.78	937.04	-11.37	957.98	-11.87
978.64	-12.85	1004.31	-13.25	1025.26	-14.03	1046.68	-14.24	1068.77	-14.57
1090.36	-14.96	1110.62	-15.00	1133.19	-15.68	1153.79	-15.74	1189.63	-15.72
1210.30	-15.70	1230.74	-15.95	1251.96	-16.39	1276.98	-16.84	1300.58	-16.92
1331.83	-16.74	1352.26	-16.88	1372.44	-17.25	1412.10	-17.67	1435.56	-17.36
1456.83	-17.94	1477.75	-17.76	1498.10	-17.74	1529.16	-18.06	1549.48	-18.37
1571.46	-18.72	1591.81	-18.94	1627.10	-19.15	1647.44	-19.49	1676.91	-19.51
1698.50	-19.68	1719.44	-20.12	1740.72	-19.82	1761.89	-19.97	1790.08	-20.45
1814.09	-21.07	1834.63	-20.77	1866.31	-21.76	1890.29	-22.21	1915.67	-22.03
1936.44	-21.92	1957.40	-22.48	1996.89	-22.89	2018.48	-23.65	2038.64	-24.05
2062.39	-24.29	2083.89	-24.19	2106.14	-24.61	2134.66	-24.97	2162.08	-24.97
2189.04	-25.46	2209.54	-26.02	2238.46	-26.73	2268.02	-27.10	2289.94	-27.47
2313.07	-28.24	2343.62	-28.41	2366.12	-28.53	2386.67	-28.98	2409.12	-29.30
2430.66	-29.85	2451.18	-30.33	2474.14	-30.76	2503.88	-30.80	2524.80	-31.64
2547.96	-31.60	2568.42	-32.02	2588.94	-32.58	2610.58	-33.44	2645.28	-33.51
2665.92	-34.26	2696.49	-34.00	2716.93	-34.99	2744.36	-35.30	2777.54	-35.76
2798.75	-36.20	2820.82	-36.75	2841.00	-37.34	2861.66	-37.33	2901.43	-38.05
2922.87	-37.80	2945.49	-38.37	2966.44	-38.73	2986.48	-39.36	3014.53	-39.59
3034.82	-40.26	3056.72	-40.45	3080.37	-40.88	3106.80	-40.80	3126.99	-41.31
3150.42	-41.43	3170.64	-42.02	3190.88	-42.29	3230.53	-42.85	3253.20	-43.49
3290.40	-44.86	3314.06	-43.60	3334.68	-44.06	3374.82	-44.56	3409.94	-45.30
3431.58	-45.07	3452.34	-45.31	3473.46	-45.85	3495.18	-45.99	3519.78	-45.80
3541.03	-46.08	3561.82	-46.23	3585.60	-46.83				
R-100	1987	1764930.18	659978.78	60.00	10.95				
	20OCT23	20OCT23	149 00	27 122					
-000.18	11.76	000.97	5.00	009.77	4.87	015.00	4.30	037.00	2.90
052.00	2.30	073.00	1.50	098.00	0.80	124.00	0.40	148.00	0.10
173.00	-0.30	197.00	-0.90	222.00	-1.80	237.00	-2.10	254.00	-2.50
269.00	-1.70	287.00	-1.50	306.00	-1.60	324.00	-1.90	341.00	-2.10
361.00	-2.30	380.00	-2.90	397.00	-3.70	412.00	-4.40	430.00	-5.20
453.00	-5.90	474.00	-5.40	517.43	-9.67	537.71	-9.96	557.77	-8.58
578.28	-4.71	617.76	-4.87	638.10	-5.48	658.96	-5.76	681.16	-6.13
708.62	-6.80	731.74	-7.37	751.98	-7.95	772.10	-8.64	795.94	-8.85
822.94	-9.93	843.62	-10.42	866.15	-10.64	886.48	-11.10	906.83	-11.45

929.02	-11.76	960.36	-12.49	981.03	-13.03	1001.07	-13.92	1021.24	-14.11
1043.56	-14.28	1075.34	-14.73	1095.62	-14.98	1115.90	-15.63	1152.72	-15.66
1178.34	-15.94	1202.90	-16.26	1236.74	-16.36	1257.01	-16.67	1285.14	-16.59
1305.84	-17.03	1340.64	-17.07	1361.13	-17.29	1392.30	-17.43	1419.52	-17.47
1440.11	-17.54	1462.32	-17.69	1482.53	-18.08	1504.41	-18.14	1524.75	-18.31
1554.36	-18.44	1574.44	-18.94	1613.58	-19.18	1650.91	-19.18	1681.46	-19.45
1708.60	-19.75	1728.84	-20.08	1762.05	-20.32	1782.26	-20.43	1802.30	-20.89
1822.71	-20.58	1843.96	-21.10	1864.25	-21.27	1898.87	-21.60	1919.20	-21.91
1952.38	-22.17	1987.33	-22.51	2008.01	-23.09	2028.04	-23.61	2048.70	-23.62
2077.91	-23.93	2098.23	-24.45	2125.64	-24.86	2161.62	-25.56	2193.80	-25.81
2232.26	-26.72	2257.88	-26.84	2282.72	-27.24	2312.56	-28.01	2351.40	-28.52
2382.04	-28.83	2402.14	-29.42	2432.57	-29.95	2459.56	-30.36	2480.03	-30.80
2501.14	-31.16	2522.58	-31.58	2542.76	-32.10	2571.26	-32.54	2598.70	-33.39
2618.93	-33.71	2639.06	-33.98	2670.56	-34.88	2691.80	-35.17	2721.78	-35.44
2742.00	-36.03	2774.64	-36.51	2812.20	-36.76	2832.35	-37.51	2852.79	-37.97
2888.54	-38.26	2921.54	-39.01	2943.73	-39.62	2963.95	-39.34	2984.18	-39.89
3004.46	-40.48	3030.10	-41.13	3050.41	-41.26	3070.82	-41.38	3091.36	-41.92
3122.64	-42.41	3160.26	-43.39	3182.63	-43.32	3205.29	-43.42	3228.17	-43.56
3267.22	-43.84	3299.46	-43.97	3329.45	-43.91	3350.42	-44.41	3387.42	-44.54
3407.82	-44.69	3430.60	-44.48	3451.74	-45.06	3472.54	-44.89	3506.22	-45.23
3540.25	-45.67	3560.56	-45.48	3581.15	-45.73	3618.76	-46.11		
R-101	1972	1764145.65	660316.04	60.00	10.93				
	19OCT23	20OCT23	154 00	23 131					

006.85	17.75	009.00	5.63	022.70	4.52	025.00	3.90	040.00	2.80
057.00	1.90	075.00	1.30	095.00	0.60	117.00	0.10	137.00	-0.40
158.00	-1.00	176.00	-1.50	195.00	-1.20	213.00	-2.00	236.00	-1.70
254.00	-2.10	275.00	-2.40	293.00	-2.50	317.00	-2.50	340.00	-3.00
358.00	-3.00	378.00	-3.00	403.00	-3.30	464.36	-7.30	485.34	-8.30
506.00	-8.52	527.19	-8.73	547.71	-9.29	569.29	-9.43	595.06	-9.40
617.43	-9.56	637.68	-9.04	658.28	-7.66	678.73	-6.47	712.13	-5.96
732.92	-6.49	753.32	-6.84	783.32	-7.70	804.28	-8.39	824.36	-8.88
847.23	-9.38	867.24	-9.92	894.82	-10.75	915.39	-11.19	935.54	-11.93
955.74	-12.53	975.94	-12.93	996.28	-13.64	1018.47	-13.82	1038.48	-14.27
1058.62	-14.52	1081.28	-14.77	1101.78	-15.20	1124.78	-15.52	1154.41	-15.69
1177.96	-15.87	1199.39	-16.07	1220.45	-16.43	1259.34	-16.33	1280.36	-16.48
1306.45	-16.30	1327.36	-17.07	1347.58	-17.04	1375.34	-17.77	1404.60	-17.67
1427.58	-17.34	1452.90	-17.73	1477.62	-17.28	1501.56	-17.47	1521.70	-18.25

1544.28	-18.21	1572.89	-18.82	1594.42	-18.97	1618.34	-18.96	1640.52	-18.61
1663.00	-18.94	1699.43	-19.55	1719.72	-19.97	1742.32	-20.15	1762.66	-20.54
1786.38	-20.66	1807.35	-20.53	1829.80	-20.95	1850.80	-20.90	1876.88	-21.25
1899.45	-21.44	1919.88	-22.15	1944.58	-22.38	1970.47	-22.75	1991.06	-23.12
2018.34	-23.09	2038.67	-23.56	2071.46	-24.09	2091.74	-24.27	2113.02	-24.57
2146.38	-25.23	2166.51	-24.95	2186.97	-25.63	2207.07	-26.09	2231.26	-26.42
2253.48	-26.99	2273.78	-27.52	2294.88	-27.34	2316.06	-27.55	2336.22	-28.08
2358.65	-28.28	2378.88	-29.17	2400.84	-29.19	2428.37	-29.51	2449.11	-30.31
2484.08	-30.34	2511.13	-31.01	2531.15	-31.14	2551.55	-31.45	2571.97	-31.80
2592.18	-32.11	2629.32	-32.68	2649.82	-33.27	2674.25	-33.75	2711.56	-33.81
2732.29	-34.92	2754.81	-34.74	2775.37	-34.84	2797.54	-35.66	2818.03	-35.67
2847.86	-36.25	2874.71	-36.52	2895.43	-37.35	2929.62	-37.75	2959.92	-37.61
2980.84	-38.28	3013.16	-38.47	3033.35	-39.00	3054.69	-39.49	3084.27	-39.94
3107.92	-40.10	3131.76	-40.33	3157.24	-40.82	3180.78	-41.56	3211.84	-41.75
3250.18	-42.41	3270.66	-42.36	3290.69	-42.57	3314.92	-42.63	3335.34	-43.38
3356.84	-43.20	3377.59	-43.55	3398.00	-43.82	3418.65	-44.29	3440.92	-44.12
3460.98	-44.68	3482.22	-44.49	3503.20	-45.14	3540.67	-45.34		

R-102	1978	1763140.20	660742.86	60.00	13.94
	19OCT23	20OCT23	149 00 21 128		

019.59	16.63	021.94	5.99	030.08	5.15	040.00	4.30	063.00	3.30
081.00	2.30	104.00	1.40	125.00	0.60	147.00	0.10	168.00	-0.40
187.00	-0.70	208.00	-1.00	231.00	-1.30	248.00	-1.60	271.00	-1.70
297.00	-2.10	319.00	-2.40	350.00	-2.80	370.00	-3.10	390.00	-3.10
411.00	-3.20	425.10	-3.26	447.14	-3.85	471.20	-4.61	491.52	-5.73
524.14	-6.50	544.49	-7.15	565.55	-7.68	585.71	-8.02	605.90	-8.52
642.84	-10.85	662.94	-11.21	683.55	-10.59	705.71	-10.24	728.24	-9.83
748.29	-9.86	770.05	-9.61	796.82	-9.41	817.16	-8.74	840.34	-8.35
877.26	-8.49	905.83	-8.82	930.99	-9.43	951.15	-10.02	971.53	-10.75
998.56	-11.34	1019.96	-12.05	1040.46	-12.56	1060.52	-13.60	1094.00	-14.12
1115.82	-15.11	1152.98	-15.16	1173.84	-15.59	1194.11	-15.92	1215.51	-15.99
1235.89	-16.20	1267.14	-16.49	1304.79	-16.76	1326.26	-16.97	1358.40	-17.18
1378.78	-17.35	1399.81	-17.34	1432.36	-17.21	1467.64	-17.76	1499.38	-17.76
1529.83	-18.05	1558.02	-18.27	1583.02	-18.36	1611.34	-18.44	1633.02	-18.99
1653.13	-19.20	1678.00	-19.37	1707.95	-19.61	1742.55	-19.88	1762.64	-20.28
1782.94	-20.65	1813.30	-20.72	1834.14	-20.76	1859.69	-21.25	1880.94	-21.57
1907.82	-21.68	1929.04	-22.00	1950.78	-22.34	1980.90	-22.60	2001.41	-22.98
2040.04	-23.68	2060.94	-23.96	2085.96	-24.48	2117.72	-24.94	2150.65	-25.31

2179.26	-25.72	2211.36	-26.25	2238.12	-26.50	2258.30	-27.00	2293.03	-27.44
2313.68	-27.99	2339.09	-28.09	2362.40	-28.51	2382.85	-29.04	2402.90	-29.71
2440.33	-29.86	2460.71	-30.24	2496.88	-31.07	2536.29	-31.62	2569.97	-31.88
2591.19	-32.19	2611.41	-32.37	2631.90	-32.95	2652.53	-33.76	2682.50	-33.62
2702.89	-34.18	2723.81	-34.81	2744.40	-34.99	2765.17	-35.36	2791.12	-35.71
2812.06	-36.07	2849.81	-36.30	2870.16	-36.88	2902.51	-37.14	2923.94	-37.46
2955.77	-37.85	2976.38	-38.35	2998.61	-38.65	3018.91	-38.73	3045.02	-39.32
3081.61	-39.70	3106.60	-39.99	3131.12	-40.37	3156.38	-41.09	3193.65	-41.58
3224.90	-42.15	3249.19	-42.12	3278.52	-42.44	3298.53	-42.67	3326.37	-42.93
3347.06	-43.39	3373.16	-43.45	3394.78	-43.83	3417.22	-43.72	3437.35	-44.38
3466.14	-44.31	3487.16	-44.80	3507.86	-44.74	3528.60	-44.89	3549.87	-45.37
3575.15	-45.49	3604.66	-45.94	3627.66	-45.98	3659.68	-46.06		
R-103	1978	1762295.05	661148.26	60.00	14.42				
	19OCT23	20OCT23	151 00	22 129					

002.95	15.84	003.53	4.96	005.56	4.83	015.00	4.10	034.00	3.50
051.00	2.60	067.00	2.00	086.00	1.40	106.00	0.90	125.00	0.50
145.00	0.30	167.00	-0.10	195.00	-0.50	220.00	-0.80	242.00	-1.20
265.00	-1.40	296.00	-2.10	319.00	-2.30	340.00	-2.60	365.00	-2.90
385.00	-3.30	412.00	-3.40	449.04	-6.26	471.22	-7.24	493.36	-8.04
514.60	-8.69	535.06	-7.62	556.74	-4.61	576.86	-4.14	598.33	-4.58
624.88	-5.27	645.40	-5.38	666.90	-5.92	687.35	-6.40	708.75	-7.11
730.36	-7.89	761.80	-8.38	782.03	-8.98	804.69	-9.29	827.36	-10.02
860.59	-10.70	881.15	-11.03	901.48	-11.54	922.47	-12.04	946.89	-12.51
978.80	-13.17	1000.05	-13.55	1020.80	-14.48	1053.92	-14.39	1074.85	-15.17
1104.63	-15.55	1133.90	-15.47	1153.98	-16.19	1180.54	-16.34	1212.61	-16.28
1247.83	-16.97	1286.64	-16.67	1307.40	-17.23	1331.67	-17.34	1353.19	-16.98
1377.78	-17.60	1399.55	-17.19	1426.75	-17.51	1453.92	-17.42	1474.68	-18.25
1494.88	-17.97	1526.57	-18.10	1546.94	-18.56	1567.08	-18.40	1587.35	-18.72
1609.25	-18.76	1629.62	-19.08	1650.30	-19.06	1672.88	-19.43	1703.47	-19.64
1730.70	-19.84	1751.78	-20.52	1772.05	-20.83	1800.46	-20.73	1821.60	-20.90
1841.75	-21.26	1863.34	-21.12	1884.15	-21.37	1923.07	-22.45	1953.54	-22.61
1975.60	-23.16	1998.22	-23.49	2020.56	-23.83	2059.19	-24.56	2081.72	-24.39
2102.52	-25.19	2139.59	-25.67	2159.80	-26.02	2181.58	-26.35	2206.23	-26.20
2226.88	-26.62	2247.15	-27.22	2279.90	-27.57	2300.14	-28.04	2320.40	-28.39
2341.00	-28.50	2379.90	-29.05	2400.52	-29.24	2422.92	-29.66	2444.03	-30.17
2473.15	-30.72	2496.66	-31.07	2522.22	-31.39	2542.84	-31.68	2576.98	-31.88
2597.46	-32.56	2627.54	-33.21	2654.44	-34.02	2677.39	-33.82	2717.84	-34.23

2738.72	-34.85	2773.94	-35.07	2794.30	-35.70	2814.64	-36.09	2834.78	-36.12
2856.43	-36.84	2881.65	-37.39	2903.78	-37.55	2942.70	-38.39	2964.37	-38.08
2984.90	-38.40	3005.11	-39.00	3026.40	-39.30	3064.28	-39.58	3085.07	-40.02
3108.73	-40.18	3130.97	-40.73	3159.86	-40.96	3190.70	-41.49	3225.94	-42.04
3247.08	-41.79	3267.25	-42.35	3290.64	-42.92	3314.45	-42.45	3336.45	-43.63
3356.98	-43.04	3382.32	-43.77	3413.54	-44.11	3448.55	-43.84	3469.14	-44.25
3495.18	-44.63	3516.15	-44.62	3537.85	-45.17	3558.87	-45.08	3579.30	-46.01
3601.65	-45.70								

R-104	1988	1761298.03	661517.58	60.00	16.35
	19OCT23	20OCT23	149 00 24 125		

010.91	16.38	029.27	14.73	045.45	9.49	063.10	5.92	070.00	5.20
085.00	4.50	100.00	3.90	123.00	2.80	143.00	1.90	165.00	1.20
186.00	0.70	208.00	0.30	231.00	-0.10	256.00	-0.30	280.00	-0.60
300.00	-0.90	325.00	-1.30	353.00	-1.50	378.00	-1.80	400.00	-2.20
423.00	-2.50	448.00	-3.10	474.00	-4.10	495.00	-4.70	549.27	-7.53
570.19	-8.20	590.47	-8.62	612.26	-9.41	632.73	-10.24	652.88	-11.10
673.40	-10.93	697.04	-11.02	717.08	-9.98	737.12	-6.13	757.22	-5.12
784.00	-5.34	804.05	-6.36	824.25	-7.11	844.36	-7.69	865.98	-8.13
900.12	-8.56	920.52	-8.93	940.74	-9.53	960.93	-10.40	981.74	-11.17
1002.73	-11.77	1023.09	-12.34	1044.77	-12.64	1066.10	-13.03	1087.73	-13.42
1108.08	-14.15	1134.16	-14.51	1154.48	-15.09	1175.43	-15.49	1200.60	-15.74
1222.54	-16.16	1246.40	-16.30	1269.46	-16.54	1290.04	-16.85	1311.87	-16.84
1332.79	-17.37	1367.59	-17.47	1390.00	-17.44	1424.37	-17.72	1447.54	-17.78
1479.41	-18.29	1502.61	-18.36	1524.03	-18.35	1546.48	-18.42	1571.87	-18.77
1612.01	-18.89	1632.78	-18.82	1653.64	-18.89	1673.69	-19.18	1698.61	-19.21
1732.36	-19.70	1754.32	-19.83	1778.24	-19.95	1804.00	-19.89	1832.35	-20.11
1853.82	-20.27	1875.54	-20.71	1904.34	-20.85	1931.27	-21.29	1967.84	-21.47
2000.09	-21.90	2020.11	-22.21	2040.39	-22.35	2066.48	-22.73	2086.52	-23.14
2106.82	-23.55	2144.34	-24.02	2182.78	-24.45	2203.85	-24.86	2225.16	-25.08
2249.07	-25.64	2271.11	-26.15	2295.02	-26.17	2315.22	-26.71	2336.21	-27.14
2360.65	-27.44	2387.53	-27.70	2407.53	-28.00	2428.26	-28.43	2448.80	-28.91
2469.80	-29.44	2504.59	-29.89	2528.90	-30.30	2553.36	-30.78	2586.47	-31.13
2607.95	-31.53	2628.42	-32.30	2651.62	-32.73	2674.72	-33.05	2712.42	-33.33
2732.68	-33.76	2772.81	-34.77	2794.20	-34.94	2816.50	-34.99	2840.57	-35.29
2878.23	-36.50	2899.27	-36.27	2921.06	-36.87	2941.67	-37.60	2977.89	-38.01
2998.36	-38.42	3034.20	-38.96	3056.86	-39.06	3078.30	-39.39	3100.46	-39.94
3122.38	-40.29	3144.98	-40.11	3170.16	-40.49	3192.44	-40.97	3230.26	-41.78

3268.29	-41.90	3297.64	-42.11	3317.86	-42.53	3343.86	-42.73	3366.15	-43.20
3401.92	-43.65	3424.04	-43.83	3463.28	-44.41	3483.86	-44.68	3524.06	-45.25
3546.31	-44.93	3575.62	-45.30	3607.55	-45.42	3629.38	-45.82		
R-105	1972	1760430.12	661950.56	60.00	16.11				
	11SEP23	20OCT23	153 00 23 130						

-020.90	18.85	-020.79	16.65	-007.69	12.69	011.28	8.96	017.61	7.07
023.67	6.02	042.12	4.93	061.17	3.96	079.97	3.17	100.49	2.63
119.85	1.83	139.54	1.17	159.60	0.62	179.04	0.23	197.57	0.01
219.90	-0.23	239.31	-0.33	261.24	-0.48	282.22	-0.81	302.72	-1.17
331.16	-1.68	362.31	-2.33	391.81	-2.95	421.04	-3.01	441.12	-3.85
461.16	-4.83	481.54	-5.66	519.16	-7.41	541.61	-8.02	563.14	-8.99
585.44	-9.39	605.68	-9.11	625.82	-9.06	652.68	-10.17	673.98	-10.42
696.44	-10.35	716.78	-9.53	737.07	-6.95	762.82	-5.90	801.59	-6.20
821.94	-7.19	843.56	-7.79	874.33	-8.26	897.38	-9.09	918.30	-9.62
939.48	-10.14	959.75	-10.81	996.68	-11.84	1017.54	-12.27	1037.56	-12.96
1057.83	-13.28	1095.48	-14.20	1116.76	-14.62	1138.41	-15.14	1162.69	-15.35
1187.17	-16.08	1210.55	-16.21	1247.56	-16.61	1286.90	-16.47	1308.28	-16.79
1328.52	-16.70	1365.26	-16.88	1385.84	-17.21	1408.46	-17.07	1434.28	-17.02
1454.74	-17.52	1476.01	-17.66	1509.12	-17.64	1530.81	-18.08	1552.74	-17.98
1580.94	-18.24	1607.91	-18.10	1630.07	-18.30	1667.40	-18.80	1690.63	-18.80
1710.85	-19.36	1731.14	-19.27	1764.66	-19.53	1788.88	-19.74	1819.46	-20.08
1844.91	-20.36	1867.24	-20.30	1887.83	-20.75	1907.94	-21.69	1942.01	-21.35
1962.31	-21.77	1991.22	-22.05	2012.50	-22.75	2034.34	-22.46	2061.22	-23.20
2081.32	-23.51	2116.21	-24.05	2146.66	-24.43	2167.20	-24.85	2187.92	-25.79
2208.16	-25.37	2228.48	-25.63	2249.15	-26.21	2269.17	-26.21	2289.53	-26.76
2311.44	-27.29	2332.29	-28.36	2352.50	-28.23	2374.55	-28.19	2395.53	-28.83
2416.41	-28.97	2446.45	-29.27	2473.32	-29.89	2493.67	-30.22	2514.40	-30.80
2541.93	-31.05	2562.08	-31.53	2582.19	-31.82	2616.02	-32.37	2641.14	-32.46
2661.22	-33.14	2692.02	-33.76	2712.86	-33.93	2746.30	-34.52	2776.22	-34.96
2796.57	-35.76	2824.03	-35.71	2844.89	-36.38	2874.84	-36.39	2895.32	-37.20
2927.90	-37.45	2948.94	-37.72	2971.18	-37.85	2991.64	-38.51	3016.82	-39.26
3048.93	-39.50	3086.46	-40.28	3119.84	-40.44	3141.86	-40.59	3164.08	-41.66
3187.57	-41.15	3207.70	-42.05	3233.51	-41.88	3254.03	-42.28	3282.00	-42.98
3315.88	-43.32	3338.66	-43.08	3358.87	-43.64	3378.92	-43.91	3411.08	-44.16
3435.41	-44.48	3455.74	-44.67	3485.62	-44.98	3505.94	-45.73	3526.30	-45.23
3546.73	-45.50	3566.86	-45.88	3595.02	-46.12				
R-106	1972	1759516.58	662334.09	60.00	19.25				

11SEP23 20OCT23 152 00 26 126

002.04	18.74	008.53	17.55	012.13	17.99	017.77	17.75	043.61	12.27
061.72	6.32	073.19	5.72	090.83	4.90	107.38	4.10	120.71	3.49
140.13	2.82	161.40	2.10	181.68	1.46	202.40	0.90	222.69	0.53
242.76	0.22	262.87	-0.04	282.96	-0.26	305.12	-0.50	323.91	-0.75
345.37	-1.09	371.94	-1.48	395.49	-1.87	427.25	-2.90	454.57	-3.72
473.94	-4.72	569.13	-5.21	589.41	-6.40	609.50	-7.00	631.33	-7.30
659.99	-8.28	680.98	-8.97	704.02	-8.73	726.30	-9.09	754.80	-9.15
775.44	-9.31	795.64	-8.80	815.94	-7.97	837.14	-7.23	858.67	-7.14
886.89	-7.63	909.07	-8.07	929.80	-8.50	963.35	-9.24	996.39	-9.92
1017.54	-10.51	1037.70	-11.14	1057.98	-11.89	1078.17	-12.51	1108.73	-13.36
1129.18	-14.04	1149.54	-14.26	1170.58	-14.73	1192.55	-15.35	1214.13	-15.56
1234.22	-15.55	1258.14	-15.84	1280.62	-16.10	1300.83	-16.48	1321.05	-16.54
1357.20	-16.68	1378.31	-16.76	1416.06	-17.43	1436.78	-17.57	1464.50	-17.30
1489.08	-17.32	1512.00	-17.41	1532.66	-17.60	1555.42	-17.88	1575.86	-17.82
1607.08	-18.67	1631.24	-18.34	1665.08	-18.27	1705.11	-18.76	1725.88	-18.98
1765.69	-19.18	1795.47	-19.48	1829.12	-19.79	1850.16	-20.29	1873.06	-20.40
1894.67	-20.40	1926.08	-21.11	1946.38	-21.15	1966.43	-21.38	1986.94	-21.71
2008.37	-22.08	2031.10	-21.91	2053.45	-22.26	2073.92	-22.68	2102.35	-23.02
2122.48	-23.46	2156.22	-24.09	2180.30	-24.40	2211.54	-24.78	2232.48	-25.17
2261.70	-25.60	2282.23	-26.04	2305.53	-26.39	2331.64	-26.82	2371.26	-27.66
2405.37	-28.04	2440.10	-28.56	2460.56	-28.97	2481.02	-29.28	2506.36	-29.81
2526.45	-30.09	2548.02	-30.66	2569.87	-30.89	2589.96	-31.34	2628.20	-31.80
2649.56	-31.90	2669.58	-32.55	2689.58	-33.03	2713.43	-32.86	2751.27	-33.69
2772.78	-34.31	2798.22	-34.53	2818.50	-35.27	2845.97	-35.76	2872.79	-36.03
2906.15	-36.30	2926.60	-36.98	2949.31	-37.25	2976.08	-37.49	2996.12	-38.08
3017.66	-38.58	3040.90	-38.93	3065.60	-39.27	3100.10	-39.57	3120.24	-40.10
3149.85	-40.21	3170.58	-40.60	3190.91	-41.18	3217.31	-41.64	3246.82	-41.83
3267.05	-42.55	3296.23	-42.36	3316.60	-42.64	3336.77	-42.92	3358.54	-43.44
3379.65	-44.00	3414.56	-44.01	3450.95	-44.63	3479.96	-44.96	3500.13	-45.52
3530.61	-45.07	3550.91	-45.47	3572.10	-45.72	3593.26	-45.83	3621.30	-45.96
3653.25	-46.30	3674.92	-46.71						
R-107	1988	1758700.72	662829.35	60.00	10.39				
	11SEP23	20OCT23	145 00 20 125						
-005.39	24.99	-000.87	5.72	014.32	4.55	030.28	3.68	050.30	2.91
070.74	1.89	093.06	1.21	113.49	0.62	136.18	0.23	157.37	-0.06

179.25	-0.28	199.68	-0.58	220.77	-0.78	242.92	-0.89	264.12	-1.09
293.31	-1.75	323.29	-2.93	355.92	-4.08	375.59	-5.64	377.17	-6.17
491.30	-7.23	514.07	-7.22	535.06	-6.37	556.30	-5.61	584.80	-5.13
622.89	-4.84	647.86	-5.48	669.88	-6.11	690.08	-6.79	710.38	-7.43
730.48	-8.29	751.82	-8.72	780.09	-9.06	801.22	-9.72	821.56	-10.07
841.74	-10.54	864.11	-11.11	902.57	-11.98	923.61	-12.70	945.76	-12.86
968.41	-13.26	994.32	-13.91	1016.63	-13.99	1038.56	-14.34	1058.87	-14.83
1079.46	-15.25	1103.19	-15.56	1129.39	-15.55	1156.60	-15.98	1177.23	-16.34
1199.28	-16.59	1235.77	-16.33	1256.02	-16.91	1292.55	-17.22	1316.06	-17.26
1342.19	-17.02	1370.87	-17.11	1390.99	-17.49	1415.95	-17.47	1436.56	-17.31
1472.81	-17.65	1493.18	-17.83	1514.26	-18.16	1551.38	-18.45	1572.42	-18.83
1602.39	-18.83	1623.08	-19.03	1657.42	-19.01	1679.82	-19.37	1705.50	-19.23
1725.82	-19.42	1746.68	-19.88	1772.59	-20.46	1793.71	-20.84	1833.56	-20.99
1853.60	-21.21	1874.08	-21.56	1896.86	-21.51	1923.71	-21.75	1944.20	-22.05
1964.82	-22.72	1985.12	-23.03	2006.90	-23.29	2037.11	-23.60	2058.17	-24.57
2092.78	-24.24	2113.42	-24.57	2133.89	-24.84	2157.00	-25.59	2187.89	-25.90
2209.91	-26.33	2240.18	-26.72	2260.66	-27.31	2293.42	-27.64	2315.48	-28.48
2349.24	-28.50	2369.57	-28.97	2402.14	-29.44	2422.17	-29.99	2443.82	-30.43
2469.73	-30.63	2497.77	-31.30	2518.50	-32.20	2556.66	-32.31	2579.89	-33.01
2618.85	-33.42	2644.31	-34.10	2677.86	-34.42	2698.24	-35.01	2718.64	-35.52
2755.21	-35.87	2775.93	-36.19	2796.82	-36.83	2827.79	-37.48	2864.60	-37.74
2885.11	-38.34	2906.56	-38.66	2928.77	-39.06	2950.87	-39.51	2971.61	-39.96
2991.90	-40.40	3013.11	-40.22	3038.33	-40.73	3064.59	-41.19	3086.85	-41.28
3109.68	-41.94	3129.86	-42.17	3150.91	-43.14	3194.40	-42.96	3214.65	-43.57
3240.66	-43.38	3260.91	-43.96	3281.09	-44.77	3320.88	-44.87	3341.45	-45.27
3374.35	-45.30	3394.39	-46.29	3426.69	-45.87	3447.18	-46.33	3467.46	-46.78
3487.74	-47.57	3508.16	-47.81	3532.23	-48.35	3569.24	-48.55	3606.05	-48.56
R-108	1987	1757815.36	663247.57	60.00	9.16				
	11SEP23	20OCT23	148 00	19 129					

-010.14	24.56	-004.80	5.76	002.34	5.30	020.83	4.12	039.90	3.17
060.62	2.44	081.94	1.64	104.09	0.94	125.00	0.47	147.77	0.08
169.96	-0.12	192.08	-0.35	214.23	-0.71	236.71	-1.09	257.84	-1.50
286.32	-1.97	320.09	-2.79	354.76	-4.07	372.06	-5.06	395.16	-5.19
415.64	-5.62	436.70	-6.31	457.48	-6.76	477.92	-7.45	498.72	-7.75
537.26	-8.13	558.03	-8.45	578.20	-8.79	598.55	-9.12	620.28	-9.22
642.10	-9.05	668.91	-9.30	689.03	-9.19	709.40	-8.70	729.52	-7.84
749.58	-7.17	782.04	-7.14	804.00	-8.06	824.22	-9.18	847.06	-9.81

879.49	-10.47	908.24	-10.75	928.38	-11.44	948.55	-11.94	987.76	-13.37
1008.14	-14.05	1029.31	-14.64	1052.18	-14.82	1093.29	-15.36	1113.70	-15.59
1133.95	-16.03	1154.40	-16.00	1176.98	-16.09	1197.42	-16.34	1218.60	-16.61
1249.29	-16.75	1270.72	-17.11	1304.70	-17.44	1340.01	-17.38	1372.73	-17.55
1393.26	-17.75	1413.71	-18.07	1436.00	-17.86	1458.88	-18.35	1498.62	-18.42
1536.05	-18.54	1556.11	-18.68	1576.79	-19.05	1612.58	-19.38	1646.82	-19.73
1667.04	-19.71	1693.45	-19.98	1731.89	-20.29	1752.38	-20.62	1772.48	-20.80
1806.44	-21.14	1826.71	-21.33	1847.57	-21.92	1868.08	-22.21	1889.26	-22.21
1926.21	-22.83	1947.23	-22.98	1967.69	-23.30	1988.05	-23.85	2008.61	-24.15
2028.68	-24.54	2049.36	-24.81	2070.16	-25.29	2090.39	-25.68	2118.23	-25.87
2139.57	-26.47	2160.73	-26.84	2185.30	-27.08	2205.77	-27.32	2226.54	-27.56
2249.17	-28.02	2274.12	-28.47	2294.56	-29.05	2315.59	-29.02	2336.36	-29.45
2358.95	-29.84	2381.34	-30.32	2406.00	-30.50	2428.91	-30.73	2453.00	-31.46
2492.57	-31.76	2512.60	-32.11	2533.33	-32.75	2556.67	-33.13	2585.28	-33.18
2621.30	-33.63	2644.15	-34.13	2668.31	-34.47	2696.22	-34.72	2718.21	-34.97
2739.31	-35.43	2759.66	-35.88	2797.84	-36.29	2825.07	-36.71	2847.52	-36.72
2868.01	-37.14	2889.02	-37.45	2928.18	-38.07	2959.07	-38.59	2989.23	-38.58
3023.14	-38.89	3046.91	-39.60	3068.76	-39.91	3102.12	-40.34	3129.41	-40.74
3156.64	-40.84	3195.90	-42.59	3229.60	-41.39	3250.12	-42.07	3279.36	-41.85
3300.20	-42.17	3323.55	-41.92	3356.86	-41.84	3377.74	-42.22	3399.00	-42.60
3420.24	-42.64	3441.34	-42.66	3469.93	-43.04	3523.86	-43.36	3545.58	-44.11
3565.62	-44.29	3591.96	-44.28	3613.72	-44.70				
R-109		1756926.57	663665.38	60.00	8.62				
	11SEP23	20OCT23	145 00	19 126					

-008.82	25.35	-000.40	5.63	017.48	4.43	029.74	3.60	050.56	2.67
070.26	1.77	089.84	0.82	110.49	0.25	132.21	-0.17	153.29	-0.41
174.19	-0.57	197.76	-0.98	219.87	-1.26	240.92	-1.63	274.51	-2.15
307.19	-2.59	335.14	-3.34	374.83	-4.61	396.76	-6.11	446.34	-6.21
466.36	-7.62	490.30	-8.71	516.90	-9.46	537.08	-9.84	561.92	-10.06
582.16	-10.29	602.43	-10.03	624.53	-9.82	645.33	-6.91	667.04	-5.25
687.56	-5.17	713.12	-5.83	733.21	-6.66	758.21	-7.28	783.64	-8.08
809.44	-8.72	833.75	-9.51	855.99	-10.07	876.62	-10.76	897.96	-11.39
918.97	-11.92	944.71	-12.35	978.49	-13.12	998.50	-14.48	1023.71	-14.60
1044.14	-15.20	1070.98	-15.13	1091.38	-15.68	1119.46	-16.05	1140.05	-15.90
1162.20	-16.69	1182.72	-16.32	1217.96	-16.58	1239.92	-16.97	1261.62	-16.77
1282.65	-17.20	1302.90	-17.35	1335.76	-17.60	1356.23	-17.41	1378.68	-17.66
1401.69	-17.46	1423.80	-17.61	1454.51	-18.29	1476.43	-18.00	1497.45	-18.45

1519.58	-18.51	1541.11	-18.34	1562.28	-18.34	1586.24	-18.72	1609.86	-19.06
1643.14	-19.12	1676.79	-19.53	1697.08	-19.76	1719.01	-19.92	1739.52	-20.16
1776.60	-20.84	1796.74	-20.81	1825.65	-20.87	1849.06	-21.24	1888.10	-22.12
1909.32	-22.16	1929.44	-22.85	1960.75	-22.78	1982.31	-23.31	2011.29	-23.73
2039.37	-23.84	2059.76	-24.68	2079.95	-25.03	2101.02	-25.25	2121.61	-25.60
2143.50	-26.25	2183.22	-26.18	2203.50	-26.45	2225.48	-27.30	2246.32	-27.46
2266.80	-28.08	2286.92	-28.18	2308.29	-28.80	2328.63	-28.70	2365.07	-29.46
2401.08	-29.61	2423.64	-30.33	2443.73	-30.89	2471.95	-31.10	2492.90	-31.94
2530.90	-32.08	2565.40	-32.67	2592.71	-33.50	2630.92	-33.33	2651.63	-34.01
2671.80	-34.55	2699.82	-34.56	2719.86	-35.20	2743.32	-35.61	2768.28	-35.77
2791.04	-36.25	2811.30	-36.69	2835.10	-36.97	2857.33	-37.58	2881.00	-37.72
2918.00	-38.14	2943.50	-38.50	2964.66	-38.95	2984.82	-39.31	3008.31	-39.74
3043.50	-39.70	3063.51	-40.23	3083.60	-40.75	3120.37	-41.16	3146.26	-41.29
3170.18	-42.24	3198.10	-41.52	3219.44	-42.14	3244.29	-42.64	3268.04	-42.36
3290.56	-43.09	3311.24	-43.09	3332.87	-43.54	3358.96	-43.38	3381.37	-43.84
3401.78	-43.76	3432.73	-43.71	3453.79	-44.76	3474.32	-44.55	3501.04	-44.77
R-110	1987	1755995.39	664109.38	60.00	7.50				
	11SEP23	20OCT23	150 00 19 131						

-006.52	14.93	-005.65	4.56	008.71	4.68	029.47	4.59	047.87	3.29
063.50	2.51	082.16	1.62	099.99	0.97	120.73	-0.10	140.21	-0.35
160.88	-0.48	181.21	-0.67	202.13	-0.96	221.77	-1.38	249.51	-1.97
284.42	-2.64	306.71	-3.02	330.70	-3.00	356.51	-3.68	395.06	-3.73
415.12	-4.80	448.08	-6.53	468.76	-7.49	490.08	-8.15	510.36	-8.55
530.40	-8.96	552.20	-9.27	572.98	-9.03	593.11	-8.47	613.57	-7.75
634.06	-7.20	654.08	-6.75	674.59	-6.02	699.64	-5.65	720.94	-5.92
740.98	-6.52	761.02	-7.18	793.84	-8.34	814.22	-8.71	834.62	-9.55
854.78	-10.17	875.29	-10.52	903.32	-11.18	923.66	-11.74	945.66	-12.36
966.56	-12.70	986.97	-13.16	1007.72	-13.65	1028.06	-14.08	1054.03	-14.46
1074.20	-14.81	1095.13	-15.72	1116.69	-15.83	1148.20	-16.27	1169.98	-16.61
1191.02	-16.51	1228.38	-16.90	1250.61	-16.74	1271.00	-16.84	1291.16	-17.29
1312.60	-17.23	1338.82	-17.39	1362.72	-17.60	1391.64	-17.56	1412.28	-17.69
1434.47	-17.75	1454.74	-17.76	1474.78	-17.85	1503.02	-18.31	1534.31	-18.51
1562.63	-18.68	1587.88	-18.93	1619.58	-19.10	1641.92	-19.42	1664.24	-19.46
1686.53	-19.88	1706.91	-19.72	1727.88	-20.07	1749.48	-20.07	1770.02	-20.43
1790.96	-20.80	1811.23	-20.93	1832.51	-21.04	1853.05	-21.55	1875.35	-21.66
1898.06	-21.95	1924.92	-22.27	1946.19	-22.62	1980.64	-22.96	2001.10	-23.31
2022.78	-23.86	2044.25	-23.97	2064.59	-24.29	2086.05	-24.71	2106.68	-25.26

2135.41	-25.43	2171.75	-26.12	2199.37	-26.69	2228.30	-26.87	2249.71	-27.62
2297.99	-28.08	2318.65	-28.49	2340.67	-29.12	2362.32	-29.38	2392.10	-29.62
2430.30	-30.41	2450.86	-30.84	2471.07	-30.99	2498.50	-31.17	2524.20	-31.84
2544.53	-32.29	2570.54	-32.36	2591.17	-32.88	2616.60	-33.24	2638.20	-34.04
2658.40	-34.16	2691.60	-34.62	2712.22	-35.06	2736.06	-35.43	2760.16	-35.64
2783.70	-36.55	2805.12	-36.57	2826.28	-37.16	2858.94	-37.37	2879.14	-37.73
2900.02	-38.09	2920.27	-38.54	2952.67	-39.28	2974.97	-39.70	2997.45	-40.36
3017.52	-40.78	3057.31	-40.71	3089.55	-41.28	3109.68	-41.68	3139.78	-42.14
3162.32	-42.23	3197.53	-42.49	3219.64	-42.96	3247.72	-43.59	3268.21	-43.62
3289.07	-44.05	3311.26	-44.29	3334.90	-44.36	3365.25	-44.50	3385.93	-44.96
3406.26	-45.41	3436.76	-45.72	3459.72	-46.66	3484.31	-46.16	3509.83	-46.46
R-111	1987	1755230.36	664464.70	60.00	12.67				
	11SEP23	20OCT23	153 00	22 131					

-002.62	12.79	-001.40	12.79	-000.61	5.41	017.69	4.88	034.87	4.38
050.41	3.72	066.47	2.92	083.87	2.08	100.04	1.45	120.44	0.48
142.92	0.08	163.47	-0.10	185.79	-0.28	207.94	-0.44	230.19	-0.67
251.15	-0.97	272.74	-1.23	297.22	-1.60	330.30	-2.07	362.72	-2.75
388.99	-3.54	413.11	-4.13	440.42	-5.77	460.84	-6.42	481.03	-7.29
509.24	-7.75	530.78	-8.50	559.46	-8.86	579.60	-9.83	600.00	-9.30
636.31	-9.02	656.48	-8.60	677.36	-7.90	697.54	-7.05	720.70	-6.65
740.72	-6.78	760.90	-7.10	781.08	-7.61	802.78	-8.40	842.78	-9.10
865.47	-9.65	885.58	-10.02	906.07	-10.56	926.51	-11.41	962.20	-12.26
982.59	-12.73	1003.44	-13.17	1023.74	-13.83	1043.76	-14.40	1070.40	-14.68
1092.05	-15.02	1116.79	-15.48	1148.43	-15.71	1170.51	-16.04	1195.22	-16.26
1215.96	-16.37	1237.02	-16.83	1265.62	-16.84	1290.41	-16.90	1319.14	-17.16
1347.44	-16.98	1368.68	-17.06	1390.47	-17.47	1413.86	-17.83	1437.34	-17.90
1474.28	-18.13	1501.01	-18.33	1521.91	-18.59	1544.08	-18.34	1567.30	-18.63
1588.54	-18.98	1615.19	-18.98	1639.62	-18.81	1660.92	-19.28	1682.76	-19.45
1704.37	-19.82	1725.04	-20.21	1749.32	-20.30	1771.86	-20.46	1794.67	-20.58
1815.36	-20.96	1851.88	-21.44	1879.42	-22.00	1900.66	-22.37	1922.30	-22.66
1944.64	-22.78	1966.30	-23.01	1998.29	-23.01	2019.18	-23.59	2039.40	-23.83
2059.74	-24.16	2080.15	-24.74	2108.04	-25.10	2128.25	-25.35	2149.12	-25.73
2170.38	-26.13	2197.41	-26.53	2219.32	-26.65	2239.67	-27.03	2260.68	-27.65
2281.72	-27.86	2313.45	-28.44	2336.64	-28.83	2356.70	-28.96	2377.70	-29.65
2398.00	-29.87	2420.55	-30.04	2441.38	-30.50	2466.66	-30.73	2487.41	-31.12
2522.70	-31.94	2544.40	-32.03	2574.91	-32.75	2594.97	-33.00	2615.28	-33.55
2654.33	-34.17	2676.76	-34.84	2715.28	-35.08	2736.30	-35.40	2756.65	-35.96

2776.71	-36.13	2809.16	-36.75	2829.30	-37.41	2849.44	-37.93	2869.93	-38.82
2890.63	-39.04	2928.76	-39.76	2948.95	-40.50	2970.17	-40.55	2990.75	-41.63
3013.36	-41.84	3051.58	-42.30	3071.78	-42.87	3098.25	-42.88	3119.12	-43.19
3149.70	-43.76	3169.79	-43.66	3192.28	-43.91	3228.02	-43.58	3254.03	-44.12
3290.55	-44.09	3325.05	-44.13	3346.82	-43.73	3368.11	-43.59	3389.10	-44.14
3421.48	-44.01	3441.84	-44.25	3462.70	-44.15	3496.47	-44.55	3518.88	-44.72
3543.42	-45.32	3566.63	-45.56	3594.95	-45.87				
R-112	1987	17544	12.73	664845.57	60.00	15.66			
	08SEP23	20OCT23	153 00	24 129					

000.16	16.91	000.81	16.86	001.46	4.42	022.04	4.20	038.06	4.50
051.87	4.56	063.15	4.02	082.35	2.76	101.16	1.80	120.55	1.01
140.32	0.55	159.53	0.22	182.17	0.07	204.40	-0.11	227.52	-0.35
250.53	-0.64	272.92	-1.03	295.31	-1.49	316.00	-1.75	338.19	-2.27
365.99	-3.00	392.73	-3.89	413.31	-5.07	429.30	-5.86	468.98	-5.00
489.03	-5.58	520.00	-6.58	540.33	-7.14	562.40	-7.44	582.41	-7.90
603.42	-8.39	623.82	-9.14	643.91	-10.33	664.26	-9.89	684.39	-9.44
705.56	-9.20	733.48	-9.09	754.10	-7.60	779.39	-6.87	814.57	-7.12
834.58	-7.49	864.30	-8.43	884.97	-8.89	908.06	-9.37	928.18	-9.98
948.50	-10.53	968.52	-11.57	993.63	-12.22	1013.97	-12.49	1034.24	-12.91
1054.31	-13.34	1076.02	-14.04	1112.44	-14.98	1132.62	-15.43	1163.83	-15.85
1183.89	-16.32	1217.69	-16.31	1242.08	-16.45	1262.81	-16.71	1303.04	-16.89
1333.70	-16.98	1363.26	-17.27	1383.28	-17.30	1406.12	-17.47	1443.93	-17.96
1466.30	-17.95	1493.02	-18.03	1525.02	-18.26	1545.35	-18.21	1574.26	-18.59
1598.05	-18.71	1624.00	-18.93	1645.00	-19.16	1677.94	-19.21	1698.10	-19.62
1722.62	-19.80	1754.66	-19.95	1774.96	-20.18	1795.17	-20.45	1817.62	-20.83
1838.13	-20.95	1860.12	-21.26	1881.09	-21.63	1921.32	-22.12	1944.10	-22.20
1965.52	-22.52	1985.53	-22.75	2005.70	-23.20	2041.67	-23.59	2062.16	-23.94
2082.41	-24.23	2102.49	-24.69	2131.59	-24.98	2155.36	-25.62	2181.23	-25.82
2201.75	-26.21	2223.90	-26.83	2245.05	-26.89	2266.60	-27.17	2290.00	-27.58
2324.56	-28.05	2345.50	-28.33	2366.56	-28.71	2388.48	-28.96	2408.89	-29.39
2431.94	-29.80	2462.71	-30.29	2483.12	-30.92	2514.57	-31.16	2534.92	-31.76
2557.67	-32.11	2579.10	-32.28	2603.09	-32.29	2623.36	-32.77	2644.64	-33.18
2666.41	-34.31	2702.51	-34.05	2722.99	-34.25	2743.13	-34.55	2763.88	-35.05
2797.39	-35.35	2834.37	-35.79	2855.82	-36.20	2876.18	-36.46	2896.53	-36.87
2921.26	-37.32	2956.18	-37.85	2976.31	-38.06	2998.61	-38.27	3021.40	-38.78
3043.50	-38.91	3078.65	-39.16	3105.98	-39.75	3127.07	-39.87	3147.56	-40.38
3178.26	-40.50	3198.69	-40.92	3219.14	-41.74	3253.12	-42.39	3273.62	-42.62

3306.15	-42.52	3331.70	-43.00	3351.82	-43.51	3373.57	-43.69	3402.30	-43.84
3425.15	-44.31	3450.04	-44.64	3481.41	-45.21	3501.80	-45.43	3523.10	-45.51
3544.05	-45.69	3576.64	-46.05	3614.19	-46.46				
R-113	1978	1753562.59	665238.63	60.00	15.32				
	08SEP23	20OCT23	172 00 27 145						

-003.52	6.62	-000.52	5.39	001.71	5.57	003.05	7.94	010.25	7.71
011.90	4.23	022.16	4.44	034.76	3.99	051.60	3.50	069.34	2.84
085.63	2.07	103.08	1.23	120.25	0.66	140.86	0.08	159.97	-0.21
179.70	-0.37	198.33	-0.58	217.49	-0.81	240.12	-1.02	261.50	-1.29
282.76	-1.53	304.45	-1.80	333.28	-2.29	367.24	-3.40	398.84	-4.43
417.94	-5.40	433.67	-6.15	452.56	-4.81	472.82	-6.67	492.98	-7.66
513.70	-8.38	551.04	-9.46	571.82	-9.57	595.88	-9.66	617.29	-9.43
641.08	-9.13	661.31	-7.82	681.95	-5.90	721.06	-5.70	760.26	-6.48
780.31	-7.61	802.04	-7.95	823.07	-8.53	843.51	-9.28	866.60	-10.07
895.75	-10.51	916.28	-11.09	937.87	-11.55	958.48	-12.15	978.86	-12.72
1001.32	-13.35	1022.45	-13.58	1042.70	-14.13	1063.87	-14.70	1084.07	-14.87
1124.30	-15.34	1146.40	-15.50	1168.14	-15.84	1188.51	-15.85	1217.80	-16.12
1250.38	-16.25	1270.85	-16.38	1292.06	-16.48	1312.56	-16.71	1352.68	-16.99
1372.96	-17.03	1393.54	-16.98	1415.34	-17.02	1435.74	-17.30	1460.14	-17.38
1485.19	-17.45	1505.84	-17.58	1529.86	-17.74	1550.07	-17.87	1575.73	-18.13
1609.39	-18.28	1629.60	-18.39	1651.32	-18.57	1682.55	-18.85	1702.74	-19.08
1724.18	-19.37	1744.59	-19.58	1766.07	-19.75	1798.52	-20.22	1818.80	-20.29
1840.27	-20.53	1861.06	-20.68	1882.44	-20.86	1917.10	-21.39	1937.14	-21.65
1957.24	-21.99	1977.72	-22.20	1998.21	-22.61	2031.27	-22.98	2051.98	-23.29
2072.56	-23.66	2093.12	-24.01	2113.67	-24.25	2148.30	-24.84	2168.41	-25.18
2189.26	-25.51	2209.40	-25.84	2229.46	-26.22	2263.28	-26.72	2283.41	-27.06
2303.93	-27.45	2324.77	-27.75	2345.06	-28.12	2377.97	-28.64	2398.13	-28.99
2418.30	-29.45	2438.53	-29.80	2458.64	-30.09	2492.86	-30.72	2513.83	-31.02
2534.18	-31.48	2554.48	-31.88	2574.96	-32.32	2609.06	-32.84	2629.29	-33.31
2650.22	-33.62	2670.67	-33.99	2690.87	-34.50	2725.46	-35.07	2745.89	-35.47
2766.04	-35.79	2786.42	-36.25	2806.67	-36.59	2839.16	-37.21	2859.59	-37.49
2880.69	-37.92	2900.99	-38.31	2921.84	-38.76	2956.12	-39.38	2976.60	-39.59
2996.90	-40.08	3017.24	-40.42	3037.78	-40.71	3064.68	-40.94	3084.77	-41.35
3104.80	-41.56	3125.91	-41.65	3150.62	-41.94	3181.32	-42.32	3202.31	-42.54
3222.42	-42.59	3242.96	-42.68	3263.42	-42.86	3299.97	-43.08	3320.26	-43.33
3346.25	-43.27	3379.23	-43.44	3399.78	-43.33	3439.14	-44.16	3459.30	-44.71
3479.38	-44.99	3499.68	-45.10	3524.62	-45.61	3545.12	-45.85	3565.70	-46.14

3585.99	-46.48	3606.56	-46.69	3627.05	-46.73	3647.42	-46.58	3673.99	-46.59
3694.59	-46.84	3719.07	-46.81	3754.83	-46.88	3776.92	-47.14	3799.77	-47.33
3827.83	-47.52	3849.20	-47.63						
R-114	1978	1752692.08	665651.23	60.00	8.99				
	08SEP23	20OCT23	163 00 22 141						

003.37	14.89	005.79	14.93	008.10	4.89	013.89	4.52	031.27	3.66
049.90	2.84	067.15	2.05	085.52	1.40	103.44	0.91	119.25	0.48
135.16	0.13	155.28	-0.16	176.36	-0.43	201.22	-0.74	222.13	-1.06
250.64	-1.40	286.24	-1.71	319.68	-2.35	342.53	-3.07	368.47	-3.85
389.21	-4.48	405.75	-5.58	418.42	-4.43	438.43	-5.37	458.73	-6.09
479.87	-6.92	508.91	-7.68	529.43	-8.17	550.71	-8.24	571.04	-8.40
593.11	-8.96	613.19	-8.70	633.30	-9.01	654.23	-8.94	674.70	-8.88
695.52	-8.65	716.26	-8.07	736.55	-7.44	756.84	-7.25	787.38	-7.38
808.95	-7.78	829.25	-8.13	861.19	-8.84	881.22	-9.49	901.82	-10.22
922.12	-10.72	942.27	-11.46	962.46	-11.97	983.01	-12.56	1003.48	-13.04
1023.84	-13.78	1044.09	-14.35	1065.37	-14.69	1098.22	-14.09	1118.28	-14.49
1138.35	-14.76	1158.43	-15.01	1202.62	-15.19	1222.94	-15.33	1250.53	-15.41
1280.74	-15.54	1302.04	-15.69	1327.64	-15.83	1352.90	-15.97	1373.24	-16.20
1394.20	-15.99	1435.78	-16.07	1458.58	-16.21	1479.72	-16.39	1500.86	-16.68
1521.04	-16.82	1541.98	-16.69	1562.98	-16.84	1583.43	-17.14	1615.99	-17.14
1636.06	-17.37	1666.60	-17.66	1686.62	-18.00	1706.95	-18.31	1732.32	-18.34
1752.60	-18.64	1783.75	-19.16	1803.91	-19.34	1824.40	-19.68	1844.69	-19.91
1865.16	-20.05	1901.64	-20.37	1922.15	-20.99	1942.89	-21.24	1963.16	-21.57
1983.28	-21.93	2017.30	-22.52	2037.66	-22.84	2058.86	-22.99	2079.03	-23.31
2099.13	-23.67	2130.33	-24.34	2150.51	-24.60	2173.04	-24.69	2193.80	-25.04
2214.17	-25.69	2243.64	-26.23	2264.23	-26.47	2284.54	-26.70	2304.62	-26.98
2325.02	-27.24	2345.06	-27.77	2384.71	-28.12	2404.88	-28.70	2424.93	-28.95
2445.12	-29.19	2480.47	-29.66	2500.87	-30.00	2520.88	-30.25	2540.91	-30.76
2561.17	-30.88	2594.74	-31.44	2614.77	-31.82	2634.98	-32.14	2656.34	-32.30
2676.36	-32.54	2696.49	-32.96	2725.89	-33.45	2746.35	-33.78	2770.28	-33.89
2791.05	-34.24	2825.61	-34.48	2845.76	-34.80	2865.98	-34.93	2886.92	-35.04
2907.00	-35.42	2930.25	-35.72	2950.63	-35.93	2971.61	-36.00	2991.92	-36.34
3031.18	-36.44	3070.71	-36.93	3097.16	-37.07	3117.59	-37.23	3137.78	-37.41
3159.12	-37.77	3179.49	-38.38	3199.50	-39.04	3219.85	-38.53	3254.06	-38.58
3287.36	-39.34	3308.11	-39.53	3328.33	-39.64	3348.46	-39.86	3368.66	-40.14
3394.44	-40.23	3414.87	-40.51	3435.30	-40.67	3455.56	-40.84	3476.35	-40.98
3496.57	-41.24	3517.10	-41.60	3537.54	-41.46	3572.24	-41.45	3592.58	-41.61

3613.27 -42.05 3633.99 -42.45 3656.08 -42.42
R-115 1978 1751387.96 666240.99 60.00 4.87
08SEP23 20OCT23 162 00 26 136

-057.31	8.95	-033.71	6.97	-017.93	6.26	001.07	5.34	005.18	5.21
026.38	4.74	048.33	4.06	074.08	3.09	092.55	2.34	111.78	1.63
129.43	1.09	148.40	0.60	164.96	0.15	185.49	0.05	207.10	-0.13
228.43	-0.37	249.81	-0.65	271.45	-0.93	293.27	-1.29	315.85	-1.69
346.23	-2.42	376.26	-3.08	403.60	-3.90	426.27	-4.97	446.50	-6.02
457.76	-6.53	466.74	-4.70	487.45	-5.66	531.72	-6.99	554.32	-7.97
575.14	-8.58	595.94	-9.16	616.75	-9.46	636.96	-10.20	669.38	-9.84
689.80	-9.47	709.98	-8.31	730.86	-6.49	756.16	-6.06	776.32	-6.43
797.36	-6.85	818.17	-7.32	838.80	-7.96	868.84	-9.07	889.49	-9.53
912.28	-10.05	934.87	-10.85	955.31	-11.45	985.74	-12.28	1007.13	-12.77
1027.49	-13.23	1047.83	-13.91	1068.08	-14.40	1102.15	-14.95	1122.58	-15.15
1142.97	-15.43	1164.72	-15.88	1201.96	-15.90	1232.71	-16.49	1259.59	-16.50
1279.93	-16.69	1312.45	-16.92	1333.16	-16.78	1365.65	-17.01	1385.95	-17.09
1406.82	-17.03	1426.93	-17.30	1447.45	-17.35	1487.51	-17.43	1507.81	-17.58
1534.25	-17.84	1569.36	-17.95	1590.22	-18.15	1611.02	-18.37	1631.96	-18.39
1653.32	-18.59	1681.37	-18.63	1701.59	-18.97	1722.18	-19.18	1742.90	-19.29
1763.82	-19.53	1798.56	-20.02	1818.87	-20.18	1838.91	-20.38	1859.24	-20.79
1879.58	-21.07	1913.12	-21.37	1933.37	-21.66	1953.56	-21.91	1974.76	-22.18
1994.82	-22.46	2029.47	-22.91	2049.96	-23.19	2070.15	-23.54	2090.34	-23.85
2110.58	-24.21	2144.79	-24.57	2165.76	-24.88	2185.79	-25.37	2205.85	-25.67
2226.31	-25.83	2260.46	-26.49	2281.42	-26.81	2301.88	-27.10	2321.90	-27.57
2342.18	-27.81	2374.95	-28.34	2395.44	-28.61	2415.88	-29.09	2436.00	-29.43
2456.66	-29.71	2489.58	-30.39	2509.88	-30.62	2530.16	-31.07	2550.22	-31.37
2572.12	-31.60	2604.15	-32.32	2624.55	-32.55	2645.32	-32.93	2665.46	-33.42
2685.80	-33.60	2718.94	-34.22	2739.12	-34.38	2759.56	-34.73	2783.62	-35.05
2803.70	-35.46	2824.59	-35.73	2845.27	-36.01	2865.52	-36.35	2887.13	-36.67
2907.33	-36.88	2930.32	-37.08	2966.59	-37.69	2987.10	-38.08	3007.36	-38.26
3033.06	-38.45	3071.99	-38.95	3092.12	-39.14	3112.62	-39.48	3133.97	-39.63
3154.79	-39.98	3174.87	-40.29	3203.78	-40.53	3224.12	-40.61	3244.32	-40.91
3264.88	-41.11	3297.43	-41.48	3317.64	-41.66	3338.39	-41.87	3358.83	-42.02
3378.94	-42.29	3417.29	-42.70	3439.91	-42.76	3465.67	-43.28	3487.16	-43.46
3521.79	-43.60	3542.69	-43.70	3563.26	-43.96	3584.52	-43.99	3604.76	-44.16
3625.10	-44.38	3645.62	-44.44						

R-116 1987 1750874.51 666522.15 60.00 14.62

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-000.74	14.49	001.34	14.64	003.35	4.65	006.74	4.65	023.96	4.66
038.76	4.32	053.71	3.39	071.71	2.57	090.03	1.77	110.52	0.98
137.15	0.33	158.76	-0.04	180.74	-0.36	198.64	-0.63	220.30	-0.94
243.56	-1.30	267.35	-1.52	292.99	-1.87	325.54	-2.46	356.39	-3.23
386.90	-3.19	425.37	-3.81	445.61	-5.15	466.97	-6.54	487.34	-7.65
507.52	-8.31	528.08	-8.48	548.93	-8.46	570.09	-8.61	600.74	-8.81
623.22	-8.78	643.62	-9.27	669.26	-9.68	692.08	-9.36	712.47	-8.00
733.08	-6.05	779.20	-6.23	799.52	-6.87	820.39	-7.39	841.35	-7.96
861.40	-8.62	894.68	-9.53	915.56	-10.15	936.36	-10.73	956.86	-11.62
976.90	-12.27	1006.78	-13.09	1026.91	-13.61	1047.53	-14.14	1067.95	-14.67
1088.78	-14.89	1110.86	-15.16	1138.23	-15.74	1158.24	-16.25	1178.44	-16.56
1205.13	-16.62	1238.18	-16.66	1258.52	-16.76	1279.84	-16.73	1303.93	-16.88
1324.30	-17.02	1345.18	-17.11	1365.32	-17.27	1385.58	-17.38	1406.02	-17.67
1426.47	-17.50	1459.08	-17.78	1479.98	-18.00	1500.27	-17.95	1522.48	-17.93
1542.85	-18.03	1592.24	-18.59	1613.08	-18.67	1634.12	-18.91	1655.37	-19.08
1676.08	-19.44	1696.47	-19.65	1724.87	-19.61	1745.13	-19.86	1765.19	-19.97
1785.52	-20.17	1819.48	-20.88	1839.81	-21.12	1860.18	-21.17	1880.29	-21.64
1900.51	-22.00	1935.54	-22.24	1955.55	-22.42	1975.84	-22.70	1996.20	-22.86
2016.79	-23.38	2050.83	-23.95	2070.92	-24.38	2091.37	-24.59	2111.83	-24.93
2131.96	-25.66	2163.77	-25.62	2186.25	-25.92	2206.45	-26.38	2226.69	-26.79
2247.14	-27.07	2277.35	-27.53	2297.64	-27.99	2317.91	-28.33	2338.02	-28.62
2361.18	-28.71	2381.28	-29.50	2401.70	-29.99	2437.71	-30.25	2457.72	-30.46
2479.34	-30.61	2512.45	-31.49	2532.60	-31.72	2553.36	-32.20	2574.04	-32.62
2594.26	-32.89	2627.12	-33.30	2647.26	-33.53	2667.66	-33.82	2687.92	-34.24
2708.33	-34.60	2737.40	-34.71	2757.71	-35.25	2777.76	-35.96	2800.92	-35.94
2824.67	-35.94	2855.56	-36.75	2875.63	-37.11	2914.92	-37.09	2935.48	-37.49
2955.70	-37.99	2975.91	-38.34	3002.07	-38.53	3022.88	-38.73	3048.35	-38.83
3068.52	-39.28	3088.71	-39.66	3120.26	-39.77	3140.39	-40.21	3160.48	-40.37
3204.30	-40.63	3224.48	-41.07	3244.81	-41.26	3266.57	-41.44	3287.05	-41.72
3307.24	-41.96	3327.98	-42.00	3348.43	-42.28	3380.04	-42.40	3402.57	-42.68
3438.33	-43.24	3458.76	-43.47	3493.86	-43.73	3514.49	-43.91	3539.87	-43.94
3561.29	-44.13	3581.50	-44.35						
R-117	1987	1750071.55	666909.01	60.00	12.44				
	08SEP23	20OCT23	161 00 23 138						
000.77	12.64	002.21	12.30	003.04	5.22	014.71	5.00	032.26	4.40

049.65	3.53	066.73	2.77	083.27	2.11	100.24	1.51	121.33	0.66
142.21	0.20	164.18	-0.06	187.39	-0.34	209.39	-0.55	232.39	-0.66
255.77	-0.87	280.12	-1.28	303.47	-1.65	339.69	-2.58	372.46	-3.44
399.44	-4.52	421.31	-5.72	431.22	-6.42	473.70	-5.70	493.83	-6.94
514.24	-8.10	535.03	-8.67	556.08	-9.41	579.00	-9.64	600.12	-7.69
620.29	-4.86	642.43	-4.05	682.82	-5.15	702.96	-5.73	725.32	-6.37
745.90	-7.60	775.84	-8.42	815.10	-9.16	835.29	-9.58	855.30	-9.94
876.07	-10.43	908.44	-11.30	929.10	-11.83	950.02	-12.36	972.28	-12.89
992.38	-13.62	1013.72	-13.84	1033.79	-14.24	1054.14	-14.68	1074.89	-14.93
1095.07	-15.35	1115.45	-15.50	1135.64	-15.87	1159.53	-15.81	1180.73	-16.09
1200.92	-16.24	1221.82	-16.44	1242.17	-16.55	1276.57	-16.62	1296.98	-16.72
1317.93	-16.88	1338.76	-16.80	1358.99	-16.89	1379.35	-17.06	1399.55	-17.19
1438.95	-17.20	1460.45	-17.46	1480.54	-17.55	1518.19	-17.61	1541.16	-17.72
1562.04	-17.94	1601.18	-18.16	1621.98	-18.21	1643.58	-18.40	1664.19	-18.60
1684.90	-18.72	1719.24	-19.01	1739.92	-19.25	1760.00	-19.41	1780.35	-19.62
1800.38	-19.86	1834.36	-20.39	1854.76	-20.62	1874.90	-20.80	1895.01	-21.16
1915.32	-21.28	1949.79	-21.86	1970.24	-22.17	1991.21	-22.44	2011.36	-22.63
2031.58	-23.07	2066.44	-23.65	2086.86	-23.96	2106.95	-24.32	2127.04	-24.62
2147.88	-24.88	2181.41	-25.49	2201.90	-25.94	2222.40	-26.29	2242.52	-26.45
2262.95	-26.96	2296.85	-27.61	2317.21	-27.85	2337.88	-28.31	2357.98	-28.76
2378.80	-29.06	2412.28	-29.59	2432.49	-29.88	2452.63	-30.27	2472.93	-30.61
2494.40	-31.08	2526.89	-31.57	2547.13	-31.83	2568.56	-32.20	2588.90	-32.57
2609.15	-32.95	2640.10	-33.38	2664.53	-33.87	2684.63	-34.32	2705.05	-34.43
2725.18	-34.69	2756.90	-35.08	2777.09	-35.55	2799.08	-35.74	2819.94	-36.05
2840.01	-36.35	2869.51	-36.71	2889.94	-36.94	2910.39	-37.44	2930.77	-37.68
2951.28	-37.97	2979.16	-38.26	2999.23	-38.51	3019.82	-38.88	3046.06	-39.19
3066.46	-39.31	3086.85	-39.57	3120.34	-40.01	3140.67	-40.31	3160.86	-40.43
3181.68	-40.63	3205.02	-40.77	3228.46	-41.10	3249.26	-41.32	3270.73	-41.60
3301.13	-41.69	3333.53	-41.92	3353.89	-42.10	3374.58	-42.20	3396.64	-42.48
3416.74	-42.57	3451.92	-42.83	3471.96	-43.02	3493.02	-43.38	3513.21	-43.47
3533.44	-43.80	3555.61	-43.99	3576.68	-44.31	3600.31	-44.54	3623.23	-44.77
3645.10	-44.76								
R-118	1978	1749134.62	667340.01	60.00	20.29				
	08SEP23	20OCT23	168 00 24 144						
026.29	15.10	027.14	6.37	034.59	4.66	050.09	4.72	070.20	4.17
088.22	3.55	106.45	2.95	124.21	2.33	140.28	1.80	160.49	0.87
180.20	0.39	200.33	0.13	221.39	-0.16	242.98	-0.39	263.65	-0.64

284.69	-0.95	306.01	-1.35	326.36	-1.57	352.13	-2.14	376.68	-2.69
405.21	-3.69	428.16	-4.52	449.57	-5.75	461.89	-6.84	493.98	-7.06
525.24	-8.27	545.34	-8.46	566.04	-8.67	590.34	-8.64	628.77	-8.72
648.85	-9.04	682.50	-9.39	709.46	-9.84	729.58	-9.51	750.34	-9.17
771.00	-8.38	791.65	-7.41	812.54	-7.08	841.43	-7.26	873.70	-8.04
894.30	-8.66	914.76	-9.49	935.22	-10.12	957.52	-10.88	989.46	-11.67
1009.58	-12.12	1030.25	-12.62	1050.62	-13.22	1070.70	-13.80	1093.92	-14.41
1114.28	-14.79	1134.31	-15.17	1156.28	-15.62	1181.50	-15.84	1201.62	-16.16
1239.89	-16.59	1263.34	-16.82	1285.80	-16.64	1306.09	-16.73	1326.20	-16.94
1362.73	-16.94	1386.80	-17.02	1418.47	-17.03	1451.85	-17.52	1473.62	-17.63
1503.58	-17.62	1524.14	-17.47	1554.90	-17.46	1575.45	-17.60	1596.26	-17.97
1616.32	-18.15	1638.34	-18.18	1658.51	-18.61	1678.67	-18.80	1699.15	-18.68
1728.60	-18.76	1748.78	-19.11	1768.80	-19.26	1799.22	-19.37	1819.70	-19.86
1839.86	-20.13	1860.67	-20.45	1880.84	-20.63	1914.84	-20.93	1935.26	-21.27
1956.19	-21.47	1976.43	-21.82	1996.85	-22.15	2020.61	-22.55	2040.69	-22.97
2061.15	-23.20	2081.29	-23.41	2101.31	-23.77	2133.50	-24.27	2153.85	-24.80
2174.68	-25.35	2195.19	-25.75	2215.76	-26.16	2261.85	-26.60	2282.21	-26.92
2302.45	-27.37	2322.51	-27.66	2342.84	-27.94	2370.17	-28.65	2390.53	-28.96
2410.62	-29.28	2430.64	-29.60	2451.53	-29.91	2471.70	-30.47	2491.87	-30.87
2512.50	-30.93	2532.79	-31.40	2553.03	-31.60	2573.28	-31.98	2608.40	-32.60
2628.54	-32.89	2648.86	-33.25	2668.90	-33.32	2689.78	-33.76	2715.82	-34.44
2735.95	-34.67	2755.98	-34.97	2784.04	-35.30	2804.20	-35.48	2838.18	-36.04
2858.34	-36.23	2878.93	-36.74	2899.79	-36.97	2919.92	-37.10	2941.99	-37.62
2962.02	-37.95	2982.24	-38.07	3002.67	-38.29	3035.96	-38.73	3059.60	-39.06
3079.80	-39.39	3115.96	-39.68	3136.32	-39.90	3157.00	-40.22	3178.53	-40.21
3208.74	-40.65	3229.54	-41.08	3265.58	-41.28	3289.19	-41.43	3309.62	-41.64
3330.45	-42.12	3357.92	-42.16	3377.96	-42.41	3399.30	-43.03	3419.38	-43.30
3451.72	-43.70	3472.07	-44.28	3492.51	-44.46	3531.93	-44.80	3552.47	-45.10
3572.76	-45.40	3597.41	-45.63	3617.44	-45.84	3643.28	-46.00	3664.06	-45.89
3688.39	-46.20	3708.90	-46.53	3730.22	-46.51	3761.12	-46.56	3781.45	-46.97
3802.48	-46.67	3826.10	-46.89	3861.28	-46.90				
R-119	1987	1748427.99	667726.11	60.00	11.81				
	08SEP23	20OCT23	163 00 27 136						
-000.59	14.63	-000.08	14.68	000.27	5.79	010.52	4.66	027.14	4.03
036.87	3.75	049.79	3.19	066.62	2.60	084.74	1.92	103.15	1.32
121.13	0.87	139.88	0.43	160.50	-0.13	180.54	-0.34	199.06	-0.54
219.04	-0.73	241.07	-0.98	264.09	-1.21	285.90	-1.62	307.49	-1.88

329.18	-2.36	357.90	-3.14	388.11	-4.17	408.95	-5.62	414.87	-6.58
416.26	-6.33	430.99	-6.92	463.61	-5.24	488.64	-6.19	510.02	-6.95
534.46	-8.55	555.51	-9.11	576.07	-8.91	596.53	-6.90	617.26	-4.49
645.92	-4.44	666.11	-5.10	687.37	-5.61	710.73	-6.44	731.60	-7.27
759.38	-7.56	787.78	-8.54	811.41	-9.11	831.85	-9.85	852.06	-10.24
886.76	-11.28	908.33	-11.91	930.16	-12.74	952.22	-13.23	973.09	-13.77
1007.84	-14.44	1028.38	-14.94	1048.66	-15.38	1068.84	-15.57	1088.98	-15.92
1116.40	-16.26	1136.64	-16.46	1156.82	-16.73	1177.80	-16.82	1201.41	-17.11
1221.93	-17.16	1256.62	-17.24	1277.08	-17.34	1316.68	-17.30	1341.23	-17.53
1361.47	-17.57	1381.99	-17.47	1402.30	-17.58	1422.44	-17.66	1459.48	-17.74
1479.62	-17.99	1501.08	-18.07	1525.95	-18.17	1546.22	-18.39	1566.41	-18.55
1586.46	-18.48	1620.60	-18.57	1640.80	-18.75	1665.12	-18.91	1693.70	-19.28
1714.20	-19.48	1734.64	-19.71	1755.25	-19.89	1775.71	-20.31	1796.50	-20.41
1834.59	-20.91	1855.00	-21.24	1875.49	-21.38	1895.60	-21.63	1931.10	-22.20
1951.38	-22.47	1971.70	-22.76	1991.88	-23.15	2012.23	-23.47	2045.01	-23.94
2065.26	-24.30	2086.08	-24.72	2106.35	-25.06	2128.09	-25.35	2159.38	-26.08
2180.30	-26.31	2201.26	-26.55	2221.68	-26.98	2241.75	-27.44	2277.17	-28.01
2298.08	-28.34	2318.29	-28.79	2338.46	-29.22	2358.67	-29.48	2393.07	-30.04
2413.40	-30.39	2433.48	-30.78	2453.62	-31.23	2473.64	-31.53	2509.44	-32.13
2529.83	-32.46	2550.19	-32.82	2570.60	-33.16	2590.65	-33.41	2624.37	-34.13
2644.46	-34.42	2664.75	-34.66	2684.94	-35.03	2705.40	-35.33	2736.03	-35.89
2756.11	-36.08	2776.98	-36.36	2797.35	-36.72	2817.69	-37.05	2837.88	-37.34
2874.16	-37.80	2894.27	-38.04	2914.58	-38.38	2935.05	-38.58	2975.30	-39.20
2995.46	-39.41	3015.92	-39.78	3036.34	-40.04	3073.66	-40.35	3095.73	-40.62
3115.90	-40.84	3140.64	-40.99	3160.68	-41.24	3180.86	-41.50	3207.34	-41.71
3227.38	-41.92	3248.48	-42.10	3282.08	-42.37	3308.68	-42.63	3329.24	-42.85
3349.34	-43.16	3372.29	-43.37	3398.35	-43.42	3425.14	-43.83	3445.16	-43.97
3465.59	-44.17	3486.05	-44.34	3513.59	-44.72	3551.05	-44.96	3571.50	-45.29
3591.67	-45.51	3611.97	-45.80	3632.76	-45.60				
R-120	1987	1747438.33	668184.69	60.00	16.95				
	08SEP23	20OCT23	163 00	23 140					
-000.86	16.88	000.36	16.87	001.95	5.02	015.63	4.21	031.79	4.38
049.30	4.57	066.66	4.70	082.76	3.74	099.63	2.53	114.13	1.77
130.19	1.05	150.12	0.15	172.20	-0.25	191.25	-0.48	213.71	-0.91
236.39	-1.25	256.96	-1.62	280.69	-2.19	318.21	-2.92	352.02	-3.54
381.90	-3.71	415.67	-4.31	435.57	-5.65	468.82	-6.09	489.46	-7.33
509.96	-8.12	531.01	-8.61	560.08	-8.76	588.06	-8.62	613.69	-8.65

634.07	-7.88	654.89	-7.24	674.99	-6.74	695.67	-5.78	729.67	-5.33
749.75	-5.96	769.80	-6.69	789.99	-7.41	819.74	-8.80	839.77	-9.23
861.64	-9.79	883.08	-10.23	903.40	-10.61	938.49	-11.45	959.42	-12.17
979.51	-12.68	1000.93	-13.14	1021.10	-13.58	1058.98	-14.19	1079.20	-14.67
1101.19	-14.92	1121.40	-15.35	1141.88	-15.60	1171.13	-15.61	1191.47	-15.84
1213.00	-16.25	1239.00	-16.30	1276.15	-16.25	1296.42	-16.21	1320.04	-16.40
1341.14	-16.56	1366.16	-16.59	1397.72	-17.16	1417.95	-17.25	1449.91	-17.33
1482.73	-17.16	1504.45	-17.40	1524.88	-17.52	1545.10	-17.62	1567.47	-17.64
1591.24	-17.99	1611.41	-18.09	1631.43	-18.37	1652.27	-18.51	1672.76	-18.75
1693.07	-19.19	1713.19	-19.26	1747.27	-19.57	1767.49	-19.62	1788.93	-19.82
1809.26	-20.08	1829.62	-20.46	1861.26	-21.04	1881.66	-21.52	1901.72	-21.83
1921.93	-22.06	1944.42	-22.39	1979.05	-22.91	1999.14	-23.15	2019.24	-23.44
2039.57	-23.75	2059.84	-24.16	2094.52	-24.62	2114.87	-25.08	2135.18	-25.51
2155.62	-26.08	2175.65	-26.33	2209.68	-26.75	2230.54	-27.06	2250.87	-27.26
2270.88	-27.52	2291.18	-28.17	2325.58	-28.74	2345.78	-28.99	2365.95	-29.36
2386.11	-29.85	2406.50	-30.14	2439.30	-30.88	2459.63	-31.11	2480.01	-31.30
2509.08	-31.62	2529.46	-32.40	2549.67	-32.49	2575.27	-32.57	2595.32	-32.90
2615.52	-33.55	2635.70	-34.12	2668.38	-34.23	2688.80	-34.56	2713.12	-34.56
2733.19	-34.96	2753.40	-35.35	2778.18	-35.70	2798.57	-36.06	2819.17	-36.34
2839.98	-36.45	2860.12	-36.91	2880.49	-37.36	2901.60	-37.48	2923.68	-37.46
2943.77	-37.58	2964.00	-38.03	2984.43	-38.43	3004.98	-38.89	3029.94	-38.85
3050.54	-39.17	3070.97	-39.52	3091.24	-39.93	3115.80	-40.04	3154.62	-40.45
3176.18	-40.48	3196.32	-41.02	3216.34	-41.43	3237.67	-41.40	3262.36	-41.61
3282.49	-41.87	3303.36	-42.24	3323.62	-42.48	3348.78	-42.40	3369.16	-42.89
3389.42	-43.07	3409.73	-43.32	3429.92	-43.41	3450.21	-43.71	3471.10	-43.91
3503.27	-44.05	3523.35	-44.36	3543.50	-44.47	3563.73	-44.79	3584.08	-45.14
3607.66	-45.14	3627.74	-45.35	3648.52	-45.79				
R-121	1972	1746665.48	668535.89	60.00	10.32				
	08SEP23	20OCT23	164 00 28 136						
-025.07	13.91	-012.66	13.10	-005.25	11.15	000.56	10.16	000.60	10.15
001.49	10.15	002.10	5.43	008.88	5.04	026.61	4.47	049.30	4.60
070.97	4.62	085.88	3.29	098.12	2.53	118.95	1.45	140.26	0.59
160.71	0.34	180.48	0.04	200.66	-0.24	222.25	-0.50	242.15	-0.78
263.31	-1.19	283.67	-1.47	305.36	-1.71	329.42	-2.05	363.52	-2.73
393.68	-3.54	419.42	-4.93	440.45	-6.38	549.63	-8.84	569.82	-8.38
589.92	-6.17	610.03	-4.42	631.62	-4.52	664.12	-5.36	686.34	-5.80
710.22	-6.07	731.06	-6.59	754.68	-7.18	776.47	-7.90	796.65	-8.34

817.06	-9.03	838.53	-9.86	863.50	-10.27	890.61	-10.98	914.30	-11.57
934.62	-12.24	955.96	-12.67	996.46	-13.72	1016.98	-13.98	1037.28	-14.45
1057.43	-15.05	1077.56	-15.23	1100.10	-15.52	1120.42	-15.68	1140.50	-15.93
1161.50	-16.17	1182.06	-16.31	1202.76	-16.46	1224.39	-16.68	1247.26	-16.72
1267.68	-16.78	1291.99	-16.90	1312.08	-17.08	1333.30	-17.03	1362.24	-17.13
1382.27	-17.23	1402.66	-17.28	1423.41	-17.33	1456.58	-17.55	1476.82	-17.66
1505.21	-17.73	1527.15	-17.87	1572.96	-18.11	1593.38	-18.17	1613.83	-18.43
1635.40	-18.63	1655.49	-18.79	1686.87	-19.16	1707.63	-19.34	1728.94	-19.51
1749.40	-19.91	1769.60	-20.19	1804.38	-20.40	1824.94	-20.67	1845.13	-20.99
1865.32	-21.33	1885.45	-21.60	1918.73	-22.04	1939.60	-22.41	1960.13	-22.68
1980.43	-22.94	2001.48	-23.34	2034.54	-23.76	2055.05	-24.12	2075.11	-24.48
2096.12	-24.78	2116.89	-25.17	2149.95	-25.71	2170.18	-26.03	2190.71	-26.53
2210.95	-26.86	2231.58	-27.23	2267.17	-27.78	2287.30	-28.17	2307.42	-28.55
2327.85	-28.83	2348.43	-29.15	2380.44	-29.74	2401.41	-30.13	2421.76	-30.51
2442.24	-30.78	2462.85	-31.08	2495.54	-31.63	2516.15	-32.06	2537.43	-32.36
2557.59	-32.63	2579.09	-32.89	2611.04	-33.47	2631.54	-33.77	2651.94	-34.11
2672.20	-34.36	2692.50	-34.75	2724.17	-35.09	2744.50	-35.43	2764.66	-35.70
2786.04	-35.76	2807.17	-36.19	2843.78	-36.63	2864.46	-37.02	2884.71	-37.31
2904.95	-37.64	2925.40	-37.99	2959.52	-38.64	2979.88	-39.01	3000.13	-39.40
3020.54	-39.86	3040.80	-40.30	3073.04	-40.76	3095.14	-41.15	3115.59	-41.58
3135.74	-41.78	3157.18	-41.91	3191.20	-42.03	3211.56	-43.20	3232.33	-43.54
3252.88	-43.71	3273.23	-43.88	3294.24	-44.34	3314.45	-44.17	3340.04	-44.31
3360.19	-44.45	3388.33	-44.68	3409.56	-44.78	3431.24	-44.75	3451.25	-44.81
3471.61	-45.11	3491.87	-45.41	3517.01	-45.44	3538.18	-45.66	3574.86	-45.78
3607.53	-45.90	3627.87	-46.17	3652.03	-46.36	3672.40	-46.39		
R-122	1972	1745826.29	668923.61	60.00	13.71				
	08SEP23	20OCT23	182 00	32 150					
-032.39	23.74	-023.06	21.21	-015.54	16.33	-004.73	10.81	001.02	7.52
002.70	5.10	003.35	5.24	005.20	8.16	013.93	8.06	015.63	4.95
024.27	4.36	042.54	4.33	060.14	3.87	079.35	3.11	096.24	2.58
114.47	2.01	131.98	1.44	149.97	0.86	170.35	0.35	190.52	0.01
211.49	-0.26	233.14	-0.57	254.27	-0.89	276.42	-1.33	297.43	-1.50
317.71	-1.76	338.54	-2.11	365.87	-2.48	395.64	-3.22	424.60	-4.17
448.19	-5.30	458.85	-5.92	473.12	-3.80	493.22	-5.20	513.51	-6.53
539.67	-7.79	560.52	-8.30	582.64	-8.49	603.33	-8.59	626.62	-8.76
647.46	-9.28	682.45	-9.25	717.18	-9.18	737.68	-8.65	757.74	-7.49
778.52	-6.52	798.90	-6.45	819.68	-6.74	840.06	-7.12	860.42	-7.54

893.77	-8.65	914.13	-9.34	934.90	-10.12	955.32	-10.95	975.72	-11.68
1006.47	-12.64	1028.46	-13.25	1049.11	-13.84	1069.37	-14.23	1089.39	-14.52
1118.98	-15.17	1139.44	-15.67	1160.12	-16.14	1182.05	-16.54	1205.31	-16.69
1225.82	-16.45	1262.66	-16.56	1282.87	-16.85	1322.06	-16.96	1360.14	-17.23
1381.94	-17.32	1409.65	-17.28	1431.28	-17.50	1451.55	-17.80	1472.01	-17.67
1513.01	-17.62	1533.07	-18.01	1553.22	-18.18	1586.87	-18.32	1606.98	-18.45
1627.19	-18.73	1647.70	-18.90	1667.94	-19.05	1702.92	-19.52	1722.95	-19.59
1743.46	-19.82	1763.80	-20.07	1784.01	-20.11	1815.71	-20.36	1836.10	-20.84
1856.30	-21.38	1876.93	-21.94	1897.68	-22.13	1918.22	-22.18	1954.32	-22.77
1974.49	-22.95	1994.58	-23.44	2014.66	-23.94	2039.65	-24.13	2060.00	-24.36
2090.31	-24.68	2110.47	-25.49	2130.55	-25.77	2165.08	-26.12	2185.92	-26.37
2206.32	-27.04	2226.40	-27.22	2246.48	-27.52	2280.74	-28.39	2301.05	-28.67
2321.55	-29.14	2342.94	-29.30	2379.50	-29.81	2399.92	-30.48	2425.29	-30.78
2450.33	-30.93	2471.35	-31.49	2492.19	-31.99	2531.29	-32.60	2551.92	-32.85
2572.14	-33.14	2592.64	-33.16	2624.64	-33.62	2645.13	-34.01	2665.62	-34.30
2685.76	-34.83	2706.12	-35.21	2731.77	-35.45	2761.10	-35.53	2781.35	-35.86
2801.49	-36.17	2821.89	-36.47	2844.46	-36.55	2865.01	-36.84	2885.11	-37.21
2905.53	-37.72	2925.68	-37.93	2957.16	-38.05	2977.60	-38.23	3012.87	-38.42
3034.23	-38.73	3054.44	-39.02	3085.82	-39.27	3106.28	-39.48	3126.34	-39.85
3148.15	-40.06	3170.14	-39.98	3195.09	-40.22	3215.27	-40.57	3236.70	-40.59
3257.05	-40.68	3278.55	-40.90	3299.45	-41.39	3337.82	-41.52	3358.32	-41.75
3378.58	-41.86	3399.04	-42.22	3419.72	-42.46	3443.81	-42.16	3466.41	-42.22
3487.07	-42.55	3508.12	-42.76	3530.26	-42.92	3551.68	-43.04	3590.16	-43.23
3610.28	-43.86	3634.34	-43.38	3654.94	-43.63	3681.32	-43.55	3701.84	-43.68
3728.54	-43.63	3749.06	-43.96	3769.10	-43.83	3803.63	-43.89	3827.51	-43.78
3864.94	-43.75	3885.12	-43.60	3908.51	-43.56	3931.82	-43.83	3951.97	-44.11
3971.98	-44.86	3992.42	-46.07						
R-123	1978	1745054.44	669349.52	60.00	12.77				
	08SEP23	20OCT23	165 00 24 141						

-023.56	13.27	-012.63	10.93	-008.53	9.74	-008.41	9.75	-007.23	9.76
-007.03	4.78	005.70	4.16	024.97	3.52	043.31	2.85	060.80	2.23
077.92	1.65	094.29	1.13	110.10	0.71	130.53	0.08	151.33	-0.23
173.93	-0.63	196.86	-0.81	217.86	-1.00	240.10	-1.23	262.08	-1.45
284.40	-1.85	307.60	-2.47	330.09	-2.79	353.71	-3.54	439.06	-5.17
459.44	-6.18	479.95	-7.17	500.61	-7.93	539.04	-9.14	559.23	-9.29
591.12	-9.10	611.69	-8.34	632.65	-7.13	653.09	-5.81	673.24	-5.41
712.89	-5.66	747.39	-6.70	767.59	-7.27	788.54	-7.99	809.30	-8.68

829.82	-9.34	855.02	-10.12	878.99	-10.73	900.64	-11.39	921.36	-11.89
942.74	-12.55	963.12	-13.08	984.12	-13.45	1005.22	-14.01	1026.62	-14.52
1047.68	-14.70	1067.84	-15.28	1105.66	-15.65	1126.98	-15.97	1147.02	-16.25
1168.18	-16.33	1196.80	-16.40	1216.87	-16.53	1237.24	-16.76	1262.85	-16.81
1283.72	-16.87	1304.71	-16.95	1324.86	-17.10	1350.36	-17.04	1371.21	-17.32
1391.77	-17.36	1413.32	-17.37	1440.92	-17.38	1461.47	-17.67	1482.00	-17.77
1502.47	-17.87	1522.90	-18.05	1557.26	-18.37	1577.92	-18.42	1598.96	-18.69
1619.18	-18.90	1639.40	-19.11	1673.48	-19.44	1693.60	-19.68	1713.88	-19.94
1734.29	-20.23	1754.76	-20.50	1782.54	-20.93	1802.69	-21.21	1822.88	-21.42
1843.44	-21.72	1863.54	-21.98	1883.93	-22.60	1923.41	-23.00	1943.59	-23.30
1964.02	-23.66	1984.84	-23.97	2018.62	-24.68	2038.96	-24.91	2060.28	-25.27
2080.44	-25.60	2101.05	-26.04	2133.50	-26.52	2154.10	-26.91	2175.50	-27.30
2195.72	-27.82	2216.12	-28.03	2248.08	-28.64	2268.30	-28.97	2288.71	-29.41
2311.54	-29.68	2331.86	-30.05	2364.78	-30.57	2385.52	-30.90	2405.91	-31.35
2427.17	-31.73	2447.29	-32.02	2467.96	-32.24	2488.34	-32.72	2508.71	-32.98
2536.92	-33.30	2557.10	-33.64	2578.00	-33.97	2610.03	-34.37	2630.37	-34.72
2650.62	-35.00	2678.34	-35.25	2708.49	-35.67	2728.79	-36.00	2749.08	-36.18
2771.74	-36.60	2791.75	-36.75	2826.56	-37.11	2847.22	-37.48	2867.48	-37.76
2888.44	-37.89	2908.53	-38.18	2942.18	-38.66	2962.43	-38.93	2982.47	-39.16
3002.65	-39.34	3022.78	-39.61	3055.72	-39.96	3075.92	-40.08	3096.33	-40.20
3117.58	-40.40	3137.60	-40.61	3171.70	-40.94	3193.90	-41.16	3214.52	-41.40
3235.09	-41.55	3255.40	-41.72	3283.86	-41.96	3308.54	-42.14	3341.09	-42.17
3363.30	-42.55	3384.82	-42.61	3421.06	-42.79	3441.10	-43.10	3480.82	-43.17
3501.14	-43.44	3540.18	-43.72	3576.05	-44.06	3596.52	-44.28	3629.88	-44.22
3650.05	-44.58	3670.50	-44.75	3705.78	-44.83	3727.29	-44.95	3747.34	-45.01
R-124	1987	1744095.87	669772.07	60.00	21.00				
	08SEP23	20OCT23	164 00	26 138					

019.22	13.40	021.49	13.04	022.43	10.07	031.15	8.40	034.06	7.61
034.69	5.61	044.13	4.96	056.35	4.47	071.34	4.14	085.87	3.59
100.02	2.91	104.11	2.30	125.76	1.60	146.87	0.80	169.42	0.36
190.44	-0.02	211.74	-0.08	234.04	-0.28	251.36	-0.57	273.98	-0.94
298.22	-1.20	319.51	-1.65	342.42	-2.05	361.69	-2.69	386.98	-3.37
417.18	-4.54	437.10	-3.14	458.57	-3.74	484.29	-4.70	504.59	-5.35
524.90	-6.35	545.92	-7.02	566.23	-8.08	589.43	-8.69	611.44	-9.41
631.56	-10.01	651.72	-9.80	672.21	-9.06	692.36	-6.46	712.69	-5.58
740.29	-5.88	760.36	-6.54	780.59	-7.09	803.24	-7.59	836.24	-8.41
856.95	-9.06	879.46	-9.68	899.63	-10.15	919.76	-10.79	949.01	-11.72

970.11	-12.28	991.08	-12.78	1012.09	-13.42	1032.95	-13.95	1061.75	-14.68
1083.13	-14.88	1104.55	-14.94	1125.64	-15.42	1146.57	-15.78	1166.93	-16.08
1193.81	-16.16	1214.24	-16.26	1237.32	-16.44	1275.85	-16.45	1297.90	-16.52
1325.94	-16.58	1346.31	-16.77	1367.81	-17.00	1388.06	-17.12	1427.59	-17.18
1456.88	-17.17	1496.87	-17.31	1517.20	-17.57	1551.73	-17.80	1572.17	-18.06
1592.49	-18.21	1613.12	-18.46	1635.47	-18.63	1655.55	-18.85	1687.78	-18.92
1708.12	-19.23	1728.24	-19.53	1753.02	-19.92	1773.40	-20.25	1793.54	-20.58
1814.31	-20.89	1843.94	-21.13	1875.68	-21.36	1896.40	-21.74	1917.25	-22.17
1937.34	-22.41	1958.15	-22.75	1993.48	-23.30	2013.77	-23.41	2034.22	-23.83
2054.44	-24.39	2074.48	-24.72	2104.93	-25.41	2125.04	-25.56	2145.09	-25.97
2165.12	-26.23	2190.51	-26.50	2223.64	-27.25	2244.54	-27.91	2264.67	-28.19
2284.96	-28.45	2305.88	-28.74	2339.88	-29.26	2360.17	-29.62	2380.29	-30.07
2400.42	-30.37	2420.90	-30.71	2458.97	-31.27	2479.60	-31.54	2500.77	-32.03
2521.00	-32.58	2554.97	-32.52	2575.48	-33.11	2595.52	-33.35	2616.63	-33.50
2636.93	-34.15	2657.83	-34.38	2680.44	-34.41	2700.90	-34.62	2721.74	-35.17
2741.77	-35.53	2768.40	-35.48	2799.43	-36.25	2819.47	-36.45	2840.08	-36.55
2861.79	-36.74	2882.21	-36.90	2905.49	-37.28	2925.65	-37.57	2946.00	-37.96
2966.25	-37.87	2986.54	-38.18	3006.99	-38.52	3044.68	-38.65	3064.69	-39.04
3085.22	-39.16	3105.75	-39.39	3127.28	-39.57	3159.35	-39.76	3179.64	-39.84
3199.72	-40.21	3219.84	-40.43	3240.54	-40.74	3262.77	-40.65	3282.95	-40.92
3303.34	-41.34	3323.58	-41.50	3344.05	-41.49	3378.01	-41.85	3398.09	-42.13
3420.04	-42.16	3440.62	-42.48	3460.74	-42.62	3484.46	-43.36	3504.60	-43.50
3527.94	-43.36	3549.32	-43.46	3569.47	-43.77	3589.85	-43.88		
R-125	1972	1743231.82	670264.34	60.00	10.78				
	08SEP23	20OCT23	162 00	26 136					
-043.63	7.24	-040.66	5.16	-026.15	5.32	-013.80	4.38	-008.08	4.18
-006.77	7.66	-000.15	7.47	001.96	4.47	005.27	4.37	020.30	4.28
036.86	3.84	051.88	2.78	072.12	1.85	094.06	1.05	114.53	0.43
135.10	0.06	157.17	-0.19	179.56	-0.36	202.32	-0.51	224.28	-0.75
244.39	-1.02	266.84	-1.37	289.32	-1.77	311.26	-2.16	335.01	-2.87
365.87	-4.01	467.19	-4.98	487.63	-5.94	507.79	-6.86	529.08	-7.43
549.16	-7.74	569.27	-8.03	590.70	-8.66	627.74	-9.00	651.11	-9.14
676.74	-8.83	696.87	-8.45	717.26	-8.05	749.49	-7.66	770.48	-7.71
791.51	-8.01	811.84	-8.53	851.48	-9.51	873.23	-9.96	894.80	-10.71
917.02	-11.53	943.01	-12.18	979.50	-13.24	1000.00	-13.77	1020.62	-14.23
1041.82	-14.57	1075.13	-15.45	1097.56	-15.74	1123.86	-15.83	1151.38	-16.21
1181.60	-16.25	1202.46	-16.60	1226.02	-16.60	1256.88	-16.77	1276.92	-16.70

1299.07	-16.74	1319.08	-16.82	1340.31	-16.92	1375.05	-17.04	1395.48	-17.32
1417.88	-17.29	1437.89	-17.51	1458.33	-17.58	1480.04	-17.66	1503.56	-17.80
1525.62	-18.10	1545.73	-18.32	1577.85	-18.47	1598.26	-18.72	1618.28	-18.87
1638.37	-19.13	1671.58	-19.37	1692.07	-19.78	1717.22	-19.96	1738.26	-20.29
1771.98	-20.92	1792.06	-21.12	1812.84	-21.34	1832.88	-21.70	1853.38	-22.08
1882.15	-22.53	1906.52	-22.84	1927.38	-23.28	1947.40	-23.46	1967.82	-23.89
2003.24	-24.43	2023.60	-24.91	2043.87	-25.29	2063.88	-25.65	2084.04	-26.01
2118.64	-26.65	2139.28	-27.03	2159.34	-27.48	2179.70	-27.85	2199.83	-28.21
2234.24	-28.82	2254.45	-29.21	2274.60	-29.46	2294.78	-29.87	2314.96	-30.26
2344.23	-30.69	2364.77	-30.91	2384.86	-31.43	2405.29	-31.76	2430.34	-32.06
2463.52	-32.60	2483.78	-33.03	2503.90	-33.42	2524.82	-33.56	2544.83	-33.82
2580.84	-34.24	2601.10	-34.61	2621.45	-34.96	2641.62	-35.28	2661.68	-35.49
2694.58	-35.98	2714.61	-36.19	2735.00	-36.35	2755.12	-36.74	2775.91	-36.87
2809.20	-37.17	2829.36	-37.52	2849.66	-37.69	2871.48	-38.01	2891.91	-38.12
2926.69	-38.45	2946.98	-38.67	2967.20	-38.85	2987.44	-39.05	3007.94	-39.22
3031.22	-39.32	3052.35	-39.70	3072.68	-39.88	3093.76	-39.92	3115.02	-40.05
3137.47	-40.41	3157.67	-40.72	3191.82	-40.83	3211.95	-40.95	3232.02	-41.23
3252.44	-41.35	3284.41	-41.66	3305.22	-41.98	3325.26	-41.91	3351.66	-42.19
3371.84	-42.38	3396.66	-42.62	3418.77	-42.66	3449.08	-42.89	3469.61	-42.99
3490.60	-43.14	3513.12	-43.32	3537.34	-43.44	3557.74	-43.55	3578.12	-43.72
3598.42	-44.02	3626.86	-44.08						
R-126	1972	1742358.95	670661.99	60.00	18.89				
	08SEP23	20OCT23	158 00 26 132						

-041.96	10.03	-039.44	8.40	-032.83	7.25	-021.61	6.38	-007.84	7.08
006.45	6.58	019.31	5.52	030.52	4.95	046.21	4.39	064.66	4.00
087.05	3.13	110.16	2.24	131.87	1.65	152.68	1.09	174.56	0.61
196.14	0.31	217.27	0.04	238.12	-0.22	260.93	-0.40	284.11	-0.69
307.64	-1.08	328.81	-1.46	350.64	-1.76	372.42	-2.23	402.33	-3.16
430.63	-5.07	515.40	-6.61	536.12	-7.59	557.02	-8.16	578.15	-7.75
598.56	-6.32	618.65	-4.43	658.60	-4.44	678.64	-5.24	698.92	-6.24
719.39	-6.99	739.88	-7.76	762.82	-8.68	788.38	-8.89	808.54	-9.43
830.89	-10.08	868.56	-10.95	891.32	-11.44	911.83	-11.85	932.35	-12.23
955.05	-12.94	975.88	-13.40	996.34	-14.05	1020.30	-14.47	1047.75	-14.71
1084.75	-15.41	1105.08	-15.88	1138.70	-16.05	1159.34	-16.21	1194.30	-16.36
1224.76	-16.44	1261.49	-16.55	1281.97	-16.74	1302.11	-16.57	1322.36	-16.48
1351.48	-16.58	1371.84	-16.86	1392.18	-16.96	1412.32	-17.19	1440.07	-17.19
1462.21	-17.29	1488.04	-17.14	1508.98	-17.30	1532.50	-17.59	1555.40	-17.65

1576.28	-18.00	1600.52	-18.13	1624.50	-18.31	1653.02	-18.52	1673.99	-18.85
1698.88	-18.99	1719.37	-19.24	1739.50	-19.48	1778.38	-19.88	1798.56	-20.05
1818.60	-20.66	1838.86	-20.99	1859.03	-21.54	1889.74	-21.79	1909.83	-22.11
1930.18	-22.33	1950.81	-22.43	1971.05	-22.74	1999.63	-23.64	2019.71	-24.16
2040.14	-24.49	2066.37	-24.69	2086.80	-25.22	2120.05	-25.87	2140.44	-26.02
2160.66	-26.44	2180.88	-26.73	2201.23	-27.23	2236.87	-27.89	2256.88	-28.21
2277.04	-28.58	2297.26	-29.00	2317.37	-29.24	2351.66	-29.72	2372.04	-30.16
2392.09	-30.66	2412.42	-30.99	2432.44	-31.32	2469.07	-31.90	2489.12	-32.22
2509.43	-32.58	2533.02	-32.82	2553.16	-33.26	2573.32	-33.73	2602.36	-33.76
2622.75	-34.43	2643.04	-34.81	2663.64	-34.92	2697.73	-35.17	2718.68	-35.59
2739.03	-35.83	2759.22	-36.18	2779.34	-36.43	2807.90	-36.78	2828.18	-37.23
2850.54	-37.31	2875.06	-37.38	2895.38	-37.66	2918.80	-38.07	2939.50	-38.24
2959.62	-38.48	2979.88	-38.66	3001.01	-38.89	3028.48	-39.06	3049.30	-39.53
3069.50	-39.93	3107.53	-40.34	3153.43	-40.24	3173.62	-40.49	3194.41	-40.83
3215.32	-41.09	3235.34	-41.35	3264.28	-41.48	3284.39	-41.69	3304.87	-41.80
3325.49	-42.04	3345.76	-42.09	3386.88	-42.17	3407.23	-42.50	3427.74	-42.78
3448.90	-42.96	3471.86	-42.99	3506.84	-43.42	3526.85	-43.57	3548.37	-43.43
3570.37	-43.73	3590.51	-44.02	3612.85	-44.13				

R-127	1978	1741564.21	671126.07	60.00	13.26
	08SEP23	20OCT23	167 00 28 139		

-019.05	15.49	-006.71	12.96	008.67	10.07	019.47	9.41	019.95	10.71
022.26	10.71	022.53	4.60	029.33	4.48	041.15	4.50	056.57	4.40
075.43	2.69	090.22	2.14	111.30	1.38	131.33	0.85	152.19	0.41
173.84	0.21	194.62	-0.04	216.07	-0.21	238.34	-0.44	260.25	-0.94
281.99	-1.31	304.65	-1.96	325.47	-2.44	346.95	-3.03	369.34	-3.53
391.99	-3.75	401.65	-4.55	419.77	-6.10	449.93	-4.83	469.98	-5.44
491.34	-6.51	511.60	-7.39	539.67	-8.42	560.82	-9.10	580.88	-9.36
602.81	-9.06	623.13	-6.90	644.26	-5.34	668.77	-5.31	689.23	-5.93
711.84	-6.59	734.98	-7.10	757.64	-7.77	794.49	-8.82	816.21	-9.30
837.08	-9.87	857.55	-10.50	883.66	-11.24	905.06	-11.93	928.49	-12.33
948.88	-12.98	971.83	-13.54	992.68	-13.96	1014.70	-14.29	1035.76	-14.83
1056.56	-15.43	1077.82	-15.49	1098.70	-15.78	1118.90	-16.08	1142.81	-16.07
1163.32	-16.24	1183.52	-16.32	1203.54	-16.48	1231.08	-16.37	1251.16	-16.47
1283.06	-16.54	1307.43	-16.58	1327.73	-16.75	1364.96	-16.74	1385.38	-17.02
1425.58	-16.97	1452.98	-17.13	1479.37	-17.42	1499.53	-17.48	1529.16	-17.57
1549.60	-17.83	1580.51	-18.15	1600.93	-18.41	1621.64	-18.63	1641.81	-18.85
1662.00	-19.07	1682.11	-19.35	1720.93	-19.82	1741.20	-19.97	1761.53	-20.28

1781.84	-20.54	1813.41	-21.10	1833.74	-21.28	1856.66	-21.70	1876.74	-21.98
1897.04	-22.32	1931.92	-22.95	1952.08	-23.25	1972.34	-23.51	1992.60	-24.02
2013.07	-24.38	2045.04	-24.83	2065.14	-25.47	2085.47	-25.87	2107.50	-26.03
2127.51	-26.57	2162.35	-27.39	2182.59	-27.55	2202.62	-28.05	2222.73	-28.41
2242.82	-28.71	2273.95	-29.27	2294.16	-29.63	2314.56	-30.00	2334.66	-30.44
2355.43	-30.76	2393.97	-31.49	2414.36	-31.87	2434.38	-32.13	2454.50	-32.33
2474.68	-32.84	2507.74	-33.40	2528.09	-33.48	2548.54	-33.81	2568.96	-34.31
2589.14	-34.57	2621.47	-34.94	2641.48	-35.27	2661.94	-35.49	2682.32	-35.86
2706.11	-36.14	2733.37	-36.49	2759.56	-36.70	2780.12	-36.98	2800.42	-37.48
2820.42	-37.59	2844.93	-37.81	2865.26	-38.22	2885.46	-38.41	2905.82	-38.79
2928.52	-39.17	2948.69	-39.32	2986.47	-39.54	3006.91	-39.88	3027.62	-39.84
3050.90	-40.15	3078.03	-40.45	3098.86	-40.77	3125.51	-40.92	3145.52	-41.19
3165.69	-41.34	3195.66	-41.50	3217.41	-41.87	3237.74	-42.05	3260.92	-42.10
3281.13	-42.32	3316.86	-42.57	3337.22	-42.75	3357.57	-42.92	3377.71	-43.05
3398.41	-43.27	3425.24	-43.48	3445.48	-43.68	3478.19	-43.88	3512.05	-44.00
3546.65	-44.40	3567.03	-44.53	3587.06	-44.63	3607.23	-44.79	3628.90	-44.85
3663.63	-45.25	3684.74	-45.45						

R-128	1987	1740720.49	671594.53	60.00	9.58
	08SEP23	20OCT23	160 00 26 134		

-013.07	10.65	-011.23	9.62	-001.29	9.36	-000.79	9.63	000.45	9.64
000.73	5.62	007.90	4.90	024.08	4.45	048.29	3.47	068.92	2.51
090.52	1.72	113.37	1.01	136.55	0.49	161.62	0.10	183.24	-0.12
206.83	-0.34	228.63	-0.45	250.12	-0.73	274.16	-1.11	296.06	-1.47
317.24	-2.02	341.33	-2.70	366.41	-3.36	393.88	-4.11	415.08	-5.48
435.43	-6.75	469.77	-6.65	490.08	-7.55	510.71	-8.42	531.10	-9.20
553.40	-10.27	580.60	-11.05	602.56	-10.80	622.66	-9.94	643.63	-9.13
663.70	-6.11	687.01	-5.25	708.66	-5.81	729.23	-6.27	749.50	-7.39
772.68	-7.74	793.27	-8.66	830.12	-9.22	850.40	-9.97	870.94	-10.84
893.31	-11.32	918.80	-12.26	939.65	-12.86	959.70	-13.41	982.94	-14.24
1009.58	-14.71	1038.94	-15.05	1063.80	-15.25	1084.70	-15.61	1105.02	-15.91
1135.97	-16.06	1156.52	-16.35	1192.85	-16.41	1213.54	-16.60	1249.56	-16.57
1270.32	-16.49	1306.13	-16.40	1327.10	-16.49	1362.04	-16.72	1395.87	-16.79
1421.37	-17.01	1457.38	-17.08	1478.00	-17.33	1509.22	-17.45	1529.69	-17.65
1559.06	-17.95	1585.90	-17.88	1608.94	-18.20	1629.33	-18.59	1650.26	-18.78
1673.54	-18.92	1702.43	-19.28	1726.95	-19.87	1747.22	-20.33	1767.34	-20.52
1787.37	-20.81	1817.46	-20.86	1848.96	-21.59	1869.04	-21.95	1889.20	-22.36
1909.28	-23.00	1933.32	-23.12	1965.50	-23.65	1985.94	-24.15	2006.71	-24.44

2028.13	-24.83	2048.69	-25.04	2082.52	-25.81	2102.96	-26.37	2123.37	-26.77
2143.74	-27.08	2164.51	-27.33	2198.05	-27.97	2218.28	-28.62	2238.33	-28.97
2258.57	-29.36	2279.00	-29.46	2310.16	-30.02	2331.05	-30.47	2351.20	-30.84
2371.73	-30.93	2391.95	-31.40	2412.14	-31.92	2450.12	-32.31	2470.42	-32.99
2490.71	-33.04	2510.71	-33.21	2542.08	-33.81	2562.21	-34.27	2585.08	-34.33
2606.07	-34.67	2626.36	-34.77	2656.62	-35.62	2679.26	-35.90	2699.64	-36.41
2720.04	-36.40	2741.82	-36.45	2765.51	-37.03	2785.68	-37.34	2815.50	-37.53
2836.35	-37.80	2856.75	-38.26	2894.60	-38.62	2914.84	-39.08	2952.27	-39.18
2972.52	-39.51	2995.70	-39.91	3016.08	-40.52	3036.60	-40.14	3068.56	-40.46
3088.76	-40.96	3113.88	-41.23	3134.08	-41.48	3154.56	-41.71	3181.72	-41.86
3203.13	-42.08	3240.88	-42.46	3261.10	-42.64	3281.11	-42.83	3314.94	-43.31
3348.83	-43.70	3370.38	-43.88	3390.42	-44.12	3410.72	-44.24	3431.32	-44.28
3451.88	-44.57	3472.06	-44.67	3508.16	-44.72	3528.72	-44.88	3549.73	-45.19
3570.28	-45.36	3591.64	-45.52	3619.25	-45.81	3639.68	-45.71	3673.26	-46.04
R-129	1972	1739868.25	672005.93	60.00	13.11				
	08SEP23	20OCT23	163 00 28 135						

-020.00	14.70	-007.90	14.16	004.10	13.73	004.20	13.71	006.00	13.74
006.80	5.96	019.40	4.83	038.00	4.59	054.30	3.91	073.50	3.22
094.50	2.43	115.30	1.84	136.50	1.25	152.80	0.91	173.40	0.55
195.20	0.23	216.20	0.00	237.80	-0.26	257.20	-0.43	278.80	-0.83
301.80	-1.24	322.50	-1.67	342.60	-2.14	365.40	-2.90	389.30	-3.64
415.10	-4.96	431.10	-5.83	448.30	-6.61	513.37	-3.75	533.56	-4.52
569.14	-6.33	589.23	-7.24	609.51	-8.68	629.88	-9.13	650.44	-9.73
672.04	-9.93	692.10	-8.44	712.96	-6.91	734.06	-6.00	764.53	-5.75
797.60	-6.73	818.62	-7.36	838.74	-8.24	859.30	-8.75	879.94	-9.62
911.53	-10.85	933.64	-11.25	953.66	-11.74	975.82	-12.80	996.08	-13.33
1031.69	-14.23	1051.83	-14.63	1072.07	-15.16	1092.20	-15.40	1112.31	-15.79
1133.89	-16.01	1154.39	-16.11	1174.68	-16.24	1195.94	-16.33	1220.42	-16.36
1249.49	-16.41	1275.09	-16.47	1298.25	-16.52	1318.40	-16.66	1338.60	-16.53
1360.13	-16.52	1395.88	-16.63	1415.90	-16.83	1444.00	-16.91	1464.16	-17.05
1491.87	-17.18	1512.01	-17.31	1547.72	-17.60	1568.97	-17.67	1590.64	-17.87
1628.59	-18.28	1648.62	-18.40	1669.40	-18.68	1690.06	-18.73	1724.24	-19.22
1744.43	-19.52	1764.55	-19.76	1784.66	-20.00	1805.06	-20.35	1838.41	-20.89
1858.54	-21.21	1878.92	-21.49	1899.84	-21.77	1920.25	-22.18	1944.39	-22.64
1964.88	-23.02	1985.70	-23.40	2005.72	-23.83	2025.99	-24.24	2068.78	-25.00
2089.48	-25.23	2110.08	-25.63	2130.74	-25.98	2151.17	-26.36	2185.08	-27.05
2205.46	-27.39	2225.76	-27.79	2246.62	-28.30	2266.98	-28.66	2300.86	-29.21

2321.06	-29.45	2341.98	-29.88	2362.25	-30.26	2382.38	-30.50	2415.12	-31.10
2437.04	-31.29	2457.38	-31.66	2477.63	-32.07	2497.90	-32.27	2533.03	-32.81
2553.20	-33.13	2573.36	-33.35	2593.61	-33.60	2613.80	-33.97	2646.17	-34.24
2666.90	-34.61	2687.88	-34.89	2708.05	-35.23	2728.11	-35.46	2766.61	-35.86
2786.73	-35.98	2807.78	-36.32	2829.17	-36.65	2871.38	-36.96	2898.99	-37.23
2919.14	-37.45	2939.48	-37.56	2959.78	-37.77	2983.74	-38.07	3004.45	-38.33
3025.35	-38.48	3045.82	-38.64	3066.22	-38.96	3087.12	-39.22	3113.62	-39.31
3134.32	-39.75	3154.63	-40.00	3182.77	-40.19	3202.93	-40.41	3236.58	-40.70
3258.88	-40.81	3279.11	-41.01	3299.14	-41.32	3319.25	-41.53	3340.44	-41.86
3370.82	-42.05	3390.94	-42.42	3411.04	-42.54	3446.44	-42.90	3466.85	-43.18
3493.70	-43.35	3514.26	-43.70	3534.55	-43.88	3562.26	-44.04	3583.42	-44.25
3603.59	-44.89	3637.47	-44.92	3657.90	-44.97				
R-130	1987	1739042.09	672486.96	60.00	12.12				
	07SEP23	20OCT23	155 00	19 136					

002.63	14.06	002.79	5.61	017.98	4.46	031.15	4.41	047.60	4.57
063.81	4.43	078.07	3.51	094.49	2.59	112.71	1.77	130.03	1.14
150.64	0.20	171.49	-0.06	191.23	-0.30	214.36	-0.48	248.61	-0.67
290.07	-1.35	317.82	-1.82	343.88	-2.43	372.99	-3.22	466.21	-4.46
486.43	-5.29	506.52	-5.97	526.89	-6.50	552.13	-6.78	572.98	-7.15
599.97	-7.32	622.92	-6.99	643.14	-6.22	665.93	-5.60	704.85	-6.35
725.09	-7.12	746.38	-7.79	767.70	-8.39	787.90	-8.95	822.22	-9.88
842.32	-10.47	862.77	-11.00	882.88	-11.48	903.30	-12.16	936.30	-12.90
957.27	-13.26	977.42	-13.60	997.93	-14.14	1018.05	-14.53	1044.88	-15.32
1065.20	-15.85	1086.17	-16.17	1110.34	-16.56	1137.02	-16.56	1157.29	-16.80
1178.12	-16.67	1216.84	-16.44	1249.49	-16.63	1274.82	-16.84	1297.11	-16.90
1317.64	-16.77	1338.17	-16.86	1364.54	-16.63	1399.65	-16.87	1420.26	-17.08
1440.35	-17.31	1480.37	-17.21	1503.79	-17.63	1535.02	-17.98	1555.32	-18.17
1575.94	-17.97	1605.12	-18.09	1626.57	-18.39	1649.30	-18.45	1669.48	-18.85
1690.04	-19.05	1710.44	-19.28	1732.40	-19.79	1752.59	-20.39	1773.46	-20.48
1793.96	-20.60	1814.42	-20.93	1841.09	-21.12	1881.06	-21.77	1901.60	-22.14
1921.93	-22.99	1942.30	-23.32	1975.39	-23.75	1996.60	-24.10	2017.26	-24.37
2037.39	-24.73	2058.00	-25.16	2092.00	-25.96	2112.13	-26.34	2132.40	-26.65
2153.09	-26.97	2173.33	-27.46	2200.57	-28.21	2220.63	-29.05	2242.95	-29.00
2264.25	-29.33	2285.30	-29.72	2319.50	-29.90	2340.26	-30.78	2360.68	-31.04
2381.02	-31.37	2401.52	-31.78	2423.56	-32.14	2444.14	-32.29	2464.42	-32.75
2499.28	-32.92	2519.34	-33.16	2543.80	-33.81	2564.08	-34.31	2584.22	-34.39
2613.88	-34.56	2634.28	-34.87	2659.26	-35.44	2679.63	-35.50	2699.84	-35.66

2720.22	-35.86	2741.10	-36.43	2761.44	-36.97	2783.00	-36.58	2803.09	-36.98
2823.12	-37.51	2843.97	-37.60	2866.70	-37.43	2893.20	-38.17	2913.54	-38.58
2934.59	-38.51	2954.66	-38.60	2974.95	-38.91	2995.60	-39.25	3017.44	-39.10
3045.95	-39.18	3066.87	-39.47	3089.09	-39.70	3110.04	-39.99	3130.26	-40.41
3150.28	-40.27	3190.46	-40.35	3212.84	-40.71	3247.00	-41.42	3267.04	-41.66
3287.33	-41.79	3307.87	-41.89	3331.04	-42.05	3351.37	-42.33	3379.70	-42.43
3405.95	-42.67	3443.11	-42.84	3466.68	-43.31	3487.34	-43.81	3507.84	-43.58
3534.55	-43.81	3555.12	-43.93	3575.14	-44.23	3595.65	-44.58	3618.58	-44.68
R-131	1972	1738130.71	672915.51	60.00	27.29				
	07SEP23	20OCT23	156 00	23 133					

000.58	24.97	010.15	20.39	021.38	7.16	033.13	6.53	051.81	6.23
070.08	5.40	088.11	4.64	109.62	4.23	130.01	4.35	147.09	4.38
163.67	3.47	180.04	2.56	200.09	1.23	218.49	0.65	237.04	0.29
256.11	-0.07	275.28	-0.40	307.24	-0.88	345.94	-1.37	376.94	-1.85
404.09	-2.29	431.92	-2.82	463.68	-3.63	523.14	-5.98	551.29	-6.80
571.70	-7.37	592.36	-7.82	615.24	-8.05	642.80	-8.29	667.51	-8.54
689.75	-8.65	718.08	-9.01	743.02	-9.16	765.64	-9.45	787.42	-9.39
817.74	-9.43	837.82	-8.89	860.70	-8.39	886.37	-8.11	912.73	-8.58
934.80	-9.26	957.66	-9.72	983.60	-10.44	1012.86	-11.28	1033.50	-11.91
1053.58	-12.56	1074.23	-13.36	1094.25	-14.01	1132.02	-14.98	1154.64	-15.64
1174.70	-15.80	1195.42	-16.09	1216.05	-16.21	1246.82	-16.63	1267.17	-16.79
1287.81	-16.75	1311.40	-16.73	1332.26	-16.86	1370.68	-16.86	1392.90	-16.75
1413.34	-16.90	1435.71	-16.77	1456.00	-16.87	1492.04	-16.96	1512.32	-17.14
1542.01	-17.08	1562.07	-17.27	1582.85	-17.48	1603.00	-17.53	1635.74	-17.79
1656.15	-17.99	1676.56	-18.21	1712.05	-18.53	1733.07	-18.74	1753.31	-19.07
1773.73	-19.38	1793.88	-19.64	1827.89	-20.12	1848.11	-20.48	1868.35	-20.77
1888.38	-21.07	1908.62	-21.36	1935.61	-21.74	1956.02	-22.18	1976.35	-22.45
1996.52	-23.01	2024.64	-23.28	2057.36	-24.02	2078.00	-24.33	2098.08	-24.93
2119.86	-25.43	2140.00	-25.74	2174.70	-26.37	2194.83	-26.58	2215.16	-26.94
2235.49	-27.36	2255.79	-27.63	2288.52	-28.44	2308.93	-28.73	2329.88	-29.00
2350.84	-29.35	2370.89	-29.80	2399.96	-30.28	2420.31	-30.49	2440.35	-30.85
2460.50	-31.32	2480.58	-31.53	2501.76	-31.96	2536.77	-32.45	2557.11	-32.70
2577.29	-32.88	2597.56	-33.35	2622.32	-33.56	2642.59	-33.82	2672.46	-34.12
2692.72	-34.52	2713.86	-34.71	2734.65	-34.98	2771.35	-35.55	2797.64	-35.73
2818.04	-36.08	2838.88	-36.35	2866.04	-36.46	2886.20	-36.85	2907.04	-36.97
2927.12	-37.41	2947.24	-37.51	2969.61	-37.75	2996.00	-37.90	3016.26	-38.28
3036.74	-38.44	3056.82	-38.64	3077.16	-38.81	3098.76	-39.21	3132.04	-39.27

3152.39	-39.65	3173.37	-39.77	3202.58	-39.80	3224.28	-40.32	3254.32	-40.38
3274.58	-40.55	3295.17	-40.87	3334.14	-41.14	3354.54	-41.22	3374.99	-41.38
3409.69	-41.64	3433.80	-41.88	3453.89	-41.91	3481.20	-42.08	3501.34	-42.38
3521.76	-42.60	3560.24	-42.84	3580.33	-43.15	3600.60	-43.16	3629.98	-43.16
3657.39	-43.60								
R-132	1972	1737316.32	673446.07	60.00	9.64				
	07SEP23	20OCT23	158 00 23 135						

000.56	9.67	001.81	9.46	002.48	6.19	021.16	5.41	038.34	4.62
056.77	4.48	074.25	4.67	091.15	4.72	099.59	3.67	110.03	2.99
130.42	1.36	148.22	0.75	171.23	0.23	193.02	-0.18	213.54	-0.56
231.86	-0.88	254.02	-1.26	286.22	-1.85	313.81	-2.21	334.18	-2.17
355.55	-2.29	379.61	-2.53	409.08	-3.07	485.96	-5.32	505.99	-6.65
526.15	-7.69	548.88	-8.72	569.18	-7.89	589.88	-5.82	610.34	-4.88
630.63	-4.56	655.60	-4.66	677.48	-5.36	698.62	-6.15	718.81	-6.94
750.18	-8.11	771.76	-8.59	793.21	-9.08	813.52	-9.64	833.62	-10.08
866.13	-10.84	886.80	-11.36	907.00	-11.85	927.06	-12.60	948.06	-13.19
978.15	-13.77	999.72	-14.20	1021.26	-14.56	1043.14	-14.95	1063.33	-15.26
1100.62	-15.91	1120.95	-16.38	1141.26	-16.61	1161.54	-16.73	1198.57	-16.72
1218.60	-17.22	1242.00	-17.21	1262.76	-16.94	1291.96	-17.20	1318.44	-17.04
1338.77	-16.78	1375.84	-17.27	1396.17	-17.63	1416.98	-17.27	1437.16	-17.00
1458.82	-17.03	1478.92	-17.28	1501.85	-17.38	1522.51	-17.50	1543.14	-17.79
1578.29	-18.06	1598.33	-18.07	1620.20	-18.29	1640.88	-18.49	1665.25	-18.57
1685.40	-19.07	1713.42	-19.06	1733.72	-19.33	1754.08	-19.82	1774.12	-20.17
1794.61	-20.41	1833.66	-20.75	1853.74	-21.25	1873.85	-21.58	1908.71	-22.08
1929.03	-22.40	1949.49	-23.01	1969.64	-23.10	1989.76	-23.40	2020.44	-24.22
2040.62	-24.70	2061.36	-24.94	2081.59	-25.57	2102.20	-25.93	2135.36	-26.19
2155.80	-26.55	2175.82	-27.10	2196.53	-27.55	2216.58	-28.07	2249.02	-28.60
2269.21	-29.17	2308.94	-29.53	2329.03	-29.83	2349.42	-30.56	2375.97	-30.93
2396.88	-31.14	2416.97	-31.37	2437.12	-31.74	2457.22	-32.21	2482.56	-32.43
2502.60	-32.97	2522.84	-33.09	2561.67	-33.44	2582.06	-33.65	2613.87	-34.12
2634.20	-34.67	2654.48	-35.13	2675.05	-35.15	2706.60	-35.09	2726.97	-35.44
2747.37	-36.05	2777.74	-35.97	2798.06	-36.41	2837.39	-37.12	2857.66	-37.43
2879.05	-37.23	2912.79	-37.62	2932.98	-37.93	2954.37	-37.99	2974.44	-38.23
3007.97	-38.44	3028.52	-38.90	3062.04	-39.19	3082.37	-39.39	3113.68	-39.53
3133.81	-39.79	3154.06	-40.09	3177.48	-39.95	3197.78	-40.17	3218.31	-40.75
3238.32	-40.99	3258.52	-40.89	3280.54	-41.07	3301.38	-41.31	3321.75	-41.47
3343.80	-41.64	3364.00	-41.93	3387.10	-42.07	3407.95	-42.59	3432.68	-42.54

3453.85 -42.83 3474.34 -42.98 3516.14 -43.23 3536.18 -43.34 3575.58 -43.67
3596.14 -43.85 3616.45 -44.21 3636.89 -44.71

R-133 1972 1736462.00 673826.29 60.00 16.71

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044.87 14.74 068.54 13.34 074.22 10.41 079.59 8.78 083.54 8.22
084.89 10.25 091.58 10.39 093.49 6.81 101.26 6.19 119.18 5.03
139.32 4.36 157.42 4.37 176.24 4.27 193.03 3.55 210.08 2.56
230.12 1.25 249.35 0.78 268.24 0.49 287.23 0.21 305.83 -0.04
326.49 -0.29 345.91 -0.61 364.07 -0.94 383.29 -1.18 409.94 -1.65
432.81 -1.98 458.87 -2.64 486.27 -3.27 506.09 -3.85 605.40 -5.97
625.74 -6.72 665.10 -8.01 685.70 -8.37 706.20 -8.64 727.91 -9.00
749.24 -9.15 773.34 -9.46 809.46 -9.47 830.46 -8.65 850.91 -7.75
871.32 -7.39 909.18 -8.01 929.24 -8.62 950.24 -9.02 970.25 -9.68
1003.94 -10.54 1024.02 -11.22 1044.78 -11.68 1064.86 -12.46 1086.04 -13.16
1106.17 -13.77 1127.26 -14.68 1161.14 -15.20 1183.40 -15.47 1204.03 -16.10
1230.16 -16.48 1250.38 -16.69 1270.86 -16.93 1294.57 -16.92 1315.71 -17.00
1336.80 -16.98 1357.18 -17.01 1393.40 -17.01 1432.74 -17.00 1452.95 -17.05
1474.59 -17.08 1495.03 -17.14 1519.30 -17.09 1539.55 -17.34 1563.20 -17.40
1586.73 -17.55 1606.87 -17.65 1629.21 -17.80 1653.66 -18.15 1691.78 -18.35
1712.04 -18.61 1736.73 -18.77 1757.58 -18.99 1778.71 -19.19 1810.63 -19.45
1830.95 -19.91 1853.94 -20.03 1875.54 -20.35 1896.44 -20.69 1930.62 -21.22
1951.11 -21.42 1971.38 -21.91 1991.84 -22.29 2012.28 -22.52 2045.52 -23.12
2066.07 -23.48 2086.38 -23.87 2107.25 -24.17 2128.08 -24.73 2162.15 -25.46
2182.27 -25.83 2202.76 -26.14 2223.16 -26.67 2243.49 -26.93 2268.59 -27.43
2288.96 -27.86 2309.11 -28.23 2329.77 -28.83 2358.82 -29.20 2386.72 -29.65
2407.94 -29.98 2428.35 -30.46 2448.58 -30.68 2469.41 -31.07 2507.94 -31.56
2528.56 -31.84 2549.10 -32.25 2569.70 -32.61 2590.08 -32.79 2623.35 -33.25
2644.55 -33.62 2664.96 -33.77 2685.21 -33.99 2705.65 -34.28 2727.50 -34.53
2747.69 -34.96 2773.42 -35.14 2799.98 -35.50 2820.26 -35.83 2854.71 -36.12
2875.12 -36.36 2895.38 -36.62 2915.79 -36.72 2935.98 -37.05 2968.31 -37.45
2988.52 -37.62 3008.99 -37.84 3029.34 -37.98 3049.97 -38.20 3087.01 -38.50
3107.10 -38.74 3127.25 -39.09 3167.18 -39.25 3189.64 -39.57 3211.24 -39.72
3231.62 -39.97 3267.04 -40.00 3287.22 -40.38 3308.52 -40.25 3329.66 -40.51
3349.68 -40.67 3370.05 -40.89 3390.07 -41.03 3410.35 -41.13 3445.08 -41.40
3465.49 -41.57 3486.08 -42.02 3506.11 -41.93 3540.36 -42.26 3561.58 -42.35
3586.15 -42.55 3606.27 -42.68 3626.60 -42.88 3646.61 -42.98

R-134 1972 1735630.95 674301.73 60.00 15.99

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091.25	13.88	092.86	13.91	093.45	6.89	099.85	6.36	113.02	5.38
122.85	4.73	143.10	4.33	162.26	4.19	178.76	3.60	196.61	2.96
213.11	2.45	229.82	1.95	250.08	1.18	274.31	0.69	295.04	0.32
314.42	0.05	334.14	-0.24	353.56	-0.55	372.53	-0.77	400.97	-1.18
436.07	-1.73	462.37	-2.40	482.80	-2.93	504.15	-3.51	525.54	-4.87
641.32	-7.77	661.53	-8.06	682.15	-8.18	702.64	-8.06	726.08	-8.00
750.10	-7.88	779.16	-7.89	799.39	-7.68	836.44	-7.43	856.59	-7.21
877.44	-7.52	902.77	-7.87	942.08	-9.36	970.44	-9.98	990.95	-10.62
1011.63	-11.12	1048.39	-12.12	1071.85	-12.48	1092.64	-13.10	1114.20	-13.85
1134.46	-14.32	1160.98	-14.55	1181.49	-14.98	1201.79	-15.49	1224.65	-15.62
1245.33	-16.03	1266.62	-16.02	1290.75	-16.03	1311.74	-16.31	1331.96	-16.61
1355.82	-16.75	1378.40	-16.73	1408.94	-16.53	1429.45	-16.23	1453.57	-16.42
1473.79	-16.95	1493.87	-17.19	1514.08	-17.08	1551.36	-17.06	1572.14	-17.15
1592.52	-17.10	1613.04	-16.97	1641.81	-17.21	1662.55	-17.63	1693.67	-17.75
1728.03	-18.15	1748.31	-18.45	1768.52	-18.88	1790.04	-18.91	1810.19	-19.03
1843.63	-19.41	1863.84	-20.09	1890.02	-20.05	1910.21	-20.51	1930.32	-21.06
1957.11	-21.21	1977.80	-21.63	1998.26	-22.15	2019.80	-22.55	2040.28	-22.87
2075.00	-23.36	2095.48	-23.85	2115.61	-24.32	2135.72	-24.54	2155.95	-25.01
2194.65	-25.74	2214.80	-26.09	2234.94	-26.71	2255.15	-26.96	2276.36	-27.42
2296.48	-27.76	2326.40	-27.97	2346.60	-28.53	2366.85	-29.04	2386.95	-29.34
2407.98	-29.60	2428.38	-29.94	2448.70	-30.70	2468.96	-30.82	2500.03	-30.99
2536.89	-31.64	2563.52	-31.78	2583.61	-32.04	2617.92	-32.39	2657.78	-33.11
2678.74	-33.23	2698.93	-33.51	2719.18	-33.91	2740.17	-34.21	2764.00	-34.31
2798.98	-34.40	2819.58	-35.10	2849.04	-35.07	2869.94	-35.17	2890.32	-35.49
2910.60	-35.89	2935.44	-36.16	2959.60	-36.33	3000.26	-36.64	3020.32	-37.15
3052.16	-36.88	3072.86	-37.25	3093.13	-37.64	3128.67	-37.62	3149.41	-37.93
3176.81	-38.14	3217.05	-38.52	3237.88	-39.10	3258.02	-38.77	3291.09	-38.68
3311.20	-39.07	3331.24	-39.13	3351.76	-39.61	3371.96	-39.73	3398.16	-39.90
3418.52	-40.48	3449.31	-40.33	3469.62	-40.85	3490.62	-40.71	3523.19	-40.91
3543.48	-41.55	3567.54	-41.48	3588.30	-41.97	3608.31	-41.72	3628.50	-41.77
3655.47	-42.34	3675.62	-42.80	3703.01	-42.34				

R-135 1972 1734826.99 674783.32 60.00 17.55

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072.15	13.84	073.36	13.87	073.79	7.07	077.49	6.72	088.11	6.25
103.21	5.47	118.84	4.75	137.19	3.93	155.85	3.27	172.69	3.01

190.06	2.69	210.53	2.12	231.34	1.56	252.01	1.05	275.06	0.59
296.53	0.23	317.08	-0.05	339.17	-0.38	360.32	-0.76	381.18	-1.13
414.52	-1.72	447.64	-2.08	476.58	-2.67	502.74	-3.25	526.76	-3.97
610.00	-6.81	630.12	-7.41	654.94	-8.10	676.74	-8.70	708.85	-8.49
730.10	-8.68	750.70	-7.86	770.73	-6.41	791.24	-5.94	817.28	-6.37
837.47	-7.10	858.26	-7.73	879.93	-8.19	901.18	-8.80	921.21	-9.63
941.65	-10.04	961.98	-10.59	982.48	-11.12	1002.63	-11.56	1023.09	-12.12
1057.22	-13.31	1077.48	-13.89	1097.59	-14.29	1118.22	-14.80	1138.38	-15.29
1170.81	-15.92	1190.94	-16.41	1211.23	-16.72	1231.65	-16.97	1251.84	-17.09
1271.92	-17.30	1295.76	-17.32	1326.82	-17.46	1348.90	-17.46	1377.54	-17.33
1398.60	-17.23	1418.85	-17.38	1438.87	-17.25	1462.92	-17.20	1484.36	-17.22
1504.53	-17.42	1524.94	-17.31	1548.27	-17.43	1585.40	-17.52	1606.05	-17.68
1641.05	-17.89	1661.35	-18.10	1681.45	-18.25	1701.64	-18.46	1742.08	-18.70
1763.36	-18.96	1790.20	-19.15	1810.55	-19.51	1830.96	-19.64	1862.58	-20.05
1882.92	-20.37	1906.11	-20.74	1926.64	-20.96	1946.84	-21.36	1980.91	-21.87
2001.14	-22.17	2021.65	-22.54	2041.76	-22.97	2061.87	-23.26	2095.74	-23.88
2116.39	-24.20	2136.78	-24.72	2157.14	-24.98	2177.62	-25.45	2209.88	-26.05
2230.27	-26.56	2251.86	-26.82	2272.01	-27.40	2292.04	-27.66	2314.85	-28.04
2335.07	-28.37	2355.46	-28.74	2375.61	-29.26	2395.64	-29.73	2423.05	-30.06
2461.01	-30.64	2481.15	-30.95	2501.52	-31.36	2521.75	-31.64	2544.95	-31.92
2565.55	-32.17	2585.97	-32.58	2606.26	-33.00	2628.33	-33.25	2663.11	-33.61
2683.76	-33.98	2703.85	-34.11	2725.89	-34.25	2745.92	-34.64	2766.10	-34.80
2793.95	-35.00	2814.82	-35.35	2835.11	-35.47	2865.04	-35.73	2885.55	-36.01
2905.69	-36.15	2925.74	-36.34	2946.17	-36.69	2966.23	-36.86	2986.24	-37.18
3026.04	-37.52	3046.17	-37.82	3080.12	-38.00	3100.23	-38.16	3126.33	-38.30
3159.98	-38.80	3198.15	-38.87	3221.95	-39.15	3257.24	-39.18	3277.76	-39.34
3297.88	-39.52	3321.69	-39.77	3348.19	-40.02	3387.88	-40.43	3408.02	-40.63
3432.48	-40.67	3466.18	-40.85	3486.58	-41.19	3520.58	-41.23	3540.72	-41.39
3561.63	-41.63	3581.84	-41.85	3602.06	-41.90	3624.32	-42.38	3644.84	-42.30
3665.31	-42.33								
R-136	1972	1734009.61	675268.60	60.00	17.37				
	07SEP23	20OCT23	166 00 27 139						
054.88	17.44	068.87	17.64	069.30	11.10	070.25	10.93	070.50	6.90
080.16	6.48	095.35	5.93	113.32	5.04	130.99	4.30	150.87	4.38
169.38	4.53	184.34	4.61	194.17	3.82	210.28	2.87	230.20	1.39
247.73	1.02	269.20	0.58	289.06	0.29	308.40	-0.01	326.47	-0.28
347.61	-0.63	367.31	-0.91	396.95	-1.36	426.47	-1.64	462.85	-2.73

485.15	-3.53	508.93	-4.27	576.88	-5.65	615.14	-7.26	635.38	-8.00
655.44	-8.68	679.55	-8.65	710.21	-8.64	730.28	-9.10	753.32	-9.09
773.67	-8.61	794.06	-7.21	835.90	-6.43	856.51	-7.15	877.48	-7.87
898.74	-8.64	920.06	-8.97	957.10	-9.89	977.32	-10.42	997.34	-10.77
1018.32	-11.70	1038.61	-12.55	1060.73	-13.45	1081.03	-13.88	1101.44	-14.20
1121.80	-14.67	1143.65	-14.99	1172.36	-15.33	1209.62	-15.86	1231.46	-16.76
1254.21	-16.85	1274.79	-17.05	1298.72	-17.03	1318.85	-17.36	1339.02	-17.04
1359.94	-16.86	1381.23	-16.72	1403.09	-16.70	1438.92	-16.51	1460.16	-16.91
1480.94	-17.17	1515.54	-17.16	1536.17	-17.52	1556.66	-17.24	1587.82	-17.18
1622.85	-17.38	1644.36	-17.62	1669.68	-17.63	1690.17	-18.15	1711.05	-18.01
1732.13	-18.14	1766.64	-18.74	1786.91	-19.07	1807.32	-19.29	1827.64	-19.54
1848.05	-19.89	1881.66	-20.24	1901.74	-20.64	1922.06	-21.12	1942.98	-21.44
1963.92	-21.84	1997.62	-22.20	2017.96	-22.56	2038.18	-22.86	2058.62	-23.44
2078.66	-23.59	2111.45	-24.28	2131.89	-24.95	2152.05	-25.33	2172.11	-25.53
2192.44	-25.74	2228.21	-26.53	2248.57	-27.13	2268.94	-27.43	2289.36	-27.80
2309.86	-28.34	2331.84	-28.68	2351.85	-29.08	2372.34	-29.40	2392.64	-29.65
2412.66	-30.11	2433.04	-30.37	2455.20	-30.56	2475.75	-31.04	2496.48	-31.54
2517.42	-31.85	2540.14	-32.00	2573.96	-32.39	2594.01	-32.78	2624.96	-33.06
2645.16	-33.41	2665.23	-33.98	2685.28	-33.73	2718.88	-34.13	2739.36	-34.54
2771.52	-34.63	2802.36	-35.14	2823.18	-35.41	2843.63	-35.58	2863.76	-35.57
2883.84	-35.87	2904.58	-36.31	2928.14	-36.18	2948.40	-36.23	2968.80	-36.46
2989.23	-36.81	3009.68	-37.05	3029.84	-37.33	3050.57	-37.26	3071.41	-37.30
3092.50	-37.70	3112.70	-38.03	3135.73	-38.17	3160.72	-38.51	3185.45	-38.46
3205.61	-38.61	3226.01	-38.82	3251.32	-38.84	3275.50	-39.01	3295.96	-39.58
3317.57	-39.28	3341.01	-39.52	3361.70	-40.04	3401.74	-40.26	3437.66	-40.13
3457.67	-40.59	3481.77	-40.56	3502.19	-40.83	3523.73	-41.08	3545.44	-41.01
3565.72	-41.34	3585.84	-41.77	3607.62	-41.68	3639.18	-41.58	3659.20	-41.85
3680.05	-42.03	3700.56	-42.25	3720.92	-42.47	3747.66	-42.34	3768.20	-42.65
3789.67	-42.66								

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059.88	15.99	071.49	16.16	077.37	14.53	081.21	13.27	083.01	10.81
083.05	7.84	091.19	6.95	107.31	6.29	124.34	5.16	140.87	4.58
155.50	3.82	172.81	3.73	177.97	4.07	191.16	4.31	207.19	4.49
225.12	4.35	240.15	3.13	260.21	1.41	280.07	0.88	299.17	0.48
320.34	0.11	340.33	-0.15	360.83	-0.48	379.42	-0.82	399.26	-1.13
417.86	-1.44	445.13	-1.86	471.20	-2.02	490.56	-2.28	518.46	-3.05

540.63	-3.69	563.02	-2.77	589.08	-4.03	609.58	-5.47	629.72	-6.47
650.16	-7.91	670.58	-8.91	690.81	-9.75	711.84	-9.32	732.85	-5.74
753.38	-3.87	775.56	-4.28	795.66	-5.10	815.89	-5.52	836.42	-5.91
865.22	-6.65	885.92	-7.35	909.13	-7.88	930.70	-8.74	956.20	-9.44
992.60	-10.35	1013.54	-11.00	1033.63	-11.73	1053.74	-12.27	1079.88	-13.04
1101.18	-13.61	1122.80	-14.22	1143.35	-14.72	1163.37	-15.26	1184.38	-15.73
1219.65	-16.08	1239.84	-16.45	1265.20	-16.60	1287.63	-16.83	1307.86	-16.73
1340.85	-16.78	1361.54	-16.83	1381.88	-16.70	1415.90	-16.89	1437.86	-16.71
1475.67	-16.82	1495.97	-16.87	1516.78	-16.80	1538.52	-16.98	1560.60	-16.96
1580.92	-17.33	1601.40	-17.21	1623.67	-17.37	1656.83	-17.73	1677.16	-17.75
1699.15	-17.85	1719.98	-18.06	1742.16	-18.24	1762.46	-18.46	1796.24	-18.91
1816.58	-19.11	1837.42	-19.32	1858.08	-19.63	1878.18	-20.18	1907.67	-20.48
1927.86	-20.69	1947.92	-21.32	1967.97	-21.63	2013.90	-22.27	2034.10	-22.63
2054.22	-22.92	2074.27	-23.22	2094.41	-23.69	2123.61	-24.32	2144.04	-24.78
2166.94	-25.19	2187.49	-25.46	2207.79	-25.75	2243.76	-26.58	2263.77	-26.99
2283.82	-27.46	2303.98	-27.77	2324.66	-28.03	2359.38	-28.87	2379.55	-29.02
2399.78	-29.45	2419.82	-29.72	2440.17	-30.21	2470.66	-30.54	2491.17	-30.99
2511.58	-31.33	2535.20	-31.51	2555.90	-31.67	2580.55	-32.05	2600.84	-32.26
2627.78	-32.76	2648.71	-33.06	2671.64	-33.14	2704.61	-33.61	2725.68	-33.89
2745.89	-34.02	2766.50	-34.18	2786.65	-34.62	2808.97	-34.79	2829.20	-35.16
2849.42	-35.30	2878.63	-35.52	2901.61	-35.63	2933.46	-35.86	2953.52	-36.11
2974.01	-36.37	2994.72	-36.61	3017.53	-36.86	3040.22	-36.96	3060.34	-37.18
3080.43	-37.30	3106.27	-37.43	3126.89	-37.49	3147.37	-37.92	3168.20	-38.27
3205.60	-38.37	3225.72	-38.52	3248.40	-38.56	3281.51	-38.92	3303.67	-39.26
3324.00	-39.54	3361.19	-39.73	3381.94	-39.97	3402.66	-40.05	3441.62	-40.42
3461.72	-40.65	3497.47	-40.52	3533.10	-40.86	3553.65	-40.97	3573.67	-41.05
3593.84	-41.19	3630.91	-41.46	3653.07	-41.56	3673.50	-41.67	3696.12	-41.64
R-138	1987	1732359.18	676145.90	60.00	12.84				
	07SEP23	20OCT23	160 00	33 127					

174.64	15.22	182.65	19.29	189.75	21.43	202.29	18.98	209.01	17.15
221.72	7.32	228.90	5.95	240.59	5.41	254.33	4.84	270.18	4.61
286.57	4.46	296.35	4.38	315.38	3.78	334.07	3.14	349.91	2.44
369.98	1.66	389.80	1.15	409.28	0.70	427.84	0.36	447.30	0.02
468.00	-0.34	489.48	-0.70	509.59	-1.08	528.78	-1.45	554.87	-1.90
562.04	-2.03	566.92	-1.88	586.75	-1.92	611.71	-2.32	637.45	-3.17
659.36	-3.91	674.68	-4.86	688.36	-5.87	717.78	-6.49	738.16	-7.83
758.84	-8.43	779.88	-8.86	801.04	-8.62	821.06	-8.18	842.75	-7.96

874.46	-7.57	896.18	-7.49	925.06	-7.30	945.30	-7.12	965.52	-6.23
1002.60	-6.79	1023.77	-7.69	1043.93	-8.42	1064.30	-9.20	1089.15	-9.88
1109.23	-10.51	1129.31	-11.18	1151.12	-11.64	1171.95	-12.44	1192.46	-13.18
1228.27	-13.85	1248.42	-14.44	1268.44	-14.65	1288.78	-15.22	1309.16	-15.89
1346.86	-15.89	1367.64	-16.33	1400.73	-16.24	1420.94	-16.62	1459.27	-16.79
1498.80	-16.61	1519.24	-16.45	1539.92	-16.32	1566.30	-16.37	1586.73	-16.69
1607.02	-16.86	1627.20	-16.75	1651.20	-16.99	1671.49	-17.20	1692.41	-17.17
1714.98	-17.13	1735.92	-17.43	1756.50	-17.33	1776.54	-17.25	1796.66	-17.80
1836.17	-18.37	1856.68	-18.52	1877.56	-18.85	1902.73	-18.94	1922.90	-19.43
1948.40	-19.12	1969.68	-19.68	1989.74	-20.10	2021.41	-20.50	2041.56	-20.87
2062.05	-21.54	2083.90	-21.46	2104.32	-21.69	2133.08	-22.15	2153.44	-22.54
2173.70	-23.00	2194.13	-23.50	2220.76	-24.06	2247.96	-24.54	2275.36	-25.00
2295.80	-25.62	2316.17	-25.88	2336.25	-26.19	2361.66	-26.65	2381.98	-27.16
2403.17	-27.36	2423.45	-27.77	2443.89	-28.45	2479.89	-28.52	2500.40	-29.02
2520.71	-29.52	2541.15	-29.75	2561.53	-30.30	2581.67	-30.28	2615.56	-30.98
2635.59	-31.13	2655.95	-31.66	2676.64	-31.81	2697.15	-32.18	2717.90	-32.45
2748.58	-32.50	2771.72	-32.84	2791.90	-33.21	2815.54	-33.52	2848.31	-33.63
2868.39	-33.89	2888.76	-34.45	2909.22	-34.49	2929.35	-35.00	2962.11	-34.90
2982.44	-35.37	3007.81	-35.20	3028.10	-35.83	3053.98	-35.76	3074.58	-36.12
3114.02	-36.42	3134.79	-36.49	3155.96	-36.51	3185.00	-36.52	3205.69	-37.29
3225.97	-37.02	3249.14	-37.23	3271.17	-37.55	3304.16	-37.83	3339.72	-37.92
3359.84	-38.40	3379.92	-38.55	3417.67	-38.94	3457.39	-39.12	3478.65	-39.03
3508.12	-39.29	3534.92	-39.57	3562.24	-39.72	3583.18	-40.18	3606.45	-39.83
3628.98	-40.09	3652.84	-40.51	3684.46	-40.57	3704.79	-40.93	3733.03	-40.88
R-139	1972	1731583.06	676640.58	60.00	15.74				
	07SEP23	20OCT23	164 00 34 130						
060.76	13.53	063.74	13.67	084.02	13.50	102.89	12.63	119.71	12.35
137.83	12.18	149.81	12.08	168.72	12.19	182.62	17.13	197.42	17.00
209.50	18.22	213.17	19.72	230.06	8.54	247.40	6.91	267.75	5.28
287.54	4.26	309.00	4.09	329.22	3.80	350.13	3.15	370.21	1.83
388.18	1.36	408.19	0.96	426.38	0.56	446.98	0.19	468.89	-0.15
490.28	-0.43	512.26	-0.77	532.56	-1.06	560.07	-1.50	591.09	-2.21
618.36	-3.03	646.42	-3.85	668.33	-4.58	684.30	-5.63	796.57	-9.69
826.35	-9.28	846.95	-5.41	872.03	-4.20	892.43	-5.03	913.04	-5.59
933.14	-6.11	953.52	-6.65	990.32	-7.67	1011.20	-7.93	1031.64	-8.46
1051.90	-9.18	1072.24	-9.78	1107.16	-10.73	1127.17	-11.27	1147.68	-11.77
1167.74	-12.39	1188.05	-12.87	1221.96	-13.72	1242.36	-14.35	1262.68	-14.76

1283.10	-15.05	1303.52	-15.56	1329.20	-15.90	1349.68	-16.22	1370.04	-16.28
1390.86	-16.45	1411.20	-16.67	1432.37	-16.70	1457.60	-16.69	1487.73	-16.65
1509.00	-16.81	1529.86	-16.71	1550.45	-16.74	1583.36	-16.54	1603.65	-16.64
1632.50	-16.69	1652.70	-16.78	1674.46	-16.76	1694.86	-17.11	1721.81	-17.18
1741.94	-17.35	1781.62	-17.56	1817.58	-17.86	1837.82	-17.94	1858.85	-18.18
1879.12	-18.46	1910.49	-18.69	1931.02	-19.04	1954.47	-19.17	1974.52	-19.55
1994.96	-19.77	2029.00	-20.33	2049.22	-20.67	2069.72	-21.18	2089.81	-21.45
2110.77	-21.83	2142.88	-22.54	2165.07	-22.86	2185.38	-23.13	2205.80	-23.53
2226.33	-23.90	2260.54	-24.52	2280.72	-24.90	2301.02	-25.26	2321.24	-25.69
2341.51	-26.14	2375.61	-26.61	2395.78	-26.88	2415.80	-27.51	2435.84	-27.71
2457.19	-28.01	2491.22	-28.58	2511.40	-29.03	2532.68	-29.18	2552.92	-29.59
2573.09	-29.95	2600.46	-30.42	2626.58	-30.76	2646.76	-31.21	2667.63	-31.35
2688.28	-31.72	2714.31	-32.05	2740.32	-32.34	2762.39	-32.44	2782.82	-32.78
2803.09	-32.91	2826.92	-33.21	2847.33	-33.34	2867.55	-33.67	2887.56	-33.84
2908.43	-34.14	2928.44	-34.32	2949.64	-34.45	2972.87	-34.74	2992.95	-35.01
3014.88	-35.01	3035.30	-35.28	3066.96	-35.58	3087.50	-35.79	3110.10	-36.04
3136.25	-36.22	3162.74	-36.58	3192.01	-36.64	3212.39	-36.87	3233.06	-36.90
3253.51	-37.21	3274.13	-37.44	3294.62	-37.72	3327.95	-37.85	3348.20	-38.03
3381.07	-38.25	3401.64	-38.39	3422.27	-38.48	3442.48	-38.56	3463.41	-38.90
3483.57	-39.08	3504.73	-39.06	3524.74	-39.45	3547.93	-39.69	3570.10	-39.67
3591.07	-39.56	3613.61	-40.00	3633.77	-40.15	3667.24	-40.33	3687.65	-40.46
3715.93	-40.56	3736.18	-40.91	3766.20	-40.84	3786.52	-40.97		
R-140	1978	1730906.62	677083.46	60.00	21.80				
	07SEP23	20OCT23	149 00 34 115						

167.19	15.57	172.18	16.40	179.17	16.44	192.49	15.14	198.81	13.97
203.41	13.05	209.24	12.01	220.70	10.96	223.85	9.76	245.25	7.71
261.11	6.71	275.12	5.67	290.51	4.74	305.55	4.02	320.20	4.10
335.32	4.25	352.45	4.42	369.96	3.98	390.13	1.89	406.89	1.49
427.14	1.02	446.94	0.58	466.34	0.27	488.91	-0.09	508.30	-0.35
526.74	-0.63	546.21	-0.89	568.94	-1.23	587.00	-1.43	607.94	-1.81
636.05	-2.55	660.92	-3.35	696.16	-4.44	712.95	-5.54	811.41	-9.14
837.41	-9.46	858.32	-9.11	887.11	-9.38	910.02	-9.05	934.12	-8.78
954.54	-7.53	974.62	-6.20	1000.66	-6.03	1020.82	-6.53	1047.48	-7.99
1070.14	-8.58	1096.06	-8.88	1116.64	-9.51	1137.08	-10.13	1173.07	-11.10
1193.28	-11.98	1213.59	-12.18	1233.87	-12.90	1254.10	-13.65	1275.16	-14.26
1295.48	-14.74	1316.37	-15.34	1336.61	-15.85	1356.69	-16.17	1377.81	-16.41
1399.55	-16.39	1427.60	-16.25	1452.30	-16.02	1491.49	-16.19	1515.95	-16.21

1536.38	-16.33	1556.40	-16.65	1582.41	-16.63	1602.45	-16.83	1629.47	-16.73
1649.70	-16.85	1669.85	-16.83	1698.22	-16.86	1718.86	-16.90	1740.02	-16.87
1760.30	-17.36	1789.75	-17.36	1810.19	-17.54	1830.86	-17.94	1858.35	-18.16
1879.63	-18.49	1900.08	-18.67	1924.63	-19.00	1944.67	-19.18	1971.55	-19.31
1993.04	-19.51	2013.23	-19.99	2041.60	-20.50	2061.66	-20.77	2087.26	-21.22
2108.07	-21.69	2128.63	-22.44	2148.80	-22.92	2177.01	-22.53	2211.42	-23.29
2231.96	-23.73	2252.05	-24.04	2272.54	-24.48	2292.83	-24.87	2332.34	-25.67
2352.77	-26.29	2391.62	-26.64	2412.40	-27.47	2432.74	-27.68	2461.80	-27.84
2482.66	-28.37	2503.47	-28.35	2523.89	-29.00	2552.21	-29.36	2572.32	-29.69
2592.75	-30.07	2618.42	-30.10	2638.49	-30.60	2670.62	-30.99	2693.63	-31.24
2713.96	-31.45	2741.70	-31.83	2762.17	-32.14	2791.74	-32.64	2812.06	-32.68
2841.28	-32.89	2866.24	-33.09	2891.32	-33.38	2911.56	-33.75	2931.76	-34.14
2964.92	-34.17	2984.98	-34.44	3010.51	-34.68	3033.98	-34.85	3054.15	-35.22
3076.37	-35.45	3112.20	-35.42	3148.74	-35.77	3168.76	-36.31	3189.60	-36.09
3210.09	-36.23	3230.48	-36.57	3250.79	-36.80	3285.54	-36.84	3310.06	-37.26
3330.48	-37.43	3366.72	-37.33	3387.00	-37.71	3407.37	-38.00	3442.07	-38.12
3465.22	-38.48	3490.18	-38.26	3510.52	-38.55	3540.39	-38.57		

R-141	1983	1730113.55	677572.17	60.00	15.64
	07SEP23	20OCT23	147 00 28 119		

272.76	13.68	272.95	13.76	273.93	13.67	274.28	10.90	283.31	9.16
293.74	7.42	311.56	6.43	328.40	5.14	347.71	4.22	365.57	4.03
382.38	3.88	400.71	3.62	420.82	3.04	441.30	2.36	460.41	1.68
480.26	0.78	499.23	0.34	517.61	0.00	538.15	-0.29	558.76	-0.61
578.79	-0.96	600.96	-0.91	620.32	-1.08	652.38	-1.75	681.69	-2.67
709.62	-3.60	733.58	-5.01	740.11	-5.36	862.36	-7.05	882.99	-7.46
903.90	-7.56	934.35	-7.66	954.72	-7.35	980.28	-7.24	1009.07	-7.11
1034.71	-6.90	1068.24	-6.44	1089.09	-6.77	1109.67	-7.49	1130.76	-8.19
1151.22	-9.02	1178.96	-10.07	1199.99	-10.75	1223.20	-11.43	1243.44	-12.04
1263.72	-12.68	1283.89	-13.18	1316.39	-14.29	1336.62	-14.49	1356.86	-15.01
1376.94	-15.34	1400.34	-15.64	1420.60	-15.85	1441.54	-16.02	1462.70	-16.18
1519.25	-16.34	1539.39	-16.39	1560.48	-16.25	1591.00	-16.18	1611.38	-16.34
1643.29	-16.54	1664.42	-16.61	1737.98	-16.73	1771.88	-16.86	1791.97	-17.04
1813.77	-17.11	1834.26	-17.33	1854.29	-17.71	1874.34	-17.87	1906.28	-18.16
1939.50	-18.46	1959.53	-18.64	1993.58	-19.12	2013.96	-19.33	2034.19	-19.56
2054.64	-19.84	2075.14	-20.32	2108.72	-20.77	2129.37	-20.96	2149.51	-21.45
2169.88	-21.89	2189.96	-22.14	2221.42	-22.66	2241.83	-22.99	2262.04	-23.34
2282.38	-24.00	2303.87	-24.22	2340.40	-24.82	2360.56	-25.24	2380.89	-25.54

2400.91	-25.81	2421.22	-26.14	2454.93	-26.81	2475.06	-27.18	2495.21	-27.43
2515.54	-27.74	2535.68	-28.16	2571.38	-28.74	2591.84	-28.97	2611.99	-29.30
2632.39	-29.66	2652.67	-29.86	2678.40	-30.42	2705.99	-30.66	2726.38	-30.99
2746.41	-31.14	2766.86	-31.45	2788.15	-31.80	2810.42	-32.00	2835.22	-32.29
2856.05	-32.44	2876.36	-32.67	2896.59	-33.07	2931.21	-33.43	2957.50	-33.74
2985.87	-33.98	3006.72	-34.14	3040.15	-34.52	3066.47	-34.69	3086.65	-35.03
3106.65	-35.33	3126.88	-35.46	3164.34	-35.79	3190.72	-35.97	3211.84	-36.22
3253.44	-36.61	3273.45	-36.75	3295.46	-36.87	3315.52	-37.01	3335.79	-37.22
3356.60	-37.53	3395.81	-37.77	3418.40	-37.93	3439.06	-37.99	3460.40	-38.14
3486.43	-38.29	3507.65	-38.35	3530.52	-38.55	3551.55	-38.82	3571.85	-38.93
3595.28	-38.87	3617.89	-39.19	3638.34	-39.29	3659.76	-39.47	3696.20	-39.48
3716.40	-39.87	3736.76	-39.57						

R-142	1987	1729367.65	678337.11	60.00	14.29
	07SEP23	20OCT23	159 00 29 130		

045.27	14.99	050.72	14.05	054.74	13.10	061.05	12.51	066.56	12.28
072.24	9.17	075.01	9.35	095.79	7.03	115.68	5.92	135.04	4.88
155.35	4.14	177.92	4.14	199.70	3.80	222.07	3.71	233.43	3.19
258.98	1.94	280.09	1.12	300.87	0.29	321.24	-0.02	340.74	-0.31
358.59	-0.62	375.92	-1.00	395.82	-1.44	417.81	-1.84	439.10	-2.19
466.41	-2.76	495.71	-3.73	514.04	-4.01	540.26	-5.45	606.83	-7.27
627.54	-7.80	648.62	-7.97	669.47	-8.47	691.96	-8.37	712.64	-8.66
738.20	-9.21	759.25	-8.54	779.39	-8.21	799.94	-7.27	820.04	-6.65
843.94	-6.83	864.60	-7.41	892.39	-7.86	913.15	-8.59	933.23	-9.29
954.28	-9.73	975.08	-10.62	1013.90	-11.61	1034.23	-12.27	1054.36	-12.68
1074.82	-13.24	1107.09	-13.93	1127.12	-14.27	1147.40	-14.63	1167.50	-15.39
1187.74	-15.76	1219.38	-16.20	1240.07	-16.07	1260.66	-16.11	1280.75	-16.00
1311.96	-16.14	1332.00	-16.39	1352.35	-16.31	1375.94	-16.35	1395.95	-16.49
1417.07	-16.21	1443.42	-16.20	1463.54	-16.49	1499.97	-16.58	1520.06	-16.81
1543.95	-16.75	1567.31	-16.67	1592.32	-16.78	1612.48	-17.07	1634.99	-17.45
1655.34	-18.00	1692.95	-17.98	1713.16	-18.08	1733.34	-18.29	1753.71	-18.81
1774.12	-19.35	1794.40	-19.50	1821.99	-19.45	1844.21	-19.85	1864.52	-20.43
1884.67	-20.59	1912.10	-21.09	1932.22	-21.43	1958.82	-21.73	1979.18	-22.12
1999.25	-22.48	2027.39	-22.89	2047.58	-23.37	2067.78	-23.66	2088.01	-24.26
2115.06	-24.15	2147.90	-25.07	2168.06	-25.63	2188.30	-26.02	2211.20	-26.09
2231.26	-26.45	2261.06	-27.09	2283.44	-27.73	2306.20	-27.93	2326.52	-28.53
2346.92	-28.44	2380.85	-29.09	2401.06	-29.24	2421.44	-29.44	2441.81	-30.10
2462.05	-30.15	2497.89	-30.64	2517.94	-31.06	2539.87	-31.20	2573.16	-31.37

2593.46	-31.76	2624.40	-32.06	2644.92	-32.47	2672.21	-32.49	2692.97	-32.88
2716.93	-32.85	2736.96	-33.16	2764.41	-33.47	2784.56	-33.82	2804.96	-34.09
2825.06	-34.41	2861.32	-33.82	2881.61	-34.21	2902.59	-34.23	2922.71	-34.86
2942.90	-34.00	2970.43	-33.70	2990.73	-33.34	3011.98	-32.89	3040.02	-32.58
3060.95	-32.55	3081.57	-32.90	3101.76	-33.37	3121.93	-33.88	3142.25	-34.37
3170.92	-34.60	3191.58	-35.17	3211.61	-35.02	3245.12	-34.69	3270.66	-35.29
3306.73	-35.56	3330.77	-36.19	3364.94	-36.13	3386.10	-36.28	3412.52	-36.33
3432.62	-36.66	3452.67	-37.01	3475.72	-37.10	3496.77	-37.26	3534.26	-37.13
3554.98	-37.46	3576.75	-37.97	3597.69	-37.94	3625.48	-38.83		
R-143	1987	1728696.58	678862.81	60.00	14.55				
	07SEP23	20OCT23	165 00	31 134					

-000.10	14.52	000.46	14.53	000.62	14.50	013.34	14.84	020.41	14.45
032.07	14.09	044.74	12.37	058.27	9.20	075.89	7.40	094.65	5.81
113.30	4.60	132.56	3.84	151.94	4.16	172.18	4.14	193.46	3.89
217.89	2.74	239.92	1.62	260.39	0.70	279.67	0.41	300.19	0.04
322.29	-0.21	341.75	-0.51	364.41	-0.68	385.61	-0.90	405.93	-1.18
426.57	-1.56	444.79	-1.88	470.84	-2.54	493.77	-3.34	514.51	-4.38
538.73	-6.05	583.93	-5.82	604.00	-6.71	624.45	-8.03	659.83	-8.00
679.88	-8.10	704.23	-8.47	725.00	-8.09	745.56	-7.17	766.08	-5.93
786.10	-5.80	815.03	-6.22	845.80	-6.95	866.15	-7.42	886.57	-8.17
906.60	-8.91	928.30	-9.62	964.42	-10.84	984.62	-11.45	1004.91	-12.09
1026.28	-12.94	1046.54	-13.41	1074.18	-14.15	1094.58	-14.64	1114.70	-15.05
1134.80	-15.47	1155.18	-15.75	1184.24	-15.97	1208.69	-15.94	1229.95	-16.14
1250.76	-15.96	1270.80	-16.00	1291.70	-15.94	1311.74	-15.86	1334.15	-15.93
1354.29	-16.10	1375.09	-16.06	1400.60	-16.37	1420.84	-16.29	1441.41	-16.53
1462.58	-16.50	1484.40	-16.69	1504.41	-16.89	1528.06	-16.92	1548.35	-17.07
1568.48	-17.37	1588.70	-17.52	1609.00	-17.66	1634.06	-18.01	1654.32	-18.78
1675.00	-18.56	1698.47	-18.76	1718.56	-18.86	1738.91	-19.17	1774.14	-19.70
1794.56	-19.90	1814.88	-20.22	1834.94	-20.52	1854.97	-20.87	1883.38	-21.24
1903.41	-21.71	1923.89	-22.01	1949.40	-22.21	1969.77	-22.72	2002.46	-23.11
2023.21	-23.47	2043.37	-23.80	2063.47	-24.23	2083.91	-24.41	2119.32	-25.10
2139.89	-25.33	2160.28	-25.68	2181.06	-25.91	2201.20	-26.38	2227.86	-26.62
2248.05	-27.07	2268.10	-27.42	2288.98	-27.61	2309.15	-27.91	2343.32	-28.21
2363.92	-28.40	2386.16	-28.69	2406.19	-28.91	2426.41	-29.23	2446.70	-30.08
2470.62	-29.71	2498.78	-29.93	2519.10	-30.16	2539.73	-30.14	2560.04	-30.44
2580.60	-30.69	2601.77	-30.78	2622.00	-30.93	2642.45	-31.05	2662.58	-31.34
2689.33	-31.56	2709.61	-31.77	2729.92	-31.96	2754.92	-32.15	2776.48	-32.26

2799.42	-32.36	2828.23	-32.49	2848.34	-32.70	2869.57	-32.79	2894.24	-32.91
2930.65	-33.15	2951.30	-33.21	2971.99	-33.36	2994.56	-33.77	3015.66	-33.91
3035.96	-33.68	3070.36	-33.86	3091.38	-34.14	3114.96	-34.47	3137.66	-34.50
3168.65	-34.57	3191.08	-34.64	3211.94	-34.85	3239.21	-35.13	3267.40	-35.43
3288.44	-35.74	3308.88	-36.11	3329.65	-35.92	3349.82	-35.72	3374.51	-35.82
3395.42	-35.91	3433.79	-35.80	3454.47	-36.19	3480.95	-36.32	3501.49	-36.60
3539.57	-36.68	3560.52	-36.79	3580.59	-36.92	3600.97	-37.15	3621.79	-37.28
R-144	1987	172784	47.52	679380.63	60.00	12.14			
	07SEP23	20OCT23	161	00	33	128			

059.92	13.70	067.61	12.72	083.04	12.36	102.43	12.84	112.51	13.52
119.04	12.77	126.92	12.62	134.01	11.77	135.43	11.09	149.16	8.20
166.29	6.84	182.55	5.84	204.32	4.71	225.13	4.03	246.08	4.02
267.95	3.57	291.02	2.85	314.28	2.01	335.19	1.25	350.28	0.29
365.11	0.06	383.80	-0.35	403.18	-0.66	422.54	-1.01	442.41	-1.47
460.05	-1.75	479.37	-2.01	501.70	-2.39	527.02	-2.57	548.53	-2.96
567.57	-3.66	591.79	-4.26	608.40	-5.15	677.10	-6.12	709.85	-7.27
729.92	-8.08	752.82	-8.64	776.60	-8.51	797.07	-6.98	817.50	-5.44
848.81	-5.02	869.38	-5.27	889.76	-5.73	910.20	-6.50	941.56	-7.95
961.68	-8.81	984.64	-9.36	1005.16	-9.96	1025.55	-10.48	1050.16	-11.32
1070.76	-11.80	1101.00	-12.45	1121.04	-13.09	1141.11	-13.63	1176.25	-14.45
1196.46	-14.85	1217.77	-15.39	1243.66	-15.39	1263.86	-16.03	1284.06	-15.57
1304.74	-15.25	1326.75	-15.48	1356.28	-15.71	1376.62	-15.89	1398.44	-15.92
1419.00	-15.79	1445.14	-15.76	1465.34	-16.02	1499.64	-16.07	1532.32	-16.15
1552.76	-16.46	1577.69	-16.85	1602.47	-16.60	1641.07	-17.28	1661.44	-17.43
1683.52	-17.51	1710.98	-17.79	1747.38	-18.05	1767.48	-18.25	1793.25	-18.50
1813.66	-18.65	1834.18	-19.10	1857.84	-19.65	1878.62	-19.99	1908.03	-20.13
1928.14	-20.42	1949.23	-20.66	1986.26	-21.23	2006.57	-21.69	2027.44	-21.79
2047.82	-22.38	2067.94	-23.19	2088.29	-23.32	2119.92	-23.25	2140.22	-23.65
2160.35	-24.06	2180.86	-24.32	2209.44	-24.72	2229.78	-25.54	2250.02	-25.87
2288.72	-26.07	2308.85	-26.87	2329.20	-26.59	2350.24	-26.69	2370.38	-26.98
2390.42	-27.40	2410.44	-27.48	2436.92	-27.68	2457.47	-28.15	2477.52	-28.43
2500.19	-28.84	2521.01	-28.81	2550.28	-29.14	2580.14	-29.38	2600.92	-29.49
2622.68	-29.63	2642.78	-29.88	2681.56	-30.23	2701.93	-30.52	2723.76	-30.69
2744.12	-30.66	2774.17	-30.74	2804.58	-31.00	2827.12	-31.18	2848.91	-31.29
2869.19	-31.59	2889.46	-31.85	2911.50	-31.98	2931.59	-32.18	2965.85	-32.08
2987.03	-32.27	3026.60	-32.47	3046.80	-32.94	3067.58	-32.89	3106.18	-33.27
3126.28	-33.46	3149.14	-33.13	3170.98	-33.28	3191.48	-33.48	3211.64	-33.85

3239.42	-34.02	3259.70	-34.04	3280.06	-34.40	3302.78	-34.28	3326.04	-34.14
3353.43	-34.52	3373.55	-34.93	3394.88	-35.01	3434.29	-34.96	3454.42	-35.40
3474.47	-35.27	3507.81	-35.67	3528.04	-36.03	3549.06	-35.80	3584.44	-36.00
3604.63	-36.11	3624.84	-36.26	3660.84	-36.55	3680.98	-36.66	3709.07	-37.03
3729.13	-37.11								
R-145	1987	1727144.70	679907.06	60.00	12.13				
	07SEP23	20OCT23	161 00 35 126						

-000.58	11.68	000.12	12.01	006.29	12.32	021.82	8.94	035.62	7.80
043.16	8.95	053.32	10.30	060.34	11.75	079.97	12.97	095.52	8.95
103.48	8.48	110.88	6.99	135.49	6.22	156.68	5.74	179.87	4.90
201.75	4.17	226.28	4.00	249.72	4.05	270.43	3.70	292.83	2.79
314.95	1.90	330.30	1.21	349.28	0.84	367.67	0.50	386.48	0.23
407.16	-0.03	426.97	-0.33	446.38	-0.65	467.42	-1.04	489.06	-1.42
508.93	-1.64	538.35	-2.10	564.94	-2.82	588.34	-3.44	628.00	-4.85
764.11	-5.20	786.58	-5.77	807.36	-6.37	831.76	-6.58	853.14	-6.14
873.26	-6.23	911.15	-7.16	931.91	-8.28	952.19	-8.86	972.27	-9.55
992.51	-10.30	1012.95	-11.22	1035.05	-11.71	1057.18	-11.98	1077.43	-12.53
1097.53	-12.92	1118.04	-13.49	1155.70	-14.09	1183.29	-14.35	1204.85	-14.47
1225.12	-14.67	1256.15	-14.89	1276.49	-15.06	1297.87	-15.09	1318.92	-15.17
1339.84	-15.21	1360.08	-15.30	1381.01	-15.38	1416.28	-15.50	1440.97	-15.52
1467.18	-15.69	1502.80	-15.77	1522.91	-16.01	1543.76	-16.26	1563.86	-16.43
1592.96	-16.50	1615.04	-16.68	1646.38	-16.84	1667.11	-16.97	1687.26	-17.20
1720.13	-17.53	1740.47	-17.76	1760.57	-18.13	1781.07	-18.27	1802.27	-18.55
1836.33	-18.97	1856.80	-19.19	1877.28	-19.59	1897.77	-19.90	1918.46	-20.17
1953.37	-20.62	1974.10	-21.06	1994.54	-21.25	2014.94	-21.64	2035.09	-22.01
2066.98	-22.44	2087.90	-22.72	2108.06	-22.96	2128.39	-23.33	2148.41	-23.67
2182.11	-24.16	2202.32	-24.29	2222.40	-24.55	2242.48	-24.88	2262.54	-25.01
2283.04	-25.51	2303.30	-25.82	2330.91	-26.08	2359.18	-26.41	2379.78	-26.90
2410.36	-27.15	2432.06	-27.39	2453.16	-27.55	2473.20	-27.82	2495.39	-27.88
2523.97	-28.39	2549.42	-28.46	2577.12	-28.60	2597.19	-28.82	2617.42	-29.04
2655.74	-29.25	2676.94	-29.34	2697.76	-29.58	2726.98	-29.86	2764.77	-30.10
2784.95	-30.25	2805.07	-30.43	2826.07	-30.56	2866.29	-30.74	2886.54	-30.86
2910.32	-31.03	2934.57	-31.23	2955.20	-31.40	2979.06	-31.40	3019.17	-31.55
3039.24	-31.70	3060.96	-31.73	3081.77	-31.96	3110.84	-32.04	3132.50	-32.16
3168.51	-32.33	3188.64	-32.57	3208.90	-32.60	3241.04	-32.90	3268.88	-33.05
3289.19	-33.09	3312.29	-33.29	3332.42	-33.51	3355.28	-33.50	3387.91	-33.69
3408.85	-33.84	3431.86	-33.89	3452.67	-34.08	3475.15	-34.27	3495.30	-34.54

3516.49 -34.43 3538.49 -34.53 3568.00 -34.75 3588.12 -34.80 3608.54 -35.02
3629.12 -35.12 3651.66 -35.18 3690.40 -35.41 3710.42 -35.61 3731.61 -35.66
3751.92 -35.76

R-146 1987 1726371.37 680512.70 60.00 11.42
07SEP23 19OCT23 204 00 35 169

000.48 10.26 018.48 9.77 034.75 10.68 050.27 11.71 058.98 10.78
075.67 8.16 085.05 7.28 103.24 8.96 112.13 9.74 114.68 8.30
118.85 7.19 132.99 6.21 150.41 5.96 170.99 5.28 190.99 4.64
212.43 3.99 235.80 4.04 258.75 3.73 279.07 3.39 299.72 2.85
320.15 2.23 340.21 1.20 359.44 0.80 380.02 0.48 402.24 0.18
423.03 -0.04 443.83 -0.27 463.84 -0.46 484.51 -0.73 507.36 -1.35
527.08 -1.95 554.24 -2.84 584.35 -3.89 606.31 -5.33 625.58 -6.46
769.53 -4.53 804.04 -4.91 828.29 -5.76 848.36 -6.39 870.37 -7.12
892.05 -7.28 912.12 -7.70 933.85 -7.90 968.88 -8.02 988.96 -8.56
1023.48 -9.29 1043.56 -9.98 1063.60 -10.16 1083.76 -10.73 1104.60 -11.29
1139.08 -12.19 1159.39 -12.44 1179.44 -12.76 1199.84 -13.17 1219.87 -13.49
1250.89 -13.76 1271.40 -13.87 1292.33 -14.07 1313.60 -14.10 1333.99 -14.18
1354.49 -14.55 1380.93 -14.63 1401.55 -14.89 1429.61 -15.13 1465.58 -15.31
1485.97 -15.88 1509.14 -15.96 1534.44 -16.10 1555.37 -16.26 1589.58 -16.16
1611.59 -16.29 1631.84 -16.53 1652.22 -16.80 1679.64 -17.10 1716.90 -17.52
1737.16 -17.79 1775.48 -17.86 1795.84 -18.42 1816.10 -18.69 1852.25 -18.71
1872.40 -18.97 1892.54 -19.27 1912.61 -19.56 1939.78 -20.06 1959.86 -20.28
1980.50 -20.57 2006.64 -20.93 2026.81 -21.23 2053.56 -21.64 2073.74 -21.76
2093.83 -22.12 2114.40 -22.51 2143.52 -22.90 2172.06 -23.28 2192.53 -23.63
2213.03 -24.02 2233.43 -24.46 2258.88 -24.20 2286.26 -24.74 2306.99 -25.07
2327.23 -25.28 2348.12 -25.58 2368.24 -25.77 2401.91 -26.23 2422.25 -26.44
2451.91 -26.49 2472.05 -26.99 2492.44 -27.13 2521.09 -27.27 2541.82 -27.46
2565.14 -27.55 2592.94 -27.86 2613.18 -28.04 2647.05 -28.17 2667.30 -28.65
2687.50 -29.03 2708.08 -28.97 2729.06 -28.83 2757.11 -29.03 2777.28 -29.46
2798.21 -29.44 2833.90 -29.59 2870.66 -29.86 2891.56 -30.17 2912.20 -30.26
2949.99 -30.00 2970.03 -30.53 3009.59 -30.44 3030.06 -30.84 3050.32 -30.92
3091.14 -30.88 3111.71 -30.97 3132.01 -31.36 3152.03 -31.12 3172.88 -31.38
3193.21 -31.44 3221.89 -31.58 3255.94 -31.83 3283.50 -31.81 3304.97 -32.06
3326.04 -32.33 3365.95 -32.18 3386.93 -32.40 3407.08 -32.81 3435.08 -32.66
3455.38 -33.11 3476.36 -33.11 3512.79 -33.26 3548.48 -33.17 3568.87 -33.44
3589.24 -33.59 3620.06 -34.13 3640.82 -34.22 3673.52 -34.11 3701.81 -34.17
3722.71 -34.25 3759.41 -34.40 3780.32 -34.88 3800.43 -35.00 3823.13 -35.12

3845.27	-35.05	3865.61	-35.18	3886.00	-35.61	3906.06	-35.74	3926.47	-35.49
3958.45	-35.92	3979.32	-36.26	4011.92	-36.20	4032.74	-36.35	4053.16	-36.79
4089.57	-36.67	4109.77	-37.00	4145.28	-36.92	4165.60	-36.98	4185.92	-37.27
4206.12	-37.58	4233.90	-37.59	4254.77	-37.89	4275.40	-37.95	4315.07	-38.14
4335.45	-38.63	4357.51	-38.51	4384.78	-38.64	4405.06	-38.89	4425.88	-38.77
4451.76	-39.40	4477.19	-39.46	4498.00	-39.55	4525.00	-39.88	4549.24	-40.02
4588.65	-40.28	4609.38	-40.46	4629.77	-40.68	4656.05	-40.67	4676.14	-41.18
4696.80	-41.41	4717.18	-41.47	4742.58	-41.73	4763.10	-42.01	4783.51	-42.21
4803.98	-42.34	4836.48	-42.31	4856.56	-42.80	4876.72	-43.46		
R-147	1978	1725569.47	681037.32	60.00	7.49				
	07SEP23	19OCT23	206 00	43 163					

-001.62	6.82	013.47	5.98	025.79	7.33	039.22	10.29	055.72	13.66
068.15	13.36	081.38	13.47	096.08	13.21	101.23	12.73	115.03	11.42
118.75	10.54	134.63	10.05	143.32	9.25	149.91	7.99	155.21	8.75
161.23	7.52	175.78	7.06	194.89	6.68	216.98	6.25	237.47	5.93
256.90	5.49	277.10	4.71	296.99	4.33	312.15	3.88	323.38	3.79
344.18	3.43	368.29	3.34	392.47	3.50	418.01	3.00	439.93	2.18
460.04	0.59	481.42	0.17	501.61	-0.20	523.00	-0.59	545.71	-1.05
567.17	-1.59	585.03	-1.91	613.98	-2.40	643.71	-3.08	666.65	-3.80
685.37	-4.37	692.80	-4.85	711.14	-5.83	795.48	-7.76	815.91	-7.99
836.20	-5.51	863.58	-4.11	883.67	-4.51	903.81	-4.78	933.38	-5.66
953.76	-5.85	974.10	-6.13	1013.28	-7.09	1033.78	-7.56	1053.81	-8.10
1074.59	-8.45	1099.26	-9.44	1120.15	-9.80	1140.97	-10.31	1170.74	-10.53
1191.28	-10.91	1216.71	-11.40	1236.72	-11.91	1256.97	-12.45	1278.89	-12.87
1299.48	-13.29	1320.06	-13.53	1341.92	-13.57	1362.76	-13.71	1385.58	-13.88
1422.02	-14.03	1443.63	-14.10	1472.08	-14.32	1493.38	-14.36	1530.08	-14.65
1550.34	-14.90	1574.55	-14.78	1597.02	-15.08	1621.96	-15.18	1643.40	-15.32
1681.64	-15.52	1701.75	-15.64	1725.77	-15.80	1746.38	-15.98	1767.16	-16.13
1790.80	-16.58	1811.58	-16.65	1835.78	-16.99	1856.66	-17.18	1877.16	-17.38
1897.60	-17.71	1931.82	-17.93	1952.00	-18.18	1972.69	-18.34	1993.04	-18.77
2013.88	-19.05	2053.88	-19.47	2074.16	-19.79	2094.46	-19.97	2114.73	-20.31
2148.42	-20.79	2168.56	-21.11	2188.72	-21.35	2209.02	-21.77	2229.75	-21.89
2256.11	-22.31	2276.14	-22.55	2299.61	-22.72	2319.80	-23.13	2340.23	-23.28
2379.41	-23.71	2399.80	-24.07	2424.82	-24.18	2445.97	-24.37	2467.20	-24.88
2494.20	-24.99	2514.45	-25.29	2536.94	-25.38	2561.94	-25.64	2583.99	-25.73
2623.64	-26.14	2644.56	-26.32	2665.46	-26.49	2685.84	-26.64	2706.11	-26.89
2731.25	-27.04	2751.50	-27.39	2788.65	-27.62	2808.66	-27.71	2830.22	-27.90

2860.31	-28.05	2881.17	-28.17	2902.44	-28.23	2922.66	-28.41	2959.96	-28.63
2980.79	-28.74	3018.85	-28.96	3039.06	-29.14	3059.12	-29.17	3079.41	-29.34
3099.50	-29.41	3119.86	-29.60	3150.59	-29.65	3171.38	-29.85	3203.82	-29.94
3224.33	-30.05	3254.21	-30.23	3274.98	-30.43	3301.99	-30.47	3325.94	-31.07
3346.65	-30.60	3367.28	-30.88	3393.14	-30.86	3413.87	-30.97	3451.18	-31.19
3477.23	-31.40	3499.91	-31.38	3533.62	-31.54	3554.32	-31.71	3583.06	-31.74
3614.77	-31.83	3655.00	-32.05	3675.27	-32.27	3695.53	-32.45	3731.36	-32.46
3755.20	-32.79	3778.55	-32.95	3811.55	-33.19	3831.93	-33.40	3864.98	-33.54
3894.32	-33.57	3915.06	-33.66	3935.17	-33.87	3955.67	-33.77	3987.84	-34.15
4008.34	-34.23	4034.44	-34.34	4055.79	-34.46	4076.28	-34.69	4099.27	-34.73
4120.63	-35.00	4142.00	-35.09	4167.87	-35.29	4193.70	-35.34	4221.66	-35.55
4242.86	-35.85	4263.08	-36.01	4283.82	-36.20	4307.03	-36.32	4327.26	-36.51
4358.62	-36.61	4378.66	-36.90	4403.90	-37.05	4424.28	-37.11	4454.58	-37.41
4481.43	-37.57	4503.34	-37.76	4524.61	-38.12	4545.13	-38.26	4579.58	-38.51
4600.59	-38.73	4620.81	-38.94	4648.14	-39.24	4686.48	-39.49	4706.72	-39.84
4726.79	-40.07								

R-148	1987	1724927.46	681570.51	60.00	14.94
	07SEP23	19OCT23	215 00 35 180		

000.37	14.89	004.57	14.37	015.36	14.70	030.42	15.15	048.89	25.84
058.57	18.84	072.85	12.13	091.61	8.83	110.47	7.61	132.05	6.78
149.69	6.47	168.15	6.14	188.82	5.80	209.27	5.86	234.70	5.52
255.90	4.79	276.63	4.18	298.23	3.96	320.03	4.17	342.63	4.54
362.88	2.52	380.27	1.26	400.19	0.36	420.93	-0.04	443.86	-0.29
463.75	-0.59	484.37	-1.07	504.40	-1.63	524.01	-2.28	548.20	-3.35
570.89	-4.46	591.70	-5.45	599.90	-6.30	604.56	-6.06	613.72	-6.90
710.73	-5.88	731.55	-6.55	764.00	-6.18	784.16	-5.53	804.18	-5.14
834.57	-4.89	861.15	-5.09	881.18	-5.06	913.74	-5.37	934.42	-6.41
973.75	-7.64	1002.42	-8.02	1024.48	-8.58	1049.45	-8.66	1079.32	-9.31
1099.44	-10.21	1120.07	-11.11	1140.26	-11.22	1163.28	-11.35	1191.90	-11.64
1212.77	-11.83	1233.74	-12.02	1253.89	-12.41	1301.01	-13.37	1321.34	-13.53
1341.96	-13.80	1362.03	-14.03	1382.76	-14.18	1405.48	-14.30	1425.63	-14.61
1445.89	-14.93	1484.08	-14.82	1504.20	-15.06	1524.56	-14.86	1551.82	-15.06
1571.94	-15.23	1607.62	-15.36	1637.24	-15.77	1657.47	-15.46	1695.76	-15.45
1716.44	-15.73	1737.18	-15.66	1761.94	-16.02	1786.55	-16.12	1807.13	-16.25
1834.94	-16.20	1858.33	-16.46	1878.40	-17.00	1907.18	-16.87	1929.88	-17.18
1950.36	-16.99	1976.58	-17.48	1997.19	-17.44	2017.38	-17.60	2037.41	-17.90
2076.21	-17.98	2096.27	-18.68	2135.38	-18.74	2155.66	-19.18	2176.04	-19.37

2196.45	-19.46	2223.82	-19.52	2243.90	-19.99	2264.14	-20.52	2284.56	-20.91
2305.42	-20.99	2339.10	-21.08	2360.75	-21.22	2381.38	-21.51	2402.19	-21.73
2422.41	-22.17	2443.23	-22.54	2463.71	-22.57	2484.01	-22.73	2504.28	-23.08
2524.54	-23.56	2544.97	-23.73	2569.16	-23.86	2589.48	-24.33	2629.16	-24.11
2649.56	-24.57	2669.86	-24.92	2690.40	-24.82	2710.86	-24.93	2731.13	-25.15
2751.63	-25.42	2784.38	-25.84	2804.42	-26.44	2834.41	-26.28	2854.87	-26.55
2874.88	-26.96	2895.22	-26.67	2931.01	-27.11	2957.36	-27.16	2977.86	-27.42
2998.22	-27.82	3018.44	-28.19	3038.87	-28.14	3073.68	-27.95	3093.86	-27.96
3114.56	-28.37	3142.70	-28.60	3164.88	-28.69	3185.12	-28.86	3207.42	-28.96
3230.30	-28.96	3259.16	-29.18	3279.72	-29.74	3314.38	-29.27	3334.48	-29.42
3354.50	-29.80	3375.02	-30.00	3400.88	-29.73	3429.61	-29.93	3449.67	-30.25
3474.17	-30.52	3494.50	-30.25	3518.60	-30.35	3551.16	-30.65	3571.24	-31.00
3600.75	-31.07	3620.84	-30.76	3658.24	-30.94	3678.60	-31.38	3699.62	-31.57
3727.56	-31.48	3748.08	-31.68	3768.18	-31.78	3788.78	-32.00	3812.30	-31.87
3841.47	-31.93	3862.20	-32.15	3882.51	-32.39	3906.18	-32.57	3926.30	-32.66
3953.79	-32.73	3975.31	-32.86	3995.44	-32.97	4015.90	-33.19	4054.94	-33.54
4075.27	-33.40	4103.52	-33.48	4123.75	-33.62	4147.09	-33.66	4167.43	-33.90
4187.67	-34.26	4217.13	-34.50	4237.75	-34.94	4257.96	-34.82	4281.93	-35.03
4303.83	-34.85	4324.19	-35.34	4363.98	-35.00	4385.12	-35.51	4411.47	-35.77
4431.70	-36.08	4459.07	-35.94	4479.73	-36.14	4500.25	-36.55	4521.15	-36.33
4543.79	-36.27	4563.94	-36.57	4584.54	-36.98	4605.00	-37.23	4632.24	-37.21
4670.79	-37.54	4690.89	-38.10	4712.25	-37.92	4732.50	-38.11	4758.98	-38.26
4779.25	-38.56	4802.03	-38.62	4832.56	-38.75	4852.95	-39.21	4880.18	-39.41
4901.45	-39.49	4922.34	-39.69	4942.45	-39.81	4962.72	-40.08	4987.06	-40.41
R-149	1987	1722140.45	683131.12	60.00	17.58				
	07SEP23	18OCT23	234 00	99 135					
-000.31	17.43	008.59	18.32	018.48	17.43	026.72	16.38	040.28	16.28
047.01	15.55	061.98	13.91	082.05	14.26	104.21	14.80	122.52	15.06
142.76	15.67	163.35	15.79	186.37	16.02	206.24	16.27	214.14	17.02
228.93	16.36	243.44	16.90	265.68	17.12	282.69	17.59	299.69	17.14
315.89	16.83	335.92	16.49	394.71	15.53	415.14	15.41	436.34	15.13
456.91	14.73	476.70	14.66	498.67	14.89	520.75	14.35	540.11	14.42
559.72	14.37	584.70	14.13	598.92	14.03	617.80	13.55	638.95	12.99
659.45	12.22	673.74	12.86	685.89	12.92	696.82	11.33	715.62	10.76
734.92	10.21	751.35	9.58	772.47	8.93	780.82	9.30	789.30	8.51
803.00	7.98	822.02	9.19	833.72	8.83	845.39	7.00	864.51	6.63
877.65	6.98	886.47	6.25	903.33	5.65	925.81	6.01	946.57	5.38

961.18	11.58	968.13	9.29	977.59	7.24	989.38	6.83	1002.01	9.42
1016.67	11.89	1028.35	10.52	1042.71	11.65	1056.85	14.79	1060.43	14.56
1067.16	12.83	1077.59	10.13	1087.96	11.77	1091.89	10.82	1098.24	11.92
1101.61	12.80	1107.14	7.10	1117.83	6.14	1139.98	5.04	1160.96	4.42
1181.32	3.87	1202.67	3.40	1223.72	3.02	1246.18	2.78	1267.78	3.19
1287.08	3.42	1305.73	3.66	1320.65	4.13	1342.08	3.27	1363.36	2.18
1384.39	1.38	1406.72	0.79	1428.38	0.33	1452.72	-0.19	1474.69	-0.63
1499.68	-1.08	1524.08	-1.56	1547.20	-1.92	1564.76	-2.30	1584.07	-2.55
1608.67	-3.05	1637.21	-3.58	1675.15	-4.69	1696.85	-5.66	1773.18	-5.71
1806.85	-6.42	1826.94	-6.78	1847.05	-7.32	1868.50	-7.87	1888.70	-8.47
1912.47	-8.75	1932.52	-9.19	1952.70	-9.78	1972.83	-9.97	1993.97	-10.36
2027.58	-10.66	2047.70	-11.13	2081.08	-11.26	2101.18	-11.49	2128.62	-11.56
2149.18	-11.71	2169.46	-11.60	2196.85	-11.66	2216.97	-11.93	2237.28	-12.24
2257.45	-12.35	2277.61	-12.55	2298.05	-12.97	2318.65	-13.40	2338.74	-13.53
2371.71	-13.43	2392.32	-13.52	2412.88	-13.22	2441.66	-13.89	2461.96	-14.55
2502.10	-14.53	2522.36	-14.07	2544.52	-14.28	2579.40	-13.83	2604.99	-13.71
2625.46	-13.90	2645.53	-13.22	2666.44	-12.72	2695.30	-12.64	2715.90	-12.31
2736.71	-11.77	2757.42	-11.71	2777.64	-11.52	2798.33	-11.42	2818.78	-11.78
2841.92	-11.71	2877.11	-12.24	2897.51	-13.09	2917.92	-12.30	2949.30	-12.02
2969.54	-11.78	2994.43	-11.46	3014.84	-12.17	3035.05	-12.69	3055.28	-12.33
3094.86	-12.33	3115.18	-12.17	3141.22	-12.39	3161.33	-13.17	3181.84	-12.61
3203.84	-12.13	3224.38	-12.95	3244.57	-13.63	3281.56	-13.56	3302.25	-12.67
3333.87	-12.78	3354.18	-12.41	3376.52	-12.55	3396.88	-12.84	3417.30	-12.46
3456.53	-12.82	3490.89	-12.78	3521.66	-13.05	3560.82	-13.34	3581.23	-12.83
3603.07	-13.17	3623.37	-13.60	3652.91	-14.71	3673.39	-15.37	3693.68	-15.74
3713.85	-16.02	3738.47	-16.10	3760.67	-16.67	3781.28	-17.04	3801.86	-17.88
3822.09	-18.66	3842.20	-19.43	3879.78	-19.87	3918.97	-20.31	3949.71	-19.99
3970.11	-20.48	4008.26	-21.22	4028.28	-22.17	4048.45	-21.61	4069.10	-21.56
4089.78	-21.46	4114.40	-21.23	4134.68	-22.29	4155.17	-22.72	4188.31	-23.23
4209.06	-23.41	4246.26	-23.39	4266.41	-23.01	4287.15	-22.81	4307.17	-22.60
4340.56	-22.48	4360.63	-22.23	4387.16	-22.16	4418.80	-22.08	4439.46	-22.78
4460.19	-22.66	4489.08	-22.50	4509.80	-22.97	4547.09	-23.05	4576.64	-23.45
4597.14	-23.81	4617.82	-24.64	4638.04	-25.22	4658.19	-25.87	4683.62	-26.19
4703.75	-26.96	4735.99	-26.99	4756.49	-27.46	4776.67	-27.66	4797.09	-27.88
4817.52	-28.01	4837.63	-28.59	4858.00	-28.79	4880.82	-28.80	4904.29	-29.08
4930.38	-29.10	4951.42	-29.31	4971.74	-29.48	4992.01	-29.67		
R-150	1983	1722190.14	684025.61	60.00	17.05				
	01SEP23	18OCT23	219 00	53 166					

000.40	16.82	011.39	16.47	027.96	15.89	045.52	15.04	063.06	14.68
083.32	14.71	103.88	15.14	124.80	15.17	144.02	15.06	166.87	14.43
178.22	14.39	190.79	13.70	210.40	12.51	227.85	11.67	250.32	10.42
269.87	9.78	288.74	9.16	307.54	8.33	325.37	8.15	345.12	8.74
358.96	11.50	377.87	18.37	382.13	17.52	389.69	20.06	398.19	17.86
403.60	11.87	416.00	7.31	429.66	6.18	451.78	5.24	474.31	4.19
496.21	4.26	517.44	4.72	537.76	4.61	550.68	3.32	571.64	2.13
597.17	1.02	619.80	0.32	640.97	-0.29	662.57	-0.77	684.21	-1.21
704.19	-1.61	728.13	-1.99	751.66	-2.38	774.70	-2.85	794.27	-3.10
820.34	-3.69	844.42	-4.32	867.13	-5.01	891.75	-5.32	911.50	-5.32
928.92	-5.17	947.20	-5.02	967.93	-4.68	990.26	-5.79	1011.02	-6.69
1036.08	-7.36	1060.24	-8.01	1085.18	-8.62	1108.66	-8.93	1128.85	-9.30
1149.54	-9.51	1169.94	-9.85	1201.46	-10.14	1221.65	-10.38	1243.08	-10.53
1264.29	-10.68	1284.58	-10.72	1308.10	-10.91	1329.37	-11.07	1349.38	-11.25
1371.25	-11.29	1401.59	-11.55	1423.40	-11.74	1444.10	-11.87	1464.67	-11.78
1487.95	-12.13	1508.03	-12.15	1528.90	-12.32	1549.47	-12.26	1571.28	-12.30
1592.71	-12.26	1620.37	-12.38	1644.33	-12.38	1677.50	-12.30	1700.27	-12.28
1744.34	-12.32	1784.36	-12.30	1804.86	-12.16	1825.16	-11.91	1845.20	-11.86
1866.48	-11.69	1887.17	-11.57	1908.00	-11.40	1937.90	-11.20	1958.44	-11.11
1979.19	-11.02	2000.19	-10.96	2027.94	-10.79	2047.98	-10.83	2068.66	-10.71
2089.22	-10.69	2110.81	-10.63	2147.74	-10.77	2168.14	-10.81	2192.97	-10.94
2213.20	-10.96	2249.56	-11.14	2271.79	-11.07	2304.58	-11.14	2325.15	-11.10
2345.97	-11.20	2366.79	-11.26	2392.80	-11.37	2414.80	-11.52	2439.44	-11.54
2460.12	-11.68	2485.63	-11.66	2517.25	-11.64	2547.54	-11.60	2583.74	-11.50
2636.79	-11.63	2667.44	-11.67	2689.62	-11.80	2710.15	-11.90	2730.65	-12.13
2751.54	-12.07	2771.78	-12.03	2793.22	-11.85	2815.01	-11.81	2835.84	-11.53
2875.81	-11.51	2896.13	-11.71	2916.18	-11.91	2936.58	-12.37	2961.72	-12.80
2981.80	-13.40	3002.26	-13.83	3022.62	-14.49	3042.94	-14.95	3063.88	-15.50
3084.12	-16.08	3132.20	-15.35	3167.63	-15.31	3202.12	-16.15	3222.31	-16.87
3242.72	-17.45	3262.84	-17.89	3283.17	-18.26	3318.68	-19.31	3339.40	-20.00
3378.12	-19.84	3419.94	-19.79	3442.81	-20.10	3474.40	-20.45	3496.33	-20.61
3519.32	-20.98	3539.56	-21.04	3566.13	-20.88	3586.24	-21.15	3606.67	-20.82
3626.94	-20.26	3647.95	-19.70	3668.42	-19.22	3692.68	-19.26	3712.98	-18.82
3743.77	-18.81	3775.07	-19.16	3795.42	-19.51	3815.60	-19.77	3836.04	-20.62
3887.52	-21.55	3908.32	-21.78	3928.97	-22.32	3949.00	-22.51	3969.65	-22.92
3989.86	-23.69	4025.67	-23.93	4045.84	-24.18	4067.27	-24.55	4087.81	-24.86
4118.10	-25.62	4138.41	-26.68	4158.82	-27.82	4179.00	-28.75	4199.57	-28.30

4219.96	-27.79	4240.81	-26.87	4263.22	-26.64	4285.15	-26.46	4306.98	-26.53
4332.46	-26.62	4360.92	-26.80	4383.60	-26.79	4403.69	-26.78	4424.24	-26.91
4444.38	-26.98	4469.43	-27.18	4489.90	-27.09	4512.05	-27.17	4532.07	-27.28
4553.44	-27.36	4575.06	-27.68	4595.40	-27.80	4632.34	-27.96	4668.62	-27.96
4689.56	-27.89	4716.44	-28.40	4739.14	-28.69	4763.01	-28.77	4783.22	-29.04
4813.82	-29.44	4834.20	-29.81	4855.61	-29.99	4876.01	-30.29	4896.14	-30.76
4934.40	-31.39	4954.46	-31.67	4974.72	-31.91	4995.16	-32.27		
R-151	1978	1721649.87	684365.11	60.00	14.49				
	01SEP23	18OCT23	218 00	60 158					

-000.98	14.92	012.54	14.52	028.50	14.81	037.28	15.02	056.10	14.95
076.42	14.81	093.95	14.82	108.58	14.88	121.25	14.98	134.64	15.04
145.29	14.48	154.64	14.71	166.80	14.41	181.70	14.07	191.66	14.19
201.85	13.70	216.68	13.24	232.49	12.72	250.14	12.53	268.31	12.35
287.32	12.66	302.13	13.31	317.57	16.21	324.25	15.43	335.97	13.33
346.62	11.49	351.76	11.54	361.92	14.46	365.71	14.66	380.55	12.69
389.03	11.61	404.08	10.82	411.71	9.49	417.34	9.30	424.93	11.04
428.82	7.75	434.61	7.66	452.82	6.50	470.06	5.95	488.19	5.29
505.96	4.83	529.98	4.20	548.82	4.41	567.83	4.33	585.02	3.56
600.86	1.06	626.28	0.38	649.75	-0.17	672.97	-0.73	695.33	-1.21
717.04	-1.64	740.09	-2.10	766.28	-2.60	787.67	-2.98	808.94	-3.35
834.73	-3.74	860.69	-4.30	895.61	-5.17	918.09	-5.56	942.11	-5.67
1081.87	-7.03	1101.88	-7.42	1122.06	-8.41	1142.37	-8.87	1162.70	-9.29
1185.98	-9.70	1207.04	-9.93	1227.53	-10.66	1247.57	-10.77	1290.64	-11.10
1311.43	-11.04	1332.38	-10.96	1363.50	-11.18	1383.66	-11.33	1409.73	-11.33
1429.77	-11.66	1450.85	-11.69	1471.04	-11.75	1492.10	-11.72	1543.08	-11.74
1563.16	-11.81	1583.20	-11.62	1608.67	-12.03	1630.42	-12.13	1652.38	-12.40
1672.86	-12.21	1704.27	-12.15	1733.61	-12.02	1756.83	-11.92	1787.12	-11.89
1807.30	-12.23	1827.70	-12.17	1860.40	-12.07	1882.23	-12.01	1903.20	-11.83
1929.96	-11.70	1954.28	-11.64	1978.21	-11.55	2010.08	-11.34	2030.28	-11.04
2051.13	-10.79	2091.01	-10.76	2111.16	-10.60	2131.20	-10.46	2151.22	-10.34
2208.99	-10.25	2229.24	-10.16	2261.01	-10.30	2297.39	-10.52	2318.19	-10.77
2338.75	-10.51	2395.94	-10.38	2415.94	-10.33	2452.03	-10.55	2472.30	-10.79
2496.52	-10.93	2536.30	-11.28	2558.55	-11.67	2598.42	-11.83	2634.52	-11.53
2654.55	-11.99	2690.28	-11.90	2730.01	-11.95	2750.36	-12.28	2771.85	-12.05
2799.12	-12.09	2819.27	-12.35	2839.82	-12.60	2860.05	-12.82	2880.17	-13.35
2918.61	-13.94	2948.24	-14.01	2968.85	-14.13	2989.13	-14.01	3009.68	-13.90
3029.93	-13.95	3061.47	-14.29	3081.94	-14.39	3102.64	-14.31	3128.54	-14.37

3150.67	-14.53	3182.92	-14.60	3203.12	-15.02	3223.37	-14.88	3256.67	-15.18
3281.58	-15.13	3301.83	-15.18	3323.39	-15.65	3356.19	-16.05	3376.32	-15.77
3399.38	-15.88	3420.07	-15.49	3443.42	-15.33	3463.73	-15.78	3483.79	-15.31
3519.28	-15.37	3539.61	-15.60	3576.06	-15.37	3596.24	-15.81	3621.85	-15.57
3641.86	-15.85	3662.22	-16.35	3699.10	-16.79	3727.46	-17.42	3747.49	-18.09
3767.65	-18.51	3787.72	-19.09	3809.54	-19.15	3831.99	-19.53	3860.05	-19.59
3880.36	-19.66	3900.60	-20.11	3920.92	-19.99	3941.33	-20.26	3961.71	-20.09
3982.17	-20.20	4002.62	-20.46	4022.92	-20.82	4043.76	-20.44	4081.13	-20.57
4101.54	-21.04	4122.71	-20.87	4156.63	-21.02	4176.77	-21.23	4207.01	-21.45
4227.56	-21.14	4247.82	-21.62	4268.19	-21.21	4300.01	-21.31	4320.65	-21.61
4345.86	-21.32	4379.78	-21.66	4400.17	-22.19	4420.50	-21.84	4441.29	-21.92
4470.74	-21.93	4490.80	-22.34	4534.92	-22.31	4555.36	-22.77	4584.84	-22.78
4605.05	-22.95	4626.30	-23.11	4646.78	-23.53	4678.60	-23.64	4699.12	-23.96
4721.54	-24.16	4741.62	-24.45	4763.84	-24.30	4785.92	-24.81	4806.05	-25.55
4826.22	-25.75	4863.33	-26.31	4884.02	-26.90	4906.31	-26.97	4926.34	-27.19
4946.66	-28.00	4966.78	-27.94	4996.90	-28.85				
R-152	1978	1720826.88	684860.55	60.00	15.98				
	01SEP23	19OCT23	214 00	57 157					

-000.31	15.09	000.71	14.85	013.17	13.67	028.72	13.87	045.48	14.14
061.21	14.20	080.92	14.27	090.68	14.11	105.18	14.15	119.39	13.01
140.50	12.32	160.63	11.60	178.64	11.87	193.45	15.92	202.39	15.76
210.72	13.74	220.16	11.28	226.91	12.38	239.51	16.24	249.83	14.12
262.74	12.24	276.50	10.86	281.37	11.73	292.12	12.42	297.76	12.27
307.48	10.82	320.04	9.10	343.27	7.31	363.88	6.78	376.83	6.04
396.83	5.52	416.73	4.96	436.51	4.50	457.01	4.04	478.78	3.76
500.02	3.73	519.66	3.42	540.37	3.01	550.64	1.90	570.69	1.41
590.21	0.95	611.30	0.45	631.79	-0.06	652.94	-0.52	672.56	-0.91
692.95	-1.39	712.07	-1.71	729.98	-2.05	750.05	-2.63	778.40	-2.97
796.51	-3.26	821.60	-3.49	844.73	-3.71	871.39	-3.98	901.73	-4.40
920.36	-4.62	955.19	-4.66	983.54	-4.37	1004.42	-4.12	1026.03	-4.20
1049.36	-4.48	1080.00	-5.87	1100.40	-6.63	1120.65	-7.40	1141.03	-8.03
1166.64	-8.82	1192.82	-9.19	1213.12	-9.84	1233.48	-10.16	1253.70	-10.47
1288.58	-10.55	1309.02	-10.67	1345.33	-11.31	1365.62	-11.67	1404.89	-11.56
1425.43	-11.53	1455.02	-11.60	1475.37	-11.34	1514.84	-11.63	1541.77	-11.76
1567.52	-11.93	1594.02	-11.94	1614.04	-12.26	1639.22	-12.50	1659.54	-12.39
1679.60	-12.51	1705.63	-12.38	1743.54	-12.35	1769.30	-12.71	1808.72	-12.70
1839.82	-12.80	1859.83	-12.81	1894.86	-12.97	1915.24	-12.83	1945.40	-12.93

1974.16	-12.94	1995.38	-12.94	2018.81	-12.98	2041.07	-12.97	2080.24	-13.06
2100.61	-13.09	2139.32	-13.10	2164.70	-13.12	2203.62	-13.20	2229.28	-13.32
2250.76	-13.53	2288.40	-13.46	2308.54	-13.48	2343.56	-13.41	2381.50	-13.48
2404.30	-13.56	2431.15	-13.63	2462.03	-13.65	2488.14	-13.59	2511.65	-13.71
2533.01	-13.74	2555.73	-13.75	2576.59	-13.80	2598.78	-13.81	2620.98	-13.85
2644.84	-13.86	2669.65	-13.87	2707.12	-13.89	2727.31	-13.92	2747.50	-14.02
2772.08	-14.05	2807.36	-14.16	2829.66	-14.25	2850.91	-14.38	2881.78	-14.40
2902.72	-14.51	2940.87	-14.67	2961.08	-14.71	2995.65	-14.84	3037.73	-15.00
3059.71	-15.06	3082.00	-15.12	3115.88	-15.21	3151.79	-15.29	3171.86	-15.49
3205.45	-15.52	3225.90	-15.67	3253.06	-15.83	3274.27	-15.94	3299.51	-16.09
3322.38	-16.18	3347.56	-16.28	3368.20	-16.47	3389.08	-16.48	3415.94	-16.68
3442.25	-16.75	3466.18	-16.78	3490.56	-16.84	3523.41	-17.06	3544.60	-17.18
3573.72	-17.26	3601.60	-17.45	3628.54	-17.52	3649.35	-17.69	3669.66	-17.75
3689.71	-17.87	3710.20	-17.99	3749.62	-18.29	3770.08	-18.42	3790.66	-18.64
3811.04	-18.83	3831.93	-18.95	3853.28	-19.12	3880.32	-19.32	3901.78	-19.56
3935.38	-19.65	3971.88	-19.90	3994.02	-20.17	4020.13	-20.22	4040.35	-20.55
4061.02	-20.47	4099.29	-20.75	4119.67	-20.92	4140.10	-20.97	4165.76	-20.97
4193.68	-21.08	4216.68	-21.25	4253.63	-21.17	4274.98	-21.19	4305.86	-21.33
4325.98	-21.22	4364.43	-21.23	4388.06	-21.48	4411.14	-21.41	4447.06	-21.26
4473.94	-21.48	4494.24	-21.57	4514.92	-21.42	4545.71	-21.52	4570.00	-21.59
4591.50	-21.69	4618.11	-21.79	4646.19	-21.89	4666.92	-22.09	4687.34	-22.23
4707.52	-22.55	4728.27	-22.71	4750.17	-22.95	4775.42	-23.04	4795.45	-23.35
4817.27	-23.58	4838.20	-23.84	4858.65	-24.12	4884.43	-24.49	4905.27	-24.88
4925.48	-25.31	4946.42	-25.65	4966.77	-25.87	4987.01	-26.34		
R-153	1972	1719876.10	685324.55	60.00	19.20				
	01SEP23	19OCT23	216 00	48 168					
-000.46	18.34	016.43	12.27	029.85	8.10	037.94	8.23	048.42	10.25
060.25	10.41	074.84	8.25	080.85	6.90	095.33	9.19	111.82	16.66
124.24	13.52	135.49	12.92	152.16	11.91	164.04	9.68	178.44	8.83
196.88	8.47	210.90	14.60	227.44	8.49	247.57	8.23	265.33	9.21
280.55	10.24	285.39	11.33	286.73	9.52	301.42	6.72	322.74	5.43
342.79	4.42	361.90	3.83	385.02	3.62	405.68	3.67	425.47	3.48
445.05	2.87	460.35	3.38	481.23	2.46	502.63	1.67	523.70	0.97
546.06	0.33	569.21	-0.13	582.62	-0.36	602.12	-0.74	624.57	-1.15
645.00	-1.37	666.64	-1.67	687.54	-1.93	712.37	-2.32	744.41	-2.63
771.15	-3.09	801.92	-3.91	820.38	-4.65	866.08	-4.05	891.26	-3.48
911.50	-4.12	932.03	-4.73	952.55	-5.17	974.14	-5.74	1005.04	-6.77

1025.62	-7.72	1047.16	-8.32	1067.56	-8.93	1088.02	-9.98	1120.62	-10.82
1144.08	-11.15	1165.00	-11.66	1191.66	-12.04	1215.86	-12.56	1240.69	-12.68
1262.05	-12.64	1282.90	-12.86	1305.63	-12.83	1336.08	-12.82	1356.43	-13.04
1382.66	-13.18	1403.62	-13.16	1440.73	-13.21	1461.28	-13.33	1496.17	-13.33
1530.94	-13.59	1551.49	-13.38	1571.77	-13.45	1600.10	-13.39	1620.58	-13.45
1644.55	-13.75	1668.47	-13.68	1690.28	-13.44	1717.14	-13.61	1741.51	-13.59
1763.55	-13.54	1799.26	-13.34	1824.64	-13.28	1844.88	-13.45	1868.49	-13.39
1907.42	-13.42	1945.37	-13.37	1975.02	-13.39	2007.36	-13.55	2027.94	-13.50
2060.91	-13.76	2085.48	-13.08	2105.85	-13.44	2126.18	-13.97	2146.34	-13.57
2179.53	-13.94	2200.88	-13.91	2223.06	-14.07	2244.38	-14.24	2279.44	-14.02
2299.76	-14.15	2337.06	-14.40	2357.51	-14.58	2378.12	-15.07	2401.96	-14.89
2430.25	-15.11	2452.25	-15.15	2473.86	-15.17	2493.88	-15.66	2533.48	-15.60
2553.88	-15.87	2578.85	-15.83	2611.09	-15.98	2631.36	-16.37	2651.52	-16.28
2674.09	-16.35	2694.22	-16.86	2719.12	-16.84	2753.51	-16.85	2773.87	-17.09
2794.66	-17.20	2815.54	-17.35	2839.85	-17.49	2859.98	-17.68	2885.56	-17.73
2905.87	-18.13	2926.51	-18.39	2946.94	-18.11	2990.52	-18.04	3011.23	-18.20
3031.42	-18.07	3052.02	-17.92	3072.90	-18.36	3093.40	-18.13	3122.32	-18.18
3142.70	-17.81	3170.37	-18.03	3190.45	-18.24	3213.62	-17.78	3233.83	-18.18
3253.86	-17.90	3282.58	-17.78	3303.26	-18.15	3323.76	-17.83	3357.50	-17.73
3377.64	-18.21	3397.98	-17.88	3419.96	-17.92	3440.14	-18.04	3460.54	-18.32
3480.66	-18.01	3504.23	-18.13	3524.69	-18.78	3545.15	-18.53	3569.33	-18.47
3589.47	-18.90	3610.09	-18.83	3637.76	-18.76	3658.56	-19.09	3691.95	-19.08
3712.05	-19.51	3732.40	-19.82	3770.18	-19.55	3790.28	-20.13	3810.57	-19.87
3832.40	-19.80	3852.74	-20.48	3873.41	-20.32	3912.01	-20.57	3932.52	-20.53
3952.96	-20.61	3973.75	-20.52	3994.16	-20.99	4034.03	-20.90	4066.23	-20.98
4102.93	-21.05	4131.78	-20.90	4152.11	-20.85	4172.14	-20.69	4197.26	-20.87
4231.54	-20.92	4264.58	-21.04	4295.59	-21.25	4332.62	-21.13	4352.86	-20.72
4374.74	-21.01	4407.39	-20.85	4437.22	-21.02	4457.53	-21.12	4485.41	-21.16
4505.85	-21.47	4534.87	-21.51	4558.17	-21.56	4578.39	-22.16	4598.74	-21.99
4620.69	-22.20	4640.84	-22.62	4661.14	-22.91	4689.96	-22.83	4711.11	-23.57
4731.22	-24.06	4763.87	-24.01	4784.38	-24.77	4804.98	-24.96	4841.00	-25.41
4861.08	-26.03	4881.14	-26.38	4901.34	-26.53	4936.99	-27.28	4957.35	-27.82
4990.82	-28.32								
R-154	1972	1719024.72	685603.94	60.00	14.21				
	01SEP23	19OCT23	222 00 54 168						
-000.36	13.67	017.82	10.81	027.19	9.19	040.19	7.95	051.15	8.13
063.75	8.17	074.69	8.41	085.50	7.54	107.46	10.62	117.01	12.57

126.48	15.61	131.96	17.25	140.58	15.22	153.62	15.58	164.16	16.57
179.02	12.64	189.91	14.00	201.88	14.35	212.59	12.98	219.61	11.64
225.07	9.24	235.69	8.24	240.86	8.53	251.52	8.60	254.08	8.42
268.46	9.94	270.56	10.70	273.62	10.62	280.07	8.57	293.91	7.51
305.56	7.18	325.35	6.48	346.36	5.79	366.97	4.98	387.06	4.37
410.51	3.85	431.89	3.59	452.25	3.22	471.59	2.95	480.76	2.99
501.33	2.15	522.84	1.49	544.95	0.78	566.35	0.20	587.85	-0.26
607.74	-0.68	631.44	-1.08	652.06	-1.42	675.79	-1.81	699.22	-2.18
721.49	-2.55	751.27	-3.34	778.89	-4.54	791.74	-5.77	844.70	-3.52
865.26	-4.08	885.58	-4.47	905.99	-4.75	933.50	-4.57	954.62	-4.14
978.49	-4.01	998.63	-4.38	1026.41	-5.08	1046.96	-5.80	1069.51	-6.42
1090.32	-7.40	1110.62	-8.54	1143.43	-9.35	1164.35	-9.97	1184.50	-10.43
1205.96	-10.92	1227.82	-11.56	1267.36	-12.12	1287.55	-12.58	1307.85	-13.00
1333.75	-12.81	1373.30	-13.32	1393.32	-13.02	1420.18	-13.33	1450.10	-13.42
1485.89	-13.56	1512.64	-13.60	1552.01	-13.69	1572.62	-13.54	1604.77	-13.61
1625.18	-13.52	1656.75	-13.48	1677.56	-13.75	1701.26	-13.75	1723.88	-13.82
1744.40	-14.19	1770.39	-14.13	1799.43	-13.98	1834.10	-13.91	1864.06	-13.88
1890.46	-13.86	1923.93	-14.53	1949.56	-14.65	1970.37	-14.89	2004.70	-15.00
2025.91	-15.00	2045.92	-15.07	2080.96	-15.01	2101.58	-15.09	2122.30	-15.19
2142.74	-15.34	2164.65	-15.37	2191.31	-15.44	2211.72	-15.49	2231.76	-15.64
2252.48	-15.68	2272.88	-15.78	2299.12	-15.86	2320.84	-16.03	2341.41	-15.95
2361.81	-16.13	2391.79	-16.23	2431.57	-16.31	2452.90	-16.44	2488.24	-16.56
2508.52	-16.50	2528.72	-16.68	2548.86	-16.69	2569.56	-16.80	2598.14	-16.88
2618.52	-17.10	2642.75	-17.09	2683.01	-17.18	2703.94	-17.30	2725.72	-17.26
2747.67	-17.43	2784.33	-17.49	2836.02	-17.38	2856.89	-17.29	2878.20	-17.22
2902.10	-17.37	2923.30	-17.30	2947.78	-17.31	2968.78	-17.27	2999.01	-17.45
3019.07	-17.40	3048.36	-17.33	3068.63	-17.19	3089.03	-17.31	3115.48	-17.31
3138.92	-17.31	3179.13	-17.27	3199.71	-17.30	3222.61	-17.28	3253.04	-17.27
3280.31	-17.36	3300.57	-17.40	3322.02	-17.59	3342.21	-17.65	3370.42	-17.74
3396.23	-17.85	3426.05	-17.90	3446.99	-18.06	3473.22	-18.06	3493.27	-18.23
3515.67	-18.34	3535.68	-18.50	3556.27	-18.75	3591.53	-18.87	3612.90	-19.01
3633.26	-19.22	3653.77	-19.41	3691.00	-19.67	3711.90	-19.77	3732.26	-19.82
3761.63	-19.94	3782.29	-20.27	3832.52	-20.43	3852.99	-20.65	3879.47	-20.81
3899.58	-21.08	3920.66	-21.24	3943.31	-21.57	3966.94	-21.75	4000.74	-21.81
4037.14	-22.03	4057.48	-22.23	4077.50	-22.37	4097.79	-22.45	4119.56	-22.56
4140.19	-22.77	4177.94	-22.86	4198.33	-22.92	4222.30	-23.05	4243.85	-23.14
4278.30	-23.35	4300.34	-23.44	4325.31	-23.68	4347.39	-23.70	4367.91	-24.04
4388.09	-24.02	4408.62	-24.11	4428.75	-24.35	4450.22	-24.70	4472.12	-24.65

4500.81	-24.81	4527.90	-24.89	4556.55	-25.03	4577.72	-25.24	4608.25	-25.44
4628.67	-25.61	4649.68	-25.78	4669.74	-26.07	4690.05	-26.33	4727.09	-26.78
4747.57	-26.95	4767.80	-27.24	4788.22	-27.36	4808.36	-27.70	4842.49	-28.01
4862.96	-28.51	4884.06	-28.73	4904.10	-29.07	4924.37	-29.26	4950.33	-29.80
4970.34	-30.11	4990.46	-30.58						
R-155	1972	1718059.79	685918.62	60.00	17.61				
	01SEP23	19OCT23	221 00 51 170						

-000.36	16.60	009.37	13.07	031.29	7.09	041.70	7.01	060.37	6.77
071.59	7.41	084.75	7.59	098.36	7.12	110.45	7.48	122.79	8.21
135.27	9.13	143.29	10.49	154.76	12.17	167.04	13.58	174.49	12.65
187.27	13.44	198.32	18.57	208.56	14.56	220.95	12.00	230.85	11.73
242.32	8.33	263.19	8.38	281.28	9.68	294.65	10.01	301.80	9.05
306.47	9.37	318.94	8.10	334.00	6.58	340.87	6.47	361.39	5.94
385.81	5.40	408.40	4.86	430.73	4.35	453.28	3.82	473.81	3.29
497.92	4.09	516.21	4.28	535.02	4.44	550.15	1.75	570.18	1.05
592.35	0.38	616.10	-0.14	638.41	-0.49	663.72	-0.86	688.72	-1.41
713.54	-2.08	734.03	-2.84	754.81	-3.19	759.55	-4.32	772.09	-5.12
789.68	-6.31	837.38	-3.06	864.34	-3.71	898.04	-4.69	918.15	-5.32
939.07	-5.79	959.48	-6.44	980.64	-7.01	1001.45	-7.25	1022.66	-7.09
1042.92	-6.73	1063.90	-5.99	1084.31	-5.04	1123.22	-5.03	1144.30	-5.62
1166.00	-6.05	1187.14	-6.64	1208.51	-7.18	1228.97	-7.83	1263.31	-8.89
1283.72	-9.54	1304.81	-10.03	1325.30	-10.76	1362.95	-11.83	1383.06	-12.51
1406.65	-12.94	1426.70	-13.38	1451.96	-13.76	1473.03	-14.13	1493.49	-14.37
1516.33	-14.71	1554.72	-15.00	1582.48	-15.01	1603.46	-15.38	1627.72	-15.32
1663.70	-15.51	1687.28	-15.61	1711.64	-15.66	1740.39	-15.75	1777.30	-15.94
1803.54	-15.99	1824.77	-16.02	1857.73	-16.24	1898.13	-16.30	1936.84	-16.39
1966.00	-16.64	1986.33	-16.39	2006.84	-16.60	2027.17	-16.72	2051.12	-16.86
2071.48	-16.77	2111.59	-16.55	2131.73	-16.96	2151.82	-17.52	2172.06	-17.18
2192.97	-17.07	2222.58	-17.10	2242.59	-17.43	2269.26	-17.76	2289.49	-17.53
2316.93	-17.55	2337.12	-17.86	2362.61	-17.92	2382.83	-17.83	2408.59	-17.94
2428.91	-18.04	2456.73	-18.24	2477.12	-18.47	2502.86	-18.31	2529.52	-18.56
2549.58	-19.05	2570.17	-18.66	2598.98	-18.61	2625.64	-19.08	2646.93	-19.26
2670.68	-19.04	2691.81	-19.14	2712.58	-19.63	2733.14	-19.37	2759.62	-19.63
2791.65	-19.58	2811.67	-19.66	2844.22	-19.87	2874.54	-19.84	2895.47	-20.08
2915.54	-20.70	2935.99	-20.28	2962.68	-20.54	2983.02	-20.59	3020.00	-20.59
3053.05	-20.65	3087.06	-21.03	3107.22	-20.94	3132.63	-20.95	3153.50	-21.05
3173.79	-21.35	3212.87	-21.20	3233.81	-21.42	3254.16	-21.76	3274.90	-21.64

3307.28	-21.59	3337.71	-21.98	3358.19	-21.82	3382.65	-21.90	3403.00	-22.18
3423.22	-22.32	3443.57	-22.48	3464.08	-22.13	3490.24	-22.33	3510.42	-22.50
3541.26	-22.54	3561.57	-22.68	3583.14	-22.76	3603.50	-23.00	3637.87	-22.98
3662.94	-23.19	3689.51	-22.97	3709.65	-23.06	3730.18	-23.47	3751.82	-23.48
3774.91	-23.62	3796.93	-23.66	3819.14	-23.78	3839.54	-23.92	3875.83	-23.96
3896.22	-24.14	3919.64	-24.22	3940.04	-24.49	3960.09	-24.65	3993.83	-24.87
4025.42	-25.02	4051.48	-25.01	4073.39	-25.17	4093.72	-25.29	4113.86	-25.37
4148.74	-25.66	4168.99	-26.02	4197.35	-25.95	4217.68	-26.70	4238.05	-26.22
4264.91	-26.49	4285.10	-26.89	4323.62	-26.92	4343.67	-26.96	4363.89	-27.47
4384.14	-27.55	4404.29	-27.98	4434.79	-28.09	4455.59	-28.52	4476.04	-28.34
4499.70	-28.66	4519.89	-29.26	4540.11	-29.12	4560.35	-29.34	4598.93	-29.97
4619.54	-30.38	4650.64	-30.33	4671.52	-30.87	4692.30	-31.36	4731.32	-31.29
4751.74	-31.98	4772.08	-32.17	4796.30	-32.53	4817.09	-33.24	4850.36	-33.28
4876.34	-33.84	4907.95	-34.01	4928.38	-34.19	4948.66	-34.74	4968.78	-34.97
4989.04	-35.44								
R-156	1972	1717168.18	686280.71	60.00	9.94				
	01SEP23	19OCT23	225 00 53 172						

-000.88	9.14	012.69	8.63	024.19	9.35	035.35	7.58	042.25	5.86
073.02	8.37	088.26	8.75	093.63	7.53	114.39	5.71	129.29	8.41
142.28	12.72	156.62	19.48	166.84	16.32	179.84	12.34	198.53	9.91
217.35	10.54	231.70	8.18	242.89	7.78	254.12	9.44	262.13	10.82
272.99	10.74	278.85	12.52	283.63	11.80	288.25	11.20	292.81	8.83
311.80	6.64	316.63	6.73	319.03	6.49	338.01	6.06	358.91	5.33
379.43	4.40	401.48	3.89	422.70	4.13	441.19	3.76	460.11	3.11
480.66	2.66	503.04	2.18	526.19	1.60	551.06	1.05	573.12	0.58
596.86	0.11	619.76	-0.28	643.26	-0.60	667.16	-1.18	689.26	-1.72
713.22	-2.37	736.55	-3.07	756.08	-4.06	775.28	-3.87	798.90	-3.57
826.91	-3.55	856.59	-3.84	887.25	-4.03	903.20	-3.96	927.34	-3.64
964.65	-5.11	985.02	-6.48	1005.52	-7.70	1025.74	-7.49	1047.08	-6.76
1072.92	-6.28	1093.02	-6.04	1114.74	-5.52	1135.07	-5.44	1172.34	-6.04
1192.86	-6.81	1213.51	-7.66	1234.30	-8.28	1254.76	-8.83	1287.44	-9.86
1308.20	-10.58	1328.52	-11.36	1348.75	-12.07	1370.27	-12.54	1393.52	-13.09
1413.74	-13.53	1434.36	-13.95	1461.22	-14.20	1482.16	-14.60	1502.48	-14.85
1534.61	-15.59	1555.05	-15.51	1576.57	-15.76	1598.57	-15.86	1618.95	-16.40
1642.88	-16.23	1664.94	-16.51	1685.10	-16.75	1707.38	-16.85	1730.20	-16.78
1751.07	-16.97	1773.50	-17.05	1793.91	-17.36	1817.16	-17.38	1840.64	-17.78
1862.21	-17.53	1890.90	-17.75	1910.98	-17.92	1945.40	-18.28	1966.11	-18.23

1991.87	-18.56	2017.99	-18.57	2040.39	-18.59	2065.12	-18.77	2086.07	-19.03
2106.38	-18.76	2126.56	-19.03	2148.15	-19.22	2168.24	-19.34	2188.50	-19.48
2228.06	-19.69	2252.00	-19.75	2273.35	-19.88	2293.59	-19.93	2318.57	-20.05
2338.60	-20.23	2358.95	-20.28	2379.24	-20.38	2404.73	-20.60	2435.45	-20.62
2455.48	-20.79	2475.83	-20.80	2495.90	-21.11	2525.35	-21.07	2550.86	-21.26
2577.31	-21.30	2610.74	-21.46	2631.45	-21.56	2666.88	-21.62	2687.32	-21.77
2709.98	-21.78	2731.46	-21.83	2751.67	-21.96	2774.77	-22.11	2795.48	-22.09
2825.80	-22.15	2846.59	-22.34	2866.84	-22.49	2886.89	-22.72	2910.14	-22.89
2930.56	-22.95	2961.38	-22.99	2982.73	-23.05	3003.36	-23.05	3032.28	-23.12
3058.57	-23.16	3082.34	-23.19	3121.54	-23.30	3159.55	-23.52	3180.54	-23.61
3201.22	-23.76	3221.75	-24.06	3242.48	-24.18	3262.55	-24.21	3283.02	-24.33
3303.25	-24.66	3335.28	-25.10	3355.58	-25.00	3391.04	-24.95	3415.34	-25.01
3443.60	-25.19	3473.16	-25.40	3510.00	-25.47	3530.20	-25.65	3558.90	-25.80
3579.77	-25.97	3600.78	-26.14	3630.46	-26.18	3650.58	-26.31	3670.70	-26.54
3698.08	-26.57	3728.50	-26.79	3749.00	-26.86	3769.84	-27.03	3789.88	-27.17
3810.15	-27.33	3833.49	-27.45	3854.09	-27.73	3875.35	-27.82	3899.49	-27.93
3940.88	-28.19	3960.90	-28.26	3983.05	-28.40	4006.94	-28.45	4027.16	-28.58
4049.22	-28.70	4069.38	-28.80	4089.79	-29.04	4121.17	-29.12	4141.88	-29.30
4162.80	-29.39	4183.14	-29.59	4203.87	-29.70	4225.51	-29.90	4246.44	-30.06
4281.27	-30.36	4316.08	-30.37	4336.44	-30.64	4357.31	-30.82	4379.96	-30.90
4416.88	-31.20	4437.70	-31.36	4465.30	-31.57	4488.25	-31.89	4510.49	-31.96
4536.99	-32.05	4557.06	-32.15	4577.81	-32.47	4598.24	-32.75	4620.57	-32.95
4652.84	-33.19	4673.16	-33.31	4700.91	-33.41	4720.91	-33.49	4751.34	-33.80
4771.76	-33.97	4797.10	-34.45	4830.85	-34.51	4850.96	-34.75	4884.16	-34.93
4904.24	-35.29	4924.45	-35.48	4945.32	-35.72	4971.60	-35.98	4993.21	-36.39
R-157	1972	1716276.04	686560.74	60.00	16.15				
	06SEP23	19OCT23	225 00	66 159					

-000.70	14.53	011.07	14.26	021.27	13.53	034.07	11.54	048.14	10.18
066.60	8.40	072.64	7.95	086.04	7.71	099.93	8.90	107.34	8.01
121.32	6.03	132.77	5.79	141.48	7.08	149.38	8.54	159.78	10.79
168.82	10.95	181.42	9.61	191.53	9.88	205.85	9.41	213.59	10.55
230.39	16.69	242.03	16.49	249.73	13.42	264.06	9.42	272.63	9.53
285.09	10.23	293.39	11.60	300.72	13.05	308.34	13.13	316.33	9.03
325.07	9.19	332.68	9.53	336.85	10.75	342.86	10.87	348.78	9.05
357.90	7.57	374.19	6.70	393.06	5.73	407.41	5.26	425.87	4.59
445.61	4.05	464.35	3.70	484.03	3.36	505.41	3.93	524.69	4.11
539.97	3.85	560.45	2.06	579.81	1.32	599.92	0.74	620.57	0.20

639.60	-0.20	660.51	-0.54	681.04	-0.88	702.51	-1.12	726.93	-1.47
749.59	-1.77	773.21	-2.14	795.65	-2.44	818.03	-2.81	830.42	-3.22
854.65	-3.44	875.05	-3.53	900.98	-3.69	924.70	-3.93	949.47	-4.10
968.61	-4.26	990.95	-6.49	1011.99	-7.69	1035.36	-7.74	1055.98	-8.14
1076.32	-7.57	1097.32	-6.19	1117.69	-4.72	1138.52	-4.67	1158.98	-5.05
1179.03	-5.61	1218.64	-6.70	1238.75	-7.22	1258.78	-7.86	1278.82	-8.68
1313.88	-9.52	1334.84	-10.32	1354.98	-10.84	1375.12	-11.31	1395.14	-12.05
1416.18	-12.53	1437.88	-13.12	1458.41	-13.49	1479.20	-14.01	1499.57	-14.53
1522.97	-14.99	1545.72	-15.13	1565.90	-15.64	1587.49	-15.84	1610.10	-16.11
1644.39	-16.59	1676.17	-16.95	1696.83	-17.28	1722.70	-17.39	1743.66	-17.71
1763.70	-17.76	1793.13	-17.94	1814.25	-18.12	1834.53	-18.26	1854.59	-18.53
1877.03	-18.82	1900.81	-19.10	1926.50	-19.08	1951.60	-19.24	1975.02	-19.40
1996.62	-19.63	2027.00	-19.75	2047.56	-19.76	2086.89	-20.13	2125.46	-20.03
2145.79	-20.22	2178.46	-20.42	2209.69	-20.58	2236.12	-20.92	2256.56	-21.04
2285.02	-20.95	2305.84	-21.30	2327.23	-21.42	2347.92	-21.42	2369.54	-21.35
2391.85	-21.54	2412.19	-21.78	2448.43	-21.74	2483.54	-21.99	2504.40	-22.24
2526.04	-22.26	2555.09	-22.34	2595.18	-22.44	2616.56	-22.39	2636.92	-22.79
2657.02	-22.82	2693.35	-23.03	2713.73	-23.37	2750.01	-23.21	2780.24	-23.21
2800.28	-23.35	2820.60	-23.75	2883.67	-23.97	2904.36	-24.16	2924.62	-23.75
2951.82	-23.93	2973.31	-24.11	2993.69	-24.31	3032.27	-24.64	3052.61	-24.72
3073.46	-24.83	3094.09	-24.72	3127.09	-24.96	3147.45	-25.17	3186.24	-25.05
3206.26	-25.38	3234.40	-25.42	3254.98	-25.68	3286.64	-25.54	3307.54	-25.79
3327.76	-25.92	3349.38	-26.05	3386.33	-26.16	3406.85	-26.50	3444.44	-26.40
3464.98	-26.60	3485.23	-26.75	3512.12	-26.76	3563.43	-27.12	3584.43	-27.16
3604.82	-27.39	3641.01	-27.57	3663.06	-27.68	3683.83	-27.90	3704.26	-27.95
3727.54	-28.05	3747.60	-28.28	3777.07	-28.40	3803.14	-28.41	3823.62	-28.69
3844.20	-28.90	3883.42	-29.23	3903.65	-29.52	3924.17	-29.31	3954.64	-29.28
3975.22	-29.58	3995.32	-29.77	4016.10	-29.65	4049.49	-29.79	4070.71	-30.23
4097.04	-30.18	4119.56	-30.37	4139.89	-30.58	4177.10	-30.76	4197.82	-30.70
4219.48	-30.91	4247.55	-30.96	4267.68	-31.32	4298.38	-31.36	4338.10	-31.71
4358.26	-31.74	4380.57	-31.83	4401.72	-31.94	4422.00	-32.40	4457.05	-32.38
4481.36	-32.55	4514.08	-33.29	4551.20	-32.96	4573.53	-33.19	4595.51	-33.32
4628.41	-33.65	4651.32	-34.10	4671.56	-34.24	4694.71	-34.96	4715.23	-34.59
4767.16	-34.62	4798.13	-34.74	4818.23	-34.93	4838.26	-35.09	4864.71	-35.40
4900.10	-35.44	4920.65	-35.77	4948.47	-35.89	4973.86	-36.00	4998.08	-36.32
R-158	1972	1715414.08	687001.63	60.00	10.55				
	06SEP23	19OCT23	215 00	48 167					

001.83	8.16	022.17	6.31	039.75	5.67	056.95	5.64	070.21	7.10
083.67	9.62	099.42	11.15	110.51	9.81	128.32	10.10	136.87	11.83
146.54	15.70	159.71	12.20	172.71	9.02	182.89	8.73	203.04	8.82
217.04	12.69	223.54	13.28	242.74	9.54	254.50	13.66	257.96	12.70
260.79	9.79	282.02	6.87	290.98	6.76	305.52	6.03	322.81	5.32
338.23	4.79	360.50	4.22	381.98	4.47	403.12	4.56	419.43	3.33
430.05	3.20	450.69	1.70	470.90	1.16	490.94	0.72	511.50	0.29
533.07	-0.14	553.84	-0.46	576.10	-0.75	597.72	-0.98	619.51	-1.20
644.09	-1.53	666.28	-1.87	687.56	-2.17	707.32	-2.40	735.17	-2.83
756.13	-3.20	778.28	-3.68	796.89	-4.17	823.92	-4.33	843.97	-5.10
864.82	-5.84	885.70	-6.47	916.54	-7.40	936.69	-7.92	969.21	-8.06
1006.26	-8.25	1027.08	-7.84	1048.08	-7.54	1068.22	-6.95	1088.62	-6.32
1117.13	-6.51	1149.14	-6.70	1169.33	-7.15	1190.45	-7.89	1212.82	-8.19
1232.96	-8.56	1261.15	-9.61	1283.14	-10.30	1303.36	-10.92	1323.41	-11.60
1343.71	-12.25	1365.26	-13.05	1402.78	-13.53	1423.19	-13.99	1443.28	-14.72
1463.44	-15.24	1487.24	-15.64	1507.60	-16.11	1530.70	-16.37	1551.36	-16.69
1577.80	-16.91	1611.26	-16.99	1633.29	-17.19	1654.52	-17.80	1685.14	-18.13
1716.62	-18.34	1749.86	-18.82	1770.70	-18.93	1791.60	-19.37	1829.04	-19.66
1865.11	-19.57	1889.61	-19.64	1911.72	-20.06	1961.49	-20.51	1981.84	-20.75
2005.25	-20.94	2044.34	-21.15	2070.36	-21.22	2092.33	-21.41	2112.47	-21.53
2132.68	-21.84	2153.77	-21.82	2175.89	-21.95	2201.98	-22.04	2222.83	-22.13
2250.95	-22.17	2272.32	-22.20	2295.54	-22.51	2410.88	-23.06	2500.99	-23.44
2522.94	-23.54	2543.22	-23.67	2563.88	-23.73	2584.35	-23.85	2605.11	-23.98
2626.03	-24.28	2660.01	-24.48	2680.21	-24.66	2703.64	-24.78	2749.28	-24.80
2779.35	-24.86	2800.58	-25.02	2823.25	-25.13	2843.83	-25.26	2864.24	-25.28
2884.30	-25.45	2906.56	-25.51	2926.70	-25.69	2964.80	-25.83	2989.34	-25.97
3012.27	-26.23	3038.63	-26.21	3058.85	-26.35	3079.53	-26.50	3108.24	-26.61
3128.56	-26.81	3150.01	-26.86	3172.69	-27.13	3196.08	-27.24	3221.21	-27.41
3241.85	-27.53	3262.72	-27.67	3289.45	-27.67	3310.11	-27.79	3330.52	-27.91
3351.04	-28.01	3372.32	-28.15	3393.02	-28.32	3413.17	-28.57	3442.85	-28.55
3474.45	-28.71	3494.61	-28.85	3516.43	-28.98	3539.12	-29.14	3559.44	-29.22
3583.87	-29.38	3605.94	-29.53	3627.40	-29.83	3656.37	-29.85	3679.72	-30.00
3706.02	-30.19	3729.15	-30.19	3758.77	-30.37	3780.44	-30.51	3819.27	-30.67
3839.40	-30.86	3859.84	-30.93	3882.26	-31.23	3905.52	-31.33	3929.50	-31.45
3953.63	-31.49	3974.00	-31.57	3998.42	-31.88	4018.98	-31.85	4052.27	-32.01
4072.58	-32.09	4093.26	-32.30	4128.55	-32.55	4149.06	-32.64	4174.89	-32.66
4195.30	-32.82	4215.44	-32.97	4235.84	-33.10	4271.92	-33.67	4291.94	-33.96
4312.92	-33.74	4343.27	-33.78	4364.08	-33.94	4403.34	-34.49	4432.10	-34.33

4456.59	-34.56	4476.73	-34.50	4499.50	-34.57	4519.92	-34.67	4545.51	-34.86
4569.89	-34.98	4590.38	-35.18	4611.96	-35.17	4633.30	-35.28	4654.24	-35.41
4674.58	-35.55	4695.50	-35.72	4716.19	-35.82	4736.49	-36.02	4757.72	-36.14
4782.33	-36.25	4802.52	-36.55	4823.25	-36.53	4857.25	-36.80	4877.44	-37.01
4907.33	-37.10	4927.94	-37.34	4956.03	-37.50	4977.14	-37.65	4999.12	-37.80
R-159	1972	1714513.21	687374.93	60.00	19.81				
	06SEP23	19OCT23	217 00	44 173					

045.85	7.30	059.99	6.67	071.60	7.45	086.03	7.74	099.52	5.72
111.79	7.45	127.92	10.73	146.03	14.68	158.65	10.14	163.70	9.43
178.72	8.58	189.54	6.34	194.56	5.99	209.26	6.79	217.62	11.21
226.10	13.22	236.72	12.08	242.02	11.03	253.49	11.43	256.23	8.50
275.97	6.96	293.92	6.20	311.15	5.52	327.27	4.74	348.16	4.14
368.73	3.53	388.58	3.32	407.07	3.23	424.69	3.44	439.99	3.43
460.22	1.72	476.78	1.29	495.91	0.79	516.64	0.38	536.96	-0.02
558.13	-0.36	584.57	-0.79	606.30	-1.12	627.83	-1.43	649.72	-1.76
672.94	-2.06	694.33	-2.36	712.20	-2.60	732.82	-3.06	755.24	-2.46
775.32	-2.81	800.32	-2.71	815.76	-3.21	839.00	-3.98	859.37	-5.70
879.58	-7.10	899.65	-8.02	920.16	-8.82	941.69	-9.28	965.49	-8.90
985.85	-6.88	1005.92	-4.85	1033.14	-4.43	1057.02	-5.01	1087.08	-5.81
1107.26	-6.26	1127.37	-6.78	1148.41	-7.31	1174.44	-8.05	1195.67	-8.72
1219.13	-9.16	1240.09	-9.85	1262.88	-10.51	1284.95	-11.07	1305.40	-11.51
1325.70	-12.11	1345.71	-12.69	1366.61	-13.25	1394.22	-13.75	1421.58	-14.36
1443.28	-14.74	1464.53	-15.16	1486.08	-15.43	1506.49	-15.86	1529.11	-16.22
1549.60	-16.38	1570.52	-16.59	1590.53	-17.04	1610.92	-17.28	1632.92	-17.50
1660.39	-17.80	1683.98	-18.20	1704.64	-18.29	1724.72	-18.57	1745.36	-18.60
1765.76	-18.84	1786.42	-19.19	1807.74	-19.36	1828.00	-19.58	1853.12	-19.82
1893.33	-20.17	1919.30	-20.42	1943.57	-20.60	1971.22	-20.87	2011.59	-21.14
2033.00	-21.40	2058.28	-21.69	2093.02	-21.77	2122.70	-22.11	2160.17	-22.38
2182.05	-22.11	2202.98	-22.26	2223.12	-22.66	2257.82	-22.50	2278.56	-22.81
2299.00	-23.15	2320.94	-23.07	2343.30	-23.30	2372.08	-23.48	2402.30	-23.34
2422.36	-23.72	2461.45	-23.84	2481.72	-23.97	2501.84	-24.04	2523.34	-24.09
2546.14	-24.31	2578.46	-24.61	2615.00	-24.73	2635.08	-24.86	2663.74	-25.27
2696.20	-25.08	2716.72	-25.41	2736.82	-25.59	2767.82	-25.61	2788.23	-25.75
2818.37	-25.85	2838.53	-26.29	2874.68	-26.24	2894.89	-26.59	2915.34	-26.48
2946.10	-26.60	2967.08	-26.72	2987.18	-27.15	3007.66	-27.10	3035.12	-27.20
3055.43	-27.62	3075.56	-27.64	3111.03	-27.72	3150.73	-28.09	3171.19	-28.19
3191.24	-28.06	3217.22	-28.29	3237.65	-28.58	3259.54	-28.68	3293.80	-28.81

3314.76	-29.11	3335.94	-29.10	3378.05	-29.36	3398.09	-29.67	3418.49	-29.43
3438.88	-29.95	3489.69	-30.04	3510.02	-30.46	3547.58	-30.24	3568.26	-30.60
3588.84	-30.90	3628.70	-30.63	3648.86	-31.53	3669.90	-31.18	3708.20	-31.18
3728.94	-31.43	3749.14	-31.70	3778.40	-31.50	3806.71	-31.73	3827.08	-32.29
3847.34	-31.93	3887.62	-32.43	3909.31	-32.53	3930.07	-32.29	3961.89	-32.71
3982.47	-33.13	4021.51	-32.94	4041.67	-33.42	4076.92	-33.12	4097.31	-33.35
4126.46	-33.38	4146.74	-33.61	4173.73	-33.74	4193.74	-33.87	4214.02	-33.96
4237.01	-33.94	4257.72	-34.20	4277.98	-34.39	4298.51	-34.19	4318.96	-34.33
4339.59	-34.64	4366.59	-34.81	4386.84	-35.08	4408.49	-34.89	4431.66	-35.04
4452.65	-35.32	4491.80	-35.14	4512.07	-35.43	4532.51	-35.79	4554.76	-35.61
4575.12	-35.80	4605.82	-36.19	4625.84	-36.05	4650.10	-36.03	4670.14	-36.37
4692.17	-36.74	4712.57	-36.51	4754.30	-36.92	4774.36	-37.08	4797.17	-37.01
4828.69	-37.23	4849.07	-37.74	4869.39	-37.30	4893.23	-37.66	4914.50	-37.94
4953.86	-37.79	4974.21	-38.44						
R-160	1972	1713632.23	687826.04	60.00	14.42				
	06SEP23	19OCT23	221 00 42 179						

-002.14	13.91	008.81	12.82	019.08	13.43	028.64	14.63	040.48	13.51
053.96	11.55	064.68	9.47	071.16	9.59	079.92	13.51	089.52	11.70
091.93	12.00	102.21	9.18	107.66	8.95	125.95	8.57	141.71	10.00
160.60	13.87	170.98	12.27	183.07	9.76	193.46	12.11	201.46	6.88
208.42	7.02	221.56	6.48	241.13	5.41	260.83	4.72	282.71	3.98
305.39	3.83	328.27	4.27	359.00	4.09	380.84	3.11	400.56	0.97
417.97	0.57	439.81	0.09	460.92	-0.30	481.63	-0.67	507.62	-1.03
531.71	-1.42	553.30	-1.57	572.14	-1.58	601.67	-1.78	631.29	-2.16
656.16	-2.70	678.24	-3.13	699.80	-2.89	721.74	-3.48	741.79	-4.47
781.69	-6.46	802.28	-7.05	823.40	-7.96	850.14	-8.36	874.60	-8.31
907.65	-9.08	941.76	-9.10	974.58	-8.86	1008.08	-8.52	1029.52	-8.38
1049.88	-8.07	1070.19	-7.45	1116.21	-7.01	1136.36	-7.54	1156.57	-7.94
1177.34	-8.70	1197.41	-9.29	1217.56	-9.77	1256.10	-10.54	1276.70	-11.36
1297.25	-11.46	1318.14	-12.01	1350.58	-12.98	1371.02	-13.81	1391.59	-14.42
1412.14	-14.87	1432.59	-15.40	1456.93	-15.67	1477.76	-16.04	1501.24	-15.92
1524.63	-16.47	1546.25	-16.70	1567.46	-17.15	1587.78	-17.53	1610.46	-17.84
1641.92	-17.96	1662.05	-18.04	1682.43	-18.33	1721.26	-18.65	1741.46	-19.04
1762.24	-19.41	1785.58	-19.80	1808.00	-20.00	1828.26	-19.82	1854.17	-20.15
1891.26	-20.57	1913.72	-20.54	1934.53	-21.31	1955.07	-21.15	1976.79	-21.56
1998.40	-21.68	2029.93	-21.66	2051.10	-21.91	2077.71	-22.01	2099.16	-22.14
2120.30	-22.69	2140.41	-22.52	2183.69	-23.01	2203.96	-23.10	2230.78	-23.18

2251.17	-23.54	2272.50	-23.69	2293.72	-23.61	2314.06	-23.84	2334.23	-23.99
2356.24	-24.11	2386.37	-24.28	2406.76	-24.38	2433.63	-24.54	2453.82	-24.64
2474.22	-24.86	2495.12	-24.93	2515.68	-25.19	2539.14	-25.24	2559.30	-25.47
2585.68	-25.63	2605.82	-25.73	2635.27	-25.88	2655.94	-26.15	2681.65	-26.22
2706.22	-26.29	2732.54	-26.65	2752.56	-26.78	2778.50	-26.89	2803.35	-27.07
2823.86	-27.34	2844.26	-27.63	2872.70	-27.58	2893.67	-27.88	2921.26	-27.97
2941.50	-28.16	2970.66	-28.30	3002.36	-28.41	3022.92	-28.63	3045.37	-28.72
3067.67	-29.02	3088.18	-29.03	3112.15	-29.14	3133.94	-29.29	3156.56	-29.49
3177.42	-29.57	3215.69	-29.76	3235.97	-29.89	3256.37	-29.99	3277.17	-30.16
3297.20	-30.33	3329.34	-30.52	3349.66	-30.66	3370.05	-30.94	3390.44	-31.09
3410.89	-31.34	3430.96	-31.26	3451.27	-31.34	3471.54	-31.59	3503.28	-31.71
3523.46	-31.82	3558.06	-32.00	3583.13	-32.01	3603.14	-32.20	3623.33	-32.36
3661.90	-32.59	3691.98	-32.67	3712.39	-32.85	3734.20	-33.00	3754.44	-33.05
3776.17	-33.23	3796.23	-33.39	3820.76	-33.44	3842.32	-33.70	3873.86	-33.76
3896.12	-33.98	3921.87	-34.07	3955.91	-34.09	3975.92	-34.30	4011.38	-34.43
4032.65	-34.67	4053.81	-34.68	4075.02	-35.05	4117.08	-34.95	4155.21	-35.09
4175.58	-35.22	4196.05	-35.20	4221.23	-35.28	4247.69	-35.38	4268.29	-35.48
4288.58	-35.69	4308.73	-35.77	4329.50	-35.97	4350.07	-35.93	4371.76	-36.02
4393.82	-36.11	4414.42	-36.18	4435.30	-36.28	4455.93	-36.38	4478.15	-36.49
4502.67	-36.67	4528.56	-36.68	4552.09	-37.01	4585.52	-37.05	4611.68	-37.12
4642.73	-37.39	4668.68	-37.50	4692.44	-37.63	4714.33	-37.69	4736.10	-37.75
4759.56	-37.82	4780.18	-37.95	4800.61	-37.97	4820.73	-38.19	4849.07	-38.26
4869.94	-38.41	4897.58	-38.54	4936.48	-38.73	4956.80	-38.93	4977.95	-39.07
4998.44	-39.34								

R-161	1972	1712768.15	688252.54	60.00	12.42
	06SEP23	19OCT23	211 00	24 187	

080.46	12.24	084.34	13.89	090.85	14.22	097.75	12.90	104.57	9.68
111.51	9.67	124.62	10.37	132.88	12.11	137.51	7.08	148.07	6.85
165.23	6.08	181.56	5.61	198.68	5.03	217.76	4.45	235.71	3.87
256.06	3.94	280.21	4.21	300.20	4.32	314.89	3.44	335.44	1.67
355.70	1.12	375.85	0.72	397.45	0.30	420.83	-0.14	441.90	-0.47
464.18	-0.69	484.95	-0.95	507.27	-1.10	528.38	-1.43	552.00	-1.80
579.44	-2.25	607.70	-2.66	626.43	-3.04	646.96	-3.58	686.96	-3.12
711.41	-3.70	731.47	-5.16	752.23	-6.33	772.60	-7.15	793.44	-7.87
813.66	-8.70	834.00	-9.20	857.56	-9.71	878.33	-9.82	898.66	-9.59
918.92	-8.22	938.99	-5.89	959.32	-4.90	990.90	-5.21	1013.47	-5.91
1034.73	-6.39	1055.11	-6.72	1088.49	-7.92	1108.85	-8.64	1135.26	-9.09

1156.26	-9.88	1180.74	-10.65	1202.36	-10.81	1223.89	-11.15	1244.17	-11.83
1264.21	-12.43	1284.71	-12.90	1305.22	-13.42	1334.44	-13.96	1356.62	-14.39
1376.78	-14.69	1402.54	-15.18	1428.61	-15.56	1451.33	-15.78	1478.66	-16.21
1499.07	-16.62	1525.18	-16.75	1545.26	-17.24	1570.31	-17.39	1594.70	-18.00
1631.29	-18.08	1653.68	-18.29	1678.64	-18.79	1707.76	-19.32	1733.42	-19.35
1769.58	-19.63	1790.56	-19.97	1810.93	-19.68	1836.38	-20.01	1859.40	-20.44
1890.87	-20.60	1913.16	-21.10	1934.36	-21.51	1957.38	-21.22	1979.79	-21.28
2006.86	-21.68	2040.39	-21.92	2061.62	-22.15	2096.91	-22.60	2118.39	-22.66
2138.40	-22.87	2159.30	-23.06	2179.90	-23.69	2206.37	-23.60	2226.77	-23.92
2247.05	-24.09	2267.06	-23.87	2294.53	-24.20	2315.21	-24.37	2335.36	-24.58
2355.89	-24.65	2393.52	-24.94	2413.81	-25.58	2442.49	-25.60	2469.76	-25.50
2489.81	-25.71	2514.34	-25.73	2534.82	-26.07	2557.62	-26.11	2581.28	-26.32
2609.99	-26.84	2630.15	-26.94	2650.68	-27.33	2671.79	-26.81	2710.82	-27.23
2730.92	-27.71	2751.37	-28.00	2780.64	-27.91	2812.52	-27.83	2832.54	-28.55
2853.26	-28.35	2877.62	-28.33	2898.37	-28.78	2918.40	-28.97	2938.85	-28.89
2968.82	-29.15	3006.09	-29.13	3026.15	-29.66	3046.49	-29.99	3080.20	-29.55
3100.66	-29.90	3121.12	-30.36	3141.33	-30.87	3161.36	-30.29	3191.72	-30.45
3211.78	-31.27	3232.04	-31.13	3252.91	-30.76	3276.81	-31.20	3297.12	-31.48
3317.46	-31.39	3356.97	-31.63	3377.24	-32.23	3412.54	-31.70	3432.97	-32.51
3465.74	-32.30	3494.85	-32.27	3527.30	-32.67	3547.31	-32.53	3568.81	-32.76
3599.21	-32.88	3619.84	-33.45	3657.68	-33.33	3697.46	-33.30	3717.66	-33.71
3737.74	-34.08	3759.24	-33.85	3781.69	-33.90	3802.10	-34.22	3837.26	-34.43
3857.75	-34.61	3895.32	-34.35	3915.75	-34.98	3936.20	-34.67	3966.35	-34.62
3986.51	-35.19	4006.52	-35.54	4030.16	-35.15	4053.68	-35.26	4074.62	-35.74
4094.72	-35.51	4133.96	-35.81	4154.20	-36.60	4174.56	-35.84	4211.86	-36.43
4231.91	-35.95	4263.42	-36.29	4283.44	-36.49	4303.97	-36.38	4324.09	-36.89
4355.75	-36.68	4386.27	-37.08	4406.28	-37.53	4426.74	-36.91	4464.76	-37.25
4485.03	-38.04	4505.58	-37.41	4542.20	-37.34	4562.57	-37.78	4602.48	-37.88
4632.71	-38.47	4653.32	-37.92	4683.40	-38.59	4710.06	-38.16	4730.80	-38.39
4751.03	-38.83	4781.07	-38.61	4801.56	-38.76	4823.61	-38.67	4843.85	-39.24
4864.57	-39.06	4892.56	-38.99	4916.84	-39.23	4937.12	-39.57	4957.82	-39.36
4980.73	-39.81								

R-162	1972	1711945.21	688737.25	60.00	10.19
	06SEP23	19OCT23	214 00 29 185		

-001.46	10.60	006.61	9.56	011.40	9.27	021.85	7.38	027.01	6.88
030.07	6.81	048.64	6.02	064.86	5.84	083.52	5.10	103.49	4.44
123.48	3.80	141.87	4.09	163.37	4.26	184.58	4.37	200.19	3.53

221.18	1.63	243.75	0.99	263.96	0.52	283.52	0.12	304.76	-0.27
326.07	-0.67	348.86	-1.11	372.91	-1.59	399.88	-1.99	425.61	-2.35
451.47	-2.77	470.24	-3.13	494.66	-3.80	514.18	-4.29	537.30	-3.11
571.81	-2.84	594.40	-3.46	614.46	-4.05	640.57	-5.55	661.24	-6.78
681.27	-7.53	702.74	-8.23	728.58	-8.82	757.53	-9.05	778.00	-9.30
798.38	-9.49	823.54	-9.58	845.08	-9.55	865.40	-9.31	885.72	-7.96
905.74	-6.76	931.27	-6.08	954.34	-6.40	974.62	-6.60	1012.84	-7.91
1033.05	-8.60	1053.96	-9.29	1074.56	-9.67	1110.18	-10.36	1130.24	-10.84
1150.68	-11.15	1171.12	-11.75	1191.33	-12.65	1211.60	-13.67	1231.76	-14.11
1251.84	-14.33	1272.86	-14.53	1293.04	-14.91	1313.72	-15.12	1335.92	-15.29
1358.11	-15.24	1378.26	-15.53	1398.91	-16.28	1420.56	-16.66	1440.71	-16.98
1461.03	-17.11	1482.26	-17.31	1506.98	-17.62	1530.60	-17.96	1566.70	-18.35
1587.39	-18.49	1607.58	-18.76	1630.50	-18.84	1650.84	-19.10	1672.10	-19.48
1697.58	-19.66	1717.72	-19.76	1750.41	-20.05	1772.28	-20.65	1792.43	-20.58
1822.79	-20.81	1843.39	-21.18	1864.18	-21.32	1884.68	-21.38	1906.74	-21.64
1927.60	-21.86	1966.56	-22.15	1994.91	-22.50	2019.19	-22.84	2043.42	-22.71
2063.68	-23.11	2085.10	-23.33	2113.76	-23.74	2135.50	-23.98	2169.07	-24.14
2189.51	-24.21	2210.85	-24.43	2230.86	-24.69	2262.23	-24.87	2282.78	-25.10
2302.83	-25.23	2323.42	-25.33	2343.80	-25.48	2374.55	-25.77	2394.74	-26.00
2418.08	-26.21	2438.66	-26.53	2459.55	-26.63	2493.88	-26.87	2514.34	-27.03
2534.52	-27.32	2555.12	-27.35	2575.96	-27.46	2604.04	-27.65	2624.28	-27.81
2644.72	-28.00	2670.97	-28.25	2691.44	-28.51	2727.69	-28.64	2747.99	-29.04
2775.99	-29.01	2796.24	-29.36	2817.66	-29.42	2838.06	-29.64	2877.73	-29.88
2897.93	-29.98	2918.93	-30.14	2947.17	-30.20	2967.79	-30.47	2988.28	-30.76
3008.86	-30.83	3031.86	-30.88	3052.09	-31.08	3091.38	-31.37	3122.63	-31.34
3142.77	-31.57	3163.62	-31.76	3184.41	-31.96	3218.86	-32.02	3243.06	-32.46
3263.68	-32.30	3301.48	-32.53	3329.54	-32.66	3349.95	-33.00	3371.14	-32.85
3400.04	-33.26	3420.73	-33.43	3441.78	-33.38	3462.06	-33.55	3482.26	-33.58
3502.86	-34.02	3523.08	-34.05	3558.49	-33.94	3579.25	-34.09	3603.86	-34.34
3641.62	-34.45	3669.71	-34.62	3692.00	-34.68	3722.93	-34.80	3743.13	-34.88
3779.79	-34.99	3800.76	-35.45	3835.14	-35.65	3856.36	-35.71	3882.82	-35.78
3915.70	-35.99	3936.14	-36.09	3974.56	-35.94	3995.04	-36.17	4019.26	-36.38
4041.44	-36.21	4073.85	-36.48	4094.23	-36.62	4114.38	-36.72	4139.48	-36.95
4159.76	-36.91	4197.50	-37.28	4218.00	-37.12	4239.12	-37.36	4272.04	-37.47
4292.81	-37.46	4321.38	-37.31	4359.17	-37.68	4379.33	-37.84	4400.22	-37.96
4432.58	-37.97	4452.88	-38.18	4484.36	-38.25	4505.80	-38.62	4527.11	-38.54
4551.39	-38.65	4576.63	-38.62	4603.92	-38.83	4624.32	-38.84	4647.43	-38.97
4673.73	-38.92	4698.73	-39.02	4719.05	-39.35	4748.29	-39.26	4783.46	-39.44

4803.99	-39.61	4824.06	-39.45	4846.16	-39.89	4867.00	-40.09	4891.04	-40.08
4914.77	-40.29	4935.05	-40.03	4956.10	-40.37	4977.04	-40.35		
R-163	1972	1711005.81	689102.51	60.00	10.52				
	06SEP23	19OCT23	215 00 30 185						

068.64	9.75	071.64	9.72	072.82	9.68	074.79	9.65	074.97	7.59
085.91	7.20	101.69	6.84	119.63	6.21	138.68	5.29	158.86	4.59
180.04	4.12	202.07	4.02	221.12	3.65	239.98	3.34	260.05	1.93
280.66	1.36	299.51	0.90	318.99	0.58	339.90	0.18	359.73	-0.18
382.79	-0.52	404.55	-0.92	428.27	-1.07	448.04	-1.17	469.11	-1.29
494.25	-1.64	518.87	-2.13	540.59	-2.35	566.08	-2.81	584.35	-3.30
630.98	-3.00	652.28	-3.68	686.14	-5.69	706.57	-6.52	727.24	-7.35
747.79	-7.81	768.14	-8.51	808.21	-9.21	828.64	-9.52	848.90	-9.70
870.31	-10.31	892.12	-10.11	914.02	-9.45	934.10	-7.66	954.62	-6.12
978.92	-5.58	999.88	-5.78	1027.06	-6.45	1047.24	-7.20	1067.70	-7.66
1088.06	-8.33	1109.54	-8.97	1130.58	-9.52	1167.85	-10.60	1188.37	-10.94
1208.64	-11.38	1228.94	-12.01	1249.38	-12.58	1269.92	-12.96	1291.72	-13.40
1311.88	-13.83	1332.30	-14.23	1352.76	-14.68	1386.07	-15.23	1407.66	-15.59
1430.64	-15.94	1460.51	-16.44	1500.66	-16.83	1522.80	-16.89	1548.29	-17.03
1569.47	-17.35	1598.50	-18.06	1623.34	-18.31	1645.76	-18.63	1668.16	-18.43
1693.06	-18.44	1713.66	-18.78	1733.99	-19.14	1754.58	-19.42	1774.70	-19.91
1794.86	-19.95	1842.23	-19.99	1862.24	-20.23	1882.42	-21.34	1922.40	-21.05
1942.72	-21.65	1962.89	-22.06	1983.20	-21.89	2007.90	-21.82	2028.12	-22.38
2048.45	-22.55	2085.38	-22.89	2105.76	-23.49	2132.25	-23.37	2153.47	-23.64
2177.96	-23.85	2199.45	-24.37	2219.68	-24.39	2249.44	-24.36	2269.47	-24.58
2289.92	-25.08	2310.10	-25.56	2350.02	-25.54	2370.94	-25.47	2400.01	-25.99
2420.44	-26.69	2440.89	-26.22	2474.95	-26.31	2495.44	-26.80	2531.76	-27.15
2551.99	-27.66	2582.54	-27.44	2603.03	-27.64	2636.38	-28.06	2656.66	-28.31
2686.65	-28.55	2706.86	-29.25	2728.08	-28.66	2752.39	-28.71	2773.22	-29.01
2795.15	-29.02	2815.85	-29.13	2836.04	-29.64	2856.45	-30.42	2876.97	-29.94
2913.25	-29.87	2934.04	-30.65	2954.50	-30.06	2983.77	-30.39	3004.06	-31.09
3024.22	-30.95	3047.34	-30.84	3067.34	-31.31	3087.64	-31.52	3107.67	-31.30
3132.11	-31.24	3152.39	-31.87	3182.88	-31.89	3214.68	-32.27	3235.14	-32.54
3255.60	-32.79	3281.74	-32.53	3302.44	-33.06	3322.89	-32.78	3361.78	-33.54
3387.78	-33.25	3408.22	-33.42	3428.26	-33.67	3460.68	-33.64	3480.78	-33.99
3517.20	-34.38	3542.89	-34.13	3563.27	-34.70	3583.68	-34.37	3613.01	-34.30
3634.59	-34.46	3655.01	-35.00	3682.20	-34.65	3702.52	-34.95	3723.10	-35.33
3748.16	-35.18	3786.72	-35.03	3807.06	-35.66	3827.18	-35.51	3851.13	-35.69

3879.70	-35.41	3899.83	-36.07	3921.87	-35.98	3944.52	-35.69	3965.49	-36.02
3985.80	-36.62	4005.99	-36.37	4027.69	-36.59	4060.36	-36.55	4080.83	-37.24
4102.24	-36.90	4122.88	-36.68	4143.99	-37.25	4166.47	-37.08	4186.76	-37.36
4222.20	-37.22	4242.91	-37.55	4281.22	-37.58	4301.68	-38.05	4321.98	-37.79
4342.69	-37.78	4363.02	-38.20	4383.20	-37.60	4406.57	-38.05	4426.89	-38.61
4447.55	-38.48	4468.67	-38.35	4491.85	-38.36	4512.20	-38.56	4533.28	-38.69
4553.66	-38.96	4574.80	-39.20	4608.42	-39.27	4628.83	-39.30	4655.62	-39.13
4676.06	-39.34	4696.41	-39.82	4716.68	-39.69	4736.82	-39.48	4760.77	-39.55
4781.14	-40.04	4801.15	-39.84	4826.68	-40.07	4848.08	-40.22	4868.72	-40.48
4889.12	-40.48	4910.04	-40.16	4931.54	-40.65	4951.69	-41.09	4976.67	-40.88
R-164	1978	1710198.76	689605.27	60.00	11.35				
	06SEP23	19OCT23	161 00 25 136						

012.30	10.36	033.34	10.01	034.92	10.04	035.07	5.70	044.81	5.24
056.22	4.66	076.86	4.10	098.76	3.91	120.65	3.65	140.19	3.11
160.71	1.48	180.11	0.96	200.88	0.52	223.31	0.07	247.14	-0.29
268.23	-0.59	290.62	-0.87	314.20	-1.17	336.18	-1.43	359.29	-1.77
384.13	-2.12	405.43	-2.41	430.73	-2.86	458.83	-3.29	479.98	-2.79
493.45	-2.74	514.20	-3.64	535.30	-4.23	561.18	-5.36	582.96	-5.98
603.10	-6.45	623.78	-7.14	646.50	-7.50	666.88	-8.29	695.19	-8.74
724.20	-8.96	744.55	-9.27	771.17	-9.70	792.55	-9.62	814.18	-9.18
834.69	-9.03	855.17	-7.92	875.64	-6.80	896.52	-6.54	935.66	-7.04
956.36	-7.39	976.82	-7.89	996.98	-8.31	1026.36	-8.97	1046.45	-9.65
1067.10	-10.31	1090.59	-10.81	1110.70	-11.13	1136.60	-11.79	1158.32	-12.43
1178.63	-13.12	1200.24	-13.64	1221.11	-14.17	1242.94	-14.44	1276.34	-14.99
1297.02	-15.25	1318.25	-15.45	1338.42	-15.89	1375.35	-16.03	1397.38	-16.30
1425.68	-16.60	1448.85	-16.92	1474.10	-17.17	1494.50	-17.74	1528.87	-18.11
1549.50	-18.40	1571.63	-18.42	1591.86	-18.71	1621.82	-19.06	1643.16	-19.09
1663.67	-19.49	1689.71	-19.68	1713.03	-20.01	1737.25	-20.34	1757.44	-20.57
1779.08	-20.84	1799.51	-21.18	1819.67	-21.47	1840.11	-21.79	1864.61	-21.92
1885.46	-22.04	1906.06	-22.39	1926.84	-22.64	1950.68	-22.63	1970.74	-23.12
1990.96	-23.33	2021.16	-23.43	2041.18	-23.68	2061.45	-24.00	2081.67	-23.99
2102.18	-24.06	2122.56	-24.51	2142.86	-24.70	2165.49	-24.92	2202.62	-25.41
2223.14	-25.68	2252.81	-25.74	2273.18	-26.22	2307.68	-26.54	2339.63	-26.55
2360.60	-26.86	2380.84	-27.15	2417.85	-27.42	2437.87	-27.51	2459.52	-27.88
2480.48	-27.80	2502.55	-28.09	2535.88	-28.31	2556.22	-28.54	2589.80	-28.90
2610.25	-28.98	2637.64	-29.15	2677.47	-29.59	2708.34	-29.69	2728.72	-29.86
2758.98	-30.08	2779.34	-30.25	2803.68	-30.38	2824.05	-30.52	2844.95	-30.89

2876.16	-30.73	2896.50	-31.28	2927.92	-31.39	2950.52	-31.37	2970.90	-31.79
2993.79	-31.80	3014.12	-31.98	3035.84	-32.04	3056.63	-32.25	3083.19	-32.48
3109.09	-32.59	3136.06	-32.52	3156.42	-32.76	3191.50	-32.94	3211.51	-33.36
3231.52	-33.50	3255.15	-33.59	3290.21	-33.85	3341.64	-33.83	3362.14	-34.11
3396.66	-34.27	3422.95	-34.37	3443.17	-34.50	3470.32	-34.54	3492.56	-34.75
3513.48	-34.88	3536.30	-34.85	3561.38	-35.01	3582.71	-35.15	3605.24	-35.38
3625.96	-35.62	3659.98	-35.68	3680.01	-35.83	3708.20	-35.90	3728.46	-36.11
3748.91	-36.15								

R-165	1972	1709340.91	690044.83	60.00	8.58
	06SEP23	19OCT23	176 00 24 152		

-008.72	8.99	-007.38	9.04	-005.59	9.02	-005.48	6.86	-001.13	6.68
011.59	5.89	028.69	4.77	048.09	4.29	066.56	4.29	079.40	3.97
100.01	3.27	120.49	1.71	141.37	1.18	163.16	0.59	184.44	0.22
207.10	-0.12	227.82	-0.27	247.69	-0.48	269.85	-0.74	293.94	-1.10
319.31	-1.55	340.76	-1.72	365.99	-2.05	387.95	-2.54	411.74	-3.30
431.82	-3.77	453.67	-3.64	487.65	-3.23	524.90	-3.42	545.10	-4.21
565.14	-5.23	585.16	-6.76	605.28	-7.86	630.71	-8.48	651.28	-8.80
672.72	-8.93	693.52	-9.02	716.33	-8.94	737.59	-9.20	763.15	-9.43
784.26	-9.07	804.52	-8.49	824.74	-7.12	844.87	-6.22	867.06	-6.10
888.16	-6.52	909.97	-6.83	930.18	-7.43	950.68	-8.02	981.27	-8.99
1001.28	-9.37	1021.94	-10.06	1045.73	-10.65	1066.75	-11.25	1094.82	-11.73
1117.45	-12.42	1139.41	-13.06	1160.78	-13.32	1181.20	-13.66	1207.62	-14.20
1227.82	-14.67	1249.88	-15.07	1280.46	-15.22	1301.23	-15.69	1322.96	-15.96
1346.23	-16.19	1366.86	-16.53	1406.53	-16.87	1427.19	-17.26	1456.69	-17.33
1477.92	-17.55	1504.68	-17.87	1526.93	-18.35	1551.60	-18.36	1572.28	-18.49
1592.31	-18.57	1612.71	-18.91	1632.98	-19.24	1653.54	-19.53	1673.61	-19.91
1703.47	-20.09	1723.60	-20.26	1743.69	-20.59	1764.07	-20.94	1797.90	-21.01
1818.00	-21.48	1838.00	-21.70	1868.30	-22.04	1888.55	-22.75	1923.41	-22.62
1943.87	-23.21	1964.40	-22.84	1990.44	-23.02	2014.26	-23.90	2034.33	-24.13
2063.06	-24.04	2083.53	-24.29	2104.37	-24.71	2136.09	-24.78	2156.28	-25.00
2176.47	-25.26	2196.89	-25.39	2217.24	-26.02	2237.29	-26.41	2257.68	-26.15
2295.04	-26.44	2332.28	-26.80	2352.66	-27.19	2388.18	-27.55	2427.24	-27.54
2447.89	-28.17	2476.24	-27.98	2496.56	-28.36	2517.16	-28.67	2554.57	-28.91
2574.60	-29.16	2607.36	-29.14	2627.80	-29.43	2647.92	-29.96	2682.62	-29.95
2703.42	-30.21	2740.98	-30.26	2761.38	-30.52	2781.58	-31.01	2820.63	-31.23
2840.85	-31.45	2875.36	-31.28	2895.93	-31.61	2916.07	-31.83	2936.49	-32.16
2956.70	-31.96	2981.31	-32.34	3009.83	-32.53	3037.88	-32.77	3057.92	-33.27

3078.76	-32.70	3105.48	-32.86	3125.67	-33.31	3162.52	-33.75	3184.83	-33.48
3216.92	-33.48	3237.32	-34.32	3272.49	-34.18	3299.73	-34.14	3319.83	-34.24
3340.13	-34.88	3378.56	-34.43	3398.71	-35.27	3435.22	-34.87	3455.45	-35.05
3475.75	-34.76	3495.78	-34.96	3515.83	-35.53	3537.34	-35.12	3557.36	-35.46
3579.20	-35.58	3600.54	-35.39	3640.85	-35.67	3661.37	-35.94	3688.24	-35.97
3711.04	-35.98	3731.14	-36.23	3752.02	-36.30	3790.62	-36.29	3815.83	-36.31
3836.14	-37.19	3860.06	-36.79	3898.65	-36.71	3919.05	-37.18	3939.34	-36.98
3960.14	-37.37	3987.82	-37.33	4008.20	-37.58	4028.27	-37.90	4049.37	-37.83
4070.36	-38.01								

R-166	1972	1708374.78	690494.33	60.00	14.65
	06SEP23	19OCT23	166 00 24 142		

-004.26	14.30	003.02	13.34	007.43	10.30	007.91	10.20	008.31	6.90
030.08	5.47	050.39	4.49	068.37	4.35	086.91	4.44	106.16	4.44
120.32	3.53	140.23	1.65	160.64	1.08	180.35	0.69	200.56	0.27
224.29	-0.02	247.48	-0.33	269.20	-0.60	295.89	-0.82	319.03	-1.18
346.14	-1.54	369.93	-1.99	398.77	-2.38	421.82	-2.88	449.40	-3.05
470.39	-2.78	507.74	-2.93	527.90	-3.95	547.98	-5.39	570.22	-6.49
590.82	-7.17	610.94	-7.75	631.42	-8.29	651.47	-8.53	676.94	-8.40
698.54	-8.73	720.36	-8.57	754.26	-8.84	775.02	-9.10	795.33	-9.06
815.74	-8.34	836.37	-7.17	856.62	-6.45	893.52	-6.06	918.08	-6.66
938.84	-7.31	960.44	-7.75	981.04	-8.60	1001.10	-9.29	1022.28	-9.81
1061.24	-10.33	1082.56	-10.98	1103.87	-11.44	1124.88	-11.94	1147.30	-12.47
1168.05	-12.97	1188.86	-13.32	1211.27	-14.15	1248.98	-14.42	1284.95	-15.02
1314.84	-15.18	1335.22	-15.49	1356.01	-15.64	1376.16	-15.85	1396.50	-16.10
1418.54	-16.50	1444.07	-16.68	1467.04	-17.17	1501.26	-17.08	1522.39	-17.58
1557.17	-18.08	1583.02	-18.36	1605.21	-18.63	1627.58	-18.66	1647.72	-18.94
1669.02	-19.12	1689.22	-19.54	1736.97	-20.13	1757.12	-20.28	1777.56	-20.65
1797.70	-20.88	1817.86	-21.03	1850.33	-21.52	1870.54	-21.68	1890.87	-21.97
1911.24	-22.22	1931.70	-22.59	1951.87	-22.90	1972.74	-23.21	1993.07	-23.47
2017.85	-23.65	2038.56	-23.96	2063.68	-24.08	2103.25	-24.39	2124.05	-24.74
2144.43	-24.87	2164.89	-24.97	2194.04	-25.61	2214.46	-25.73	2239.20	-25.78
2260.24	-26.11	2280.26	-26.33	2301.42	-26.69	2334.96	-26.81	2355.16	-27.25
2375.22	-27.41	2395.72	-27.45	2417.91	-27.64	2438.00	-28.00	2458.34	-28.14
2494.38	-28.45	2514.69	-28.67	2536.58	-28.87	2556.67	-28.96	2577.00	-29.09
2597.04	-29.27	2617.20	-29.43	2637.27	-29.54	2657.56	-29.88	2682.62	-30.02
2703.22	-30.45	2740.65	-30.56	2764.65	-30.82	2784.80	-31.15	2804.90	-31.25
2834.88	-31.47	2860.54	-31.65	2880.56	-31.71	2906.00	-31.95	2926.21	-32.32

2956.11	-32.28	2976.46	-32.48	2996.52	-32.72	3021.48	-32.68	3042.66	-32.71
3062.76	-33.03	3083.25	-33.30	3108.43	-33.36	3137.45	-33.47	3158.26	-33.76
3178.42	-33.90	3215.26	-34.30	3246.44	-34.18	3266.45	-34.46	3286.91	-34.63
3307.72	-34.75	3328.41	-34.72	3348.50	-34.75	3368.82	-35.02	3389.31	-35.17
3412.54	-35.18	3433.22	-35.26	3453.56	-35.50	3473.81	-35.68	3508.73	-35.75
3529.09	-35.85	3549.27	-35.98	3588.92	-36.14	3609.29	-36.23	3630.01	-36.41
3652.91	-36.40	3674.36	-36.51	3701.04	-36.53	3721.46	-36.58	3741.70	-36.61
3762.10	-36.69								

R-167	1972	1707515.31	690958.46	60.00	10.43
	06SEP23	19OCT23	174 00 27 147		

-001.68	10.15	-000.68	9.97	-000.41	5.63	004.95	5.25	022.40	4.13
041.94	3.38	060.46	3.89	075.79	4.04	094.40	4.04	110.00	3.17
130.13	1.10	150.89	0.51	173.01	0.13	194.90	-0.33	218.99	-0.55
242.66	-0.88	275.21	-1.15	306.86	-1.64	335.38	-2.06	365.31	-2.43
391.84	-2.88	405.90	-2.92	425.20	-3.06	446.09	-3.48	465.03	-3.87
485.64	-3.71	501.00	-3.90	510.96	-4.15	532.55	-5.63	553.50	-6.92
573.78	-7.69	598.47	-8.30	633.33	-8.91	655.51	-9.27	675.56	-9.45
695.95	-9.38	716.24	-7.97	736.28	-6.21	756.57	-5.11	791.74	-4.98
814.00	-5.38	834.13	-5.87	873.86	-7.20	894.07	-7.68	914.56	-8.26
935.42	-8.94	963.41	-9.64	984.43	-10.09	1004.98	-10.61	1025.48	-11.08
1045.90	-11.52	1066.09	-12.22	1086.69	-12.60	1106.85	-12.87	1127.23	-13.10
1148.49	-13.71	1171.60	-14.06	1192.08	-14.03	1212.12	-14.36	1232.54	-14.72
1255.11	-14.97	1275.24	-15.09	1296.04	-15.48	1321.17	-15.68	1345.56	-15.83
1367.27	-16.20	1387.68	-16.31	1408.36	-16.58	1430.29	-16.68	1455.63	-16.95
1478.17	-17.30	1501.62	-17.38	1521.65	-17.72	1547.14	-17.84	1569.44	-18.10
1589.82	-18.31	1620.28	-19.14	1640.56	-18.95	1662.13	-19.04	1682.63	-19.54
1702.66	-19.88	1723.80	-20.27	1744.19	-21.06	1764.70	-20.95	1791.94	-20.78
1812.24	-20.94	1832.72	-21.24	1859.28	-21.76	1895.54	-22.42	1915.70	-22.56
1936.49	-22.72	1956.58	-22.89	2011.12	-24.08	2031.67	-24.38	2063.99	-24.36
2084.80	-24.62	2106.23	-24.71	2126.62	-25.11	2158.16	-25.43	2178.50	-25.83
2198.51	-26.14	2219.26	-26.06	2243.10	-25.99	2264.02	-26.62	2284.13	-26.70
2319.25	-27.29	2339.26	-27.58	2360.00	-27.46	2389.18	-27.78	2416.76	-28.17
2436.92	-28.41	2459.11	-28.72	2481.29	-28.94	2502.21	-28.53	2526.40	-28.84
2546.92	-29.64	2567.18	-29.65	2591.16	-29.42	2611.82	-29.88	2632.24	-30.19
2653.08	-30.17	2699.98	-30.57	2720.26	-30.92	2740.45	-31.10	2776.29	-31.10
2796.63	-31.64	2817.09	-31.56	2839.44	-31.98	2859.73	-32.00	2898.98	-31.97
2927.78	-32.45	2948.28	-33.31	2987.72	-32.67	3008.05	-33.34	3028.49	-33.11

3056.88	-33.29	3077.15	-33.42	3097.37	-33.88	3122.72	-33.73	3144.12	-34.07
3165.38	-33.69	3190.59	-34.35	3211.20	-34.59	3236.54	-34.48	3269.08	-34.74
3289.62	-34.87	3326.40	-34.83	3346.56	-35.31	3366.66	-35.61	3396.90	-35.66
3416.99	-35.45	3450.67	-35.75	3470.79	-36.15	3505.52	-35.99	3525.90	-36.60
3546.14	-36.20	3568.22	-35.95	3588.44	-36.20	3608.68	-36.82	3640.17	-36.54
3666.68	-36.57	3686.99	-37.02	3707.74	-36.89	3738.76	-36.93	3758.80	-37.19
3784.39	-37.19	3810.43	-37.27	3831.06	-38.14	3851.27	-37.43	3876.14	-37.64
3907.84	-37.92	3928.41	-37.81	3964.85	-37.85	3985.58	-38.14		

R-168	1987	1706783.51	691344.19	60.00	10.62
	06SEP23	19OCT23	164 00	19 145	

-045.64	14.03	-043.75	14.09	-042.99	6.49	-025.03	5.51	-005.73	4.68
014.90	4.02	036.30	3.84	058.41	4.28	079.97	4.13	100.15	3.27
120.82	0.75	140.38	0.25	162.90	-0.30	191.95	-0.84	229.70	-1.49
262.15	-2.01	298.43	-2.46	328.83	-2.62	356.29	-2.83	380.26	-3.19
419.17	-3.14	439.56	-3.18	470.63	-3.06	490.79	-3.73	524.43	-5.25
545.10	-6.17	565.26	-6.96	585.38	-7.61	605.78	-8.05	627.41	-8.52
650.73	-9.08	688.25	-9.46	709.02	-9.50	742.18	-9.71	762.42	-9.19
783.21	-8.38	803.36	-6.84	823.73	-6.15	854.17	-6.27	885.39	-6.78
907.71	-7.43	928.55	-8.21	949.81	-9.03	970.16	-9.67	999.00	-10.39
1019.13	-11.04	1041.68	-11.40	1062.78	-12.04	1084.00	-12.39	1123.90	-13.26
1154.11	-13.73	1174.42	-13.97	1196.46	-14.13	1231.32	-14.80	1253.47	-14.88
1285.28	-14.95	1315.20	-15.24	1335.44	-15.66	1355.99	-15.75	1376.46	-16.20
1396.67	-16.41	1417.30	-16.48	1438.79	-16.75	1467.28	-16.68	1487.43	-17.42
1507.64	-17.27	1527.75	-17.68	1563.32	-18.00	1583.79	-18.39	1604.40	-18.48
1625.32	-18.84	1645.66	-19.05	1671.28	-19.50	1691.87	-19.82	1712.12	-20.09
1740.00	-20.30	1760.22	-20.60	1786.10	-20.90	1806.56	-21.10	1826.63	-21.30
1847.21	-21.74	1867.44	-21.98	1893.80	-22.10	1923.30	-22.55	1943.70	-23.09
1966.55	-23.22	1990.53	-23.64	2017.68	-23.95	2038.02	-24.19	2058.60	-24.39
2079.16	-24.75	2099.44	-25.05	2121.22	-25.34	2158.94	-25.60	2179.01	-25.80
2199.59	-26.11	2222.05	-26.26	2242.43	-26.60	2262.64	-26.83	2282.72	-27.08
2303.54	-27.27	2323.74	-27.41	2346.81	-27.70	2367.08	-27.91	2402.65	-28.21
2425.42	-28.34	2445.69	-28.72	2468.04	-28.87	2488.70	-29.13	2511.07	-29.10
2531.20	-29.49	2551.29	-29.60	2571.61	-29.69	2605.46	-30.00	2625.72	-30.24
2657.26	-30.39	2677.80	-30.66	2698.93	-30.95	2719.30	-31.05	2742.84	-31.17
2763.21	-31.55	2791.42	-31.49	2811.78	-31.90	2839.58	-31.86	2859.95	-32.34
2880.46	-32.48	2915.64	-32.62	2946.36	-33.10	2968.33	-33.24	3003.42	-33.29
3023.90	-33.67	3044.03	-33.74	3068.12	-33.87	3092.99	-34.04	3113.24	-34.28

3143.54	-34.34	3163.74	-34.52	3202.92	-34.70	3223.54	-34.92	3244.33	-34.98
3267.27	-35.00	3288.38	-35.33	3322.93	-35.65	3348.92	-35.41	3369.53	-35.79
3398.35	-35.72	3418.63	-36.03	3440.49	-36.13	3477.84	-36.26	3500.74	-36.25
3520.84	-36.52	3555.59	-36.61	3575.82	-36.85	3607.52	-37.06	3627.87	-36.97
3651.72	-37.21	3672.28	-37.11	3695.72	-37.28	3715.82	-37.60	3736.46	-37.65
3769.54	-37.43	3791.66	-37.71	3818.57	-37.96	3838.88	-37.94		
R-169	1978	1705871.95	691704.98	60.00	14.65				
	06SEP23	19OCT23	170 00	26 144					

-001.84	15.10	012.45	14.94	032.63	14.12	050.47	14.47	062.89	13.85
071.55	12.47	073.30	12.36	073.74	12.24	076.00	12.31	076.16	6.73
086.09	5.40	102.49	4.34	124.88	4.19	153.85	3.69	168.81	3.27
185.07	3.00	201.64	1.44	222.02	0.97	244.23	0.44	265.52	0.01
289.42	-0.30	310.95	-0.67	334.74	-0.97	366.95	-1.32	401.81	-1.56
435.49	-1.89	455.54	-1.83	477.54	-2.15	499.72	-2.69	520.19	-3.38
549.66	-3.06	584.42	-4.94	604.81	-5.96	624.83	-6.75	645.40	-7.46
665.82	-8.39	689.06	-8.89	719.91	-9.15	741.02	-9.37	762.45	-9.43
786.26	-9.90	807.91	-9.39	828.80	-8.94	849.10	-7.49	869.27	-5.64
913.91	-5.65	934.21	-6.31	954.62	-6.98	975.55	-7.41	996.92	-8.07
1027.44	-9.03	1047.57	-9.62	1068.52	-10.14	1089.55	-10.77	1112.14	-11.43
1136.56	-12.09	1160.34	-12.52	1189.33	-13.07	1211.32	-13.43	1236.37	-13.66
1259.05	-13.89	1285.24	-14.33	1308.12	-14.50	1328.72	-14.48	1350.87	-15.04
1377.70	-15.18	1400.77	-15.15	1422.13	-15.25	1442.37	-15.81	1467.48	-15.93
1495.06	-15.96	1515.35	-16.25	1536.42	-16.65	1559.22	-17.14	1591.43	-17.13
1611.46	-17.25	1651.66	-17.32	1671.70	-18.32	1724.30	-18.41	1744.86	-18.63
1765.00	-19.37	1785.58	-19.64	1805.66	-19.40	1837.75	-19.74	1858.12	-20.24
1878.71	-20.66	1914.56	-20.96	1935.02	-21.25	1955.36	-21.77	1986.33	-21.64
2006.58	-21.98	2026.90	-22.57	2047.01	-23.02	2067.56	-23.14	2087.94	-23.15
2108.14	-23.47	2128.41	-23.85	2151.70	-23.90	2192.05	-24.68	2212.40	-24.84
2233.09	-25.18	2267.20	-25.30	2300.21	-25.95	2320.87	-26.08	2349.09	-26.41
2369.39	-27.01	2409.72	-26.95	2430.02	-27.16	2450.16	-27.46	2470.58	-27.66
2491.06	-27.96	2511.18	-28.18	2531.50	-28.52	2552.42	-28.71	2572.80	-28.74
2597.74	-28.91	2618.19	-29.46	2638.51	-30.26	2658.60	-29.65	2690.88	-29.89
2716.87	-30.11	2737.18	-30.51	2757.32	-30.73	2778.44	-30.52	2799.44	-30.92
2819.49	-31.81	2839.65	-31.41	2869.87	-31.29	2890.43	-32.08	2910.66	-31.83
2938.34	-32.13	2958.55	-32.57	2981.25	-32.57	3001.32	-32.78	3021.44	-33.16
3053.42	-32.86	3073.44	-33.39	3099.68	-33.19	3120.16	-33.56	3140.45	-33.89
3161.12	-33.77	3200.67	-34.14	3220.80	-34.33	3243.76	-34.24	3264.02	-34.99

3284.18	-34.73	3314.64	-35.06	3334.75	-35.49	3355.60	-35.29	3379.77	-35.27
3400.44	-35.53	3421.33	-35.47	3445.24	-35.79	3465.38	-36.16	3492.04	-35.99
3512.48	-36.64	3533.51	-36.75	3571.80	-36.65	3592.20	-37.22	3629.14	-37.10
3650.97	-37.04	3676.56	-37.06	3696.59	-37.86	3716.92	-37.54	3737.72	-37.50
3774.99	-37.81	3802.37	-37.87	3826.84	-38.13	3863.44	-38.23	3886.55	-38.38
R-170	1972	1704983.18	692201.48	60.00	15.39				
	06SEP23	19OCT23	168 00 30 138						

-017.50	15.41	-002.01	16.18	003.10	10.61	005.83	11.26	009.30	10.30
009.53	7.14	023.69	6.67	033.54	6.58	035.75	9.81	039.05	9.65
042.68	9.35	045.67	5.83	056.45	5.24	071.18	4.68	090.70	4.02
111.77	4.10	132.86	4.09	150.16	3.18	170.29	1.71	188.21	1.30
208.75	0.84	229.40	0.46	252.54	0.07	273.89	-0.22	297.27	-0.54
317.67	-0.76	353.52	-1.14	381.26	-1.60	409.99	-2.04	438.59	-2.49
447.04	-2.62	476.32	-1.49	498.69	-1.74	519.18	-2.37	539.36	-3.31
564.98	-4.27	585.00	-5.22	605.65	-6.01	626.48	-6.92	646.83	-7.87
666.94	-8.44	693.92	-8.54	714.04	-9.01	735.52	-9.62	758.76	-9.99
783.59	-9.58	803.66	-8.74	823.78	-6.81	844.16	-5.51	866.06	-5.38
886.92	-5.82	920.02	-6.95	940.08	-7.73	960.86	-8.11	981.15	-8.43
1001.50	-9.10	1030.76	-9.96	1051.23	-10.54	1071.69	-11.22	1096.61	-11.72
1116.84	-12.44	1137.62	-12.80	1157.89	-13.09	1178.19	-13.44	1200.23	-13.82
1223.97	-13.87	1244.70	-14.32	1282.28	-14.72	1321.65	-14.66	1341.83	-15.18
1362.64	-15.54	1387.70	-15.57	1410.66	-15.91	1440.12	-15.86	1460.46	-16.21
1498.81	-16.33	1529.11	-16.60	1549.63	-16.87	1570.51	-17.32	1609.80	-17.51
1630.83	-17.71	1651.02	-17.92	1671.43	-18.15	1692.00	-18.45	1719.45	-18.86
1751.26	-19.20	1771.32	-19.44	1808.09	-19.73	1844.23	-20.32	1865.30	-20.38
1885.65	-20.82	1905.92	-21.01	1926.12	-21.39	1955.14	-21.76	1975.47	-22.16
1999.03	-22.32	2019.35	-22.70	2040.67	-22.97	2070.10	-23.27	2090.88	-23.77
2111.15	-23.97	2131.74	-24.15	2151.92	-24.46	2172.04	-24.90	2209.36	-25.20
2229.52	-25.45	2249.53	-25.80	2269.85	-26.00	2299.54	-26.33	2319.80	-26.72
2340.56	-26.93	2360.67	-27.09	2381.07	-27.38	2401.70	-27.46	2439.02	-27.99
2459.19	-28.10	2479.21	-28.36	2499.59	-28.71	2526.26	-29.08	2552.65	-29.22
2572.71	-29.65	2607.96	-29.86	2629.07	-30.03	2649.40	-30.53	2671.00	-30.43
2691.00	-30.68	2711.10	-30.92	2731.38	-31.03	2760.22	-31.30	2782.40	-31.55
2802.71	-31.82	2823.48	-31.92	2845.17	-32.18	2865.92	-32.49	2898.90	-32.81
2919.69	-33.00	2951.69	-33.31	2983.93	-33.49	3004.31	-33.73	3025.27	-33.89
3051.71	-33.94	3079.10	-34.13	3099.54	-34.20	3120.26	-34.40	3141.49	-34.58
3162.58	-34.72	3194.92	-34.98	3230.18	-35.20	3250.75	-35.50	3275.52	-35.59

3295.61	-35.89	3327.95	-35.89	3358.48	-36.15	3378.60	-36.34	3401.33	-36.51
3434.10	-36.66	3454.55	-36.75	3483.66	-36.92	3505.08	-37.09	3525.92	-37.22
3552.85	-37.32	3576.41	-37.40	3598.61	-37.55	3633.59	-37.60	3653.76	-37.73
3673.89	-37.82	3705.27	-37.91	3725.60	-38.00				
R-171	1972	1704126.75	692593.82	60.00	23.15				
	06SEP23	19OCT23	166 00	29 137					

068.12	10.54	072.18	9.62	078.32	7.09	084.48	6.91	086.03	6.69
087.66	10.10	094.59	10.19	096.35	6.37	109.92	5.32	130.58	4.68
153.42	3.91	175.25	4.23	193.70	4.28	214.93	3.32	235.12	1.41
251.24	1.05	272.85	0.64	292.43	0.19	311.99	-0.04	334.45	-0.25
356.40	-0.56	383.37	-0.88	418.21	-1.32	446.25	-1.75	470.16	-2.13
495.09	-2.57	524.80	-2.50	550.14	-2.99	573.81	-3.79	600.08	-4.16
620.52	-5.26	640.70	-6.17	661.18	-7.23	700.67	-8.47	721.24	-9.00
744.72	-9.24	773.59	-9.34	794.14	-9.56	833.56	-9.24	853.61	-8.28
874.70	-6.03	926.37	-5.87	947.93	-6.51	968.18	-7.05	988.93	-7.60
1009.67	-8.19	1038.44	-9.08	1058.84	-9.63	1080.84	-10.22	1102.90	-10.99
1124.91	-11.39	1147.90	-11.91	1168.44	-12.70	1191.59	-13.32	1216.13	-13.54
1236.60	-13.68	1257.82	-14.00	1279.40	-14.34	1302.90	-14.51	1336.73	-14.62
1358.06	-14.97	1387.21	-15.34	1410.54	-15.24	1445.32	-15.83	1466.28	-15.72
1492.43	-15.96	1512.91	-16.10	1542.28	-16.22	1562.62	-16.52	1587.77	-16.76
1620.11	-16.94	1640.23	-17.46	1660.53	-17.92	1681.49	-17.38	1703.72	-17.24
1727.42	-17.96	1747.58	-18.72	1774.76	-18.63	1796.85	-18.92	1817.32	-19.07
1848.00	-19.40	1868.80	-19.78	1888.90	-20.20	1908.98	-20.51	1929.16	-20.76
1949.40	-20.61	1988.30	-21.15	2008.35	-21.52	2028.78	-21.98	2048.80	-22.50
2088.77	-22.68	2108.80	-23.14	2138.72	-23.38	2158.77	-23.53	2179.08	-24.00
2202.84	-24.15	2223.02	-24.93	2243.30	-25.16	2263.50	-24.99	2301.24	-25.83
2321.62	-26.35	2353.54	-26.26	2374.06	-27.03	2394.47	-27.15	2429.58	-27.04
2449.94	-27.88	2480.77	-27.88	2501.28	-28.30	2540.09	-28.55	2561.53	-28.88
2581.98	-29.23	2605.60	-29.35	2627.28	-29.48	2660.42	-30.15	2681.30	-30.21
2707.88	-30.19	2734.03	-30.47	2754.14	-30.97	2774.33	-31.47	2797.75	-31.17
2818.78	-31.42	2838.91	-31.84	2859.04	-31.91	2879.28	-32.04	2903.46	-32.10
2923.62	-32.99	2943.94	-33.06	2970.94	-33.19	2991.12	-32.92	3015.86	-33.59
3036.14	-33.34	3067.34	-33.55	3087.68	-33.85	3114.53	-34.53	3134.74	-35.10
3154.80	-34.31	3184.10	-34.36	3204.41	-34.83	3235.10	-35.13	3255.23	-35.41
3276.23	-35.28	3296.53	-35.51	3320.06	-35.51	3349.78	-35.69	3369.95	-36.22
3393.14	-36.04	3413.30	-36.24	3435.98	-36.66	3456.17	-36.72	3476.56	-36.43
3504.96	-36.62	3525.81	-37.12	3546.18	-37.31	3572.27	-37.28	3593.08	-37.32

3617.03 -37.49 3637.20 -37.46 3659.86 -37.92 3679.87 -37.91 3703.61 -38.06
3724.18 -38.83 3744.38 -38.27 3782.19 -38.39 3802.60 -38.65 3831.12 -38.58
3860.23 -38.88

R-172 1988 1703327.40 693175.80 60.00 11.52
06SEP23 19OCT23 172 00 26 146

-089.86 13.49 -089.21 11.31 -081.15 7.69 -065.85 5.86 -057.58 6.00
-056.31 9.46 -048.85 9.38 -047.22 6.39 -029.64 5.28 -007.76 4.29
011.68 3.97 019.80 4.32 039.20 4.38 060.25 3.43 080.56 2.89
100.31 1.41 119.73 0.88 142.51 0.42 164.94 -0.08 188.38 -0.45
212.59 -0.79 246.37 -1.12 281.85 -1.48 313.14 -1.71 339.06 -2.13
361.47 -2.57 368.40 -3.02 391.66 -2.90 412.00 -2.78 432.40 -2.90
454.05 -3.22 487.00 -4.49 507.82 -5.80 528.06 -6.48 548.39 -7.06
568.68 -7.92 602.98 -8.86 623.74 -9.39 644.92 -9.75 673.54 -9.90
701.61 -9.54 722.28 -8.17 742.40 -6.27 778.05 -5.63 800.68 -6.23
832.36 -7.28 853.15 -8.12 873.97 -8.61 894.50 -9.06 916.32 -9.53
943.04 -10.23 963.08 -10.82 984.97 -11.44 1005.84 -12.31 1026.00 -13.10
1046.99 -13.25 1067.42 -13.22 1087.53 -13.51 1110.50 -13.80 1138.13 -13.93
1159.34 -14.37 1195.46 -14.81 1216.13 -15.05 1243.36 -15.09 1264.18 -15.50
1301.81 -15.59 1331.43 -15.40 1352.26 -15.77 1390.33 -16.05 1410.40 -16.18
1433.42 -16.48 1455.80 -16.64 1476.28 -16.94 1496.61 -17.04 1523.05 -17.09
1549.93 -17.67 1588.02 -17.84 1608.31 -18.00 1636.32 -18.35 1657.33 -18.56
1677.52 -18.79 1697.77 -18.87 1718.45 -19.19 1740.42 -19.58 1777.63 -19.97
1798.58 -20.30 1819.72 -20.58 1840.08 -20.90 1872.64 -21.26 1893.46 -21.58
1913.78 -21.92 1934.19 -22.29 1954.63 -22.46 1981.56 -23.01 2007.53 -23.33
2028.24 -23.50 2049.21 -23.77 2069.56 -24.22 2093.49 -24.44 2113.60 -24.91
2134.05 -25.14 2154.08 -25.63 2174.32 -25.84 2197.26 -26.15 2222.81 -26.57
2243.22 -26.78 2271.12 -26.99 2291.91 -27.20 2317.78 -27.63 2353.96 -28.05
2374.40 -28.19 2395.44 -28.51 2415.60 -28.97 2448.61 -29.07 2468.80 -29.32
2488.99 -29.64 2509.74 -29.87 2532.94 -29.94 2555.77 -30.23 2575.86 -30.60
2595.95 -30.74 2627.87 -31.00 2648.14 -31.27 2673.68 -31.68 2697.96 -31.79
2717.97 -32.20 2738.02 -32.40 2763.30 -32.48 2787.69 -32.77 2807.76 -32.98
2829.87 -33.16 2852.41 -33.27 2873.09 -33.52 2893.78 -33.66 2922.92 -33.91
2943.26 -34.21 2968.90 -34.31 2990.28 -34.50 3011.23 -34.89 3044.17 -35.08
3064.53 -35.36 3085.07 -35.38 3105.29 -35.65 3126.64 -35.76 3157.87 -35.98
3178.40 -36.30 3201.51 -36.34 3233.53 -36.24 3253.80 -36.68 3285.23 -36.92
3316.58 -37.07 3337.46 -37.12 3358.23 -37.40 3392.45 -37.47 3412.98 -37.94
3452.33 -38.07 3472.45 -37.90 3500.57 -38.20 3526.70 -38.33 3552.74 -38.44

3574.22	-38.71	3603.51	-38.97	3624.00	-38.99	3647.93	-39.08	3670.27	-38.99
3691.69	-39.38	3711.89	-39.35	3732.04	-39.45	3752.52	-39.42	3773.27	-39.67
3794.91	-39.66	3814.99	-39.54						
R-173	1972	1702537.29	693550.02	60.00	14.41				
	06SEP23	19OCT23	170 00 28 142						

-021.50	12.55	-017.50	12.51	-015.20	7.67	-006.66	6.42	005.29	6.34
007.05	9.75	016.18	9.49	019.11	6.18	027.42	5.26	051.54	4.12
061.63	3.86	082.56	3.60	105.51	4.02	124.92	4.21	145.05	3.26
160.79	1.04	183.18	0.45	204.78	-0.03	228.65	-0.38	250.26	-0.83
282.40	-1.32	307.55	-1.59	338.70	-1.68	360.47	-1.89	380.89	-2.10
398.92	-2.40	414.15	-2.38	436.62	-2.89	461.87	-2.93	483.64	-3.43
507.44	-4.39	527.82	-5.38	548.28	-6.59	568.38	-7.43	588.42	-8.11
608.80	-8.58	647.10	-9.46	669.17	-9.58	689.76	-9.06	709.99	-7.91
730.53	-5.58	768.30	-5.13	789.27	-5.74	809.86	-6.12	830.76	-6.63
851.42	-7.08	871.65	-7.51	891.84	-8.09	912.54	-8.79	932.87	-9.35
954.32	-9.94	976.88	-10.63	997.78	-11.19	1018.12	-11.81	1039.32	-12.20
1059.66	-12.70	1087.76	-13.33	1107.78	-13.72	1127.94	-14.05	1148.50	-14.19
1168.66	-14.51	1201.07	-14.82	1221.23	-15.05	1241.58	-14.72	1265.34	-15.06
1295.49	-15.17	1315.66	-15.35	1346.86	-15.39	1369.89	-15.74	1392.24	-15.65
1429.40	-16.07	1458.71	-16.29	1480.23	-16.45	1508.28	-16.57	1529.47	-17.05
1567.93	-17.26	1605.17	-17.50	1625.29	-17.70	1650.76	-17.75	1671.10	-18.51
1693.30	-18.32	1721.51	-18.49	1742.05	-19.19	1762.38	-19.60	1784.23	-19.59
1804.90	-19.74	1824.97	-20.06	1854.72	-20.49	1874.76	-21.09	1909.08	-21.16
1936.79	-21.48	1957.31	-22.02	1981.12	-22.22	2002.00	-22.36	2040.09	-22.87
2060.31	-23.39	2080.42	-23.60	2100.68	-23.73	2121.00	-24.30	2141.30	-24.61
2179.84	-24.81	2200.82	-25.40	2221.25	-26.12	2260.74	-26.29	2281.25	-26.49
2301.44	-26.61	2331.56	-27.13	2356.19	-27.79	2376.28	-28.14	2396.56	-28.28
2421.64	-28.34	2441.65	-28.93	2466.14	-28.54	2487.02	-29.19	2507.71	-29.72
2527.92	-29.66	2551.97	-29.93	2572.72	-30.38	2593.46	-30.26	2620.60	-30.45
2640.98	-30.87	2661.66	-31.25	2682.73	-31.86	2703.90	-32.03	2724.23	-31.73
2761.14	-32.15	2781.18	-32.93	2830.78	-32.89	2851.05	-33.27	2877.52	-33.56
2915.84	-34.02	2936.02	-34.17	2957.49	-34.14	2978.06	-34.30	2998.34	-34.80
3021.11	-34.64	3061.16	-34.84	3081.25	-35.30	3102.51	-35.51	3142.50	-35.60
3162.78	-36.33	3185.98	-36.31	3206.36	-36.15	3236.36	-36.47	3282.80	-36.59
3302.93	-37.20	3324.40	-36.98	3355.10	-37.33	3375.47	-37.96	3395.84	-37.22
3423.36	-37.22	3443.70	-38.20	3463.72	-37.84	3491.79	-37.73	3512.48	-38.68
3532.72	-38.35	3553.10	-37.93	3575.25	-38.35	3595.72	-39.19	3615.89	-38.58

3638.09	-38.71	3658.10	-39.23	3691.16	-39.17	3713.20	-39.21	3738.04	-39.34
3758.12	-39.68	3796.61	-39.72	3816.87	-39.43	3837.98	-39.59	3861.66	-39.81
R-174	1972	1701679.25	694020.97	60.00	14.09				
	06SEP23	19OCT23	162 00	19 143					

013.81	13.04	015.84	13.12	016.24	6.52	035.68	5.10	056.00	4.48
076.92	4.10	097.98	3.34	120.11	2.95	140.87	1.55	161.98	0.94
184.07	0.33	208.55	-0.20	239.50	-0.89	271.86	-1.41	295.73	-1.88
326.50	-2.42	351.61	-2.84	370.26	-3.06	393.49	-2.59	409.74	-2.52
430.23	-3.01	453.76	-3.30	477.33	-3.52	497.40	-3.51	517.54	-4.21
540.84	-5.92	562.05	-6.76	583.11	-7.12	603.47	-7.51	623.50	-8.08
643.70	-8.34	677.83	-8.59	699.96	-9.13	728.70	-9.52	750.07	-9.18
771.73	-8.97	791.92	-8.24	812.19	-6.72	838.67	-6.18	858.91	-6.70
879.27	-7.24	915.87	-8.24	935.99	-8.49	956.39	-9.11	977.16	-9.77
1000.40	-10.20	1021.45	-10.83	1043.48	-11.54	1065.84	-12.19	1086.64	-12.57
1107.75	-13.10	1128.00	-13.65	1155.59	-14.04	1178.34	-14.08	1198.37	-14.44
1218.48	-14.88	1253.47	-14.99	1274.57	-15.53	1295.72	-15.81	1319.64	-15.69
1352.98	-15.77	1376.09	-15.48	1401.25	-15.32	1421.48	-15.50	1441.82	-15.93
1478.38	-16.12	1498.46	-16.86	1518.63	-17.39	1552.34	-17.05	1574.52	-17.42
1594.93	-17.56	1630.91	-17.65	1651.02	-17.85	1671.15	-18.21	1706.53	-18.55
1726.86	-18.78	1747.70	-19.04	1767.74	-19.23	1787.87	-19.48	1818.25	-19.88
1842.87	-20.10	1862.89	-20.65	1883.34	-20.76	1903.52	-21.02	1923.81	-21.36
1943.96	-21.59	1964.28	-21.83	1994.16	-22.28	2014.39	-22.52	2034.79	-22.86
2072.68	-23.53	2093.07	-23.87	2114.34	-24.26	2134.35	-24.48	2155.90	-24.97
2176.30	-25.31	2196.92	-25.52	2219.34	-25.84	2239.58	-26.32	2261.50	-26.51
2281.84	-26.90	2301.93	-27.06	2322.84	-27.25	2344.47	-27.45	2365.29	-27.74
2388.88	-28.15	2414.48	-28.44	2434.79	-28.87	2457.30	-29.02	2477.66	-29.30
2506.78	-29.79	2527.03	-29.92	2552.70	-30.24	2572.76	-30.44	2595.08	-30.80
2630.75	-31.01	2651.32	-31.27	2672.75	-31.68	2692.90	-31.99	2737.46	-32.33
2757.75	-32.53	2780.70	-32.62	2800.83	-32.99	2821.51	-33.23	2854.24	-33.54
2875.62	-33.69	2901.68	-33.97	2922.00	-34.21	2942.40	-34.30	2965.60	-34.60
2986.31	-34.82	3006.47	-35.14	3039.59	-35.54	3071.22	-35.51	3111.48	-35.99
3133.16	-36.09	3158.19	-36.28	3178.36	-36.44	3212.10	-36.70	3237.35	-36.79
3257.92	-37.09	3292.17	-37.24	3312.60	-37.37	3340.46	-37.66	3360.71	-37.79
3383.54	-37.98	3404.54	-37.95	3433.71	-38.19	3454.15	-38.30	3475.02	-38.41
3495.09	-38.53	3518.66	-38.54	3538.89	-38.50	3559.44	-39.05	3589.86	-39.09
3618.15	-38.97	3638.47	-39.28	3674.71	-39.41	3702.82	-39.35	3723.12	-39.89
3750.79	-39.91	3771.12	-40.18						

R-175 1972 1700852.03 694473.85 60.00 13.50
06SEP23 19OCT23 173 00 29 144

-019.42	11.59	-016.18	8.62	-014.78	7.38	-012.46	6.97	-011.20	10.32
-004.38	10.20	-002.65	6.65	-000.18	6.19	014.05	5.35	027.29	4.77
044.64	4.00	060.44	3.89	081.54	3.00	105.30	2.17	126.91	1.55
146.88	0.97	168.64	0.46	193.77	-0.05	224.66	-0.64	254.18	-1.19
282.34	-1.68	312.04	-2.21	333.81	-2.49	357.38	-2.88	366.58	-2.78
390.42	-3.03	413.24	-2.81	440.42	-3.62	461.66	-3.61	486.67	-3.25
506.80	-3.87	528.24	-5.33	548.83	-7.11	569.66	-7.98	593.98	-8.91
614.43	-9.27	635.50	-8.91	655.54	-6.69	676.14	-5.19	696.56	-4.91
717.06	-4.52	737.12	-5.02	757.58	-5.47	778.27	-5.94	799.86	-6.74
820.47	-7.30	846.22	-8.07	866.51	-8.61	887.69	-9.30	909.00	-9.87
929.07	-10.34	967.00	-11.28	988.45	-11.71	1008.61	-12.15	1031.37	-12.69
1063.77	-13.39	1084.20	-13.74	1104.22	-14.01	1124.58	-14.32	1150.78	-14.56
1177.33	-14.88	1198.27	-15.04	1237.69	-15.14	1258.31	-15.47	1280.94	-15.30
1303.63	-15.64	1332.62	-15.56	1352.94	-15.81	1383.39	-15.70	1403.53	-15.85
1423.68	-15.97	1445.81	-16.23	1465.82	-16.40	1488.42	-16.54	1509.54	-16.64
1529.99	-16.63	1550.39	-16.94	1570.68	-17.27	1600.88	-17.50	1626.94	-17.77
1647.33	-17.68	1670.40	-17.82	1690.82	-18.57	1712.58	-18.42	1733.31	-18.77
1753.36	-18.98	1786.62	-19.09	1807.05	-19.74	1827.08	-20.44	1847.56	-20.31
1869.85	-20.20	1890.45	-20.35	1910.87	-20.94	1931.16	-21.43	1957.37	-21.50
1991.96	-22.28	2012.06	-22.51	2032.57	-22.71	2052.77	-22.92	2072.77	-23.23
2097.64	-23.94	2118.52	-24.41	2138.84	-24.93	2159.26	-24.72	2187.86	-24.83
2224.47	-25.79	2245.36	-25.97	2266.54	-26.23	2287.33	-26.67	2307.40	-27.06
2327.68	-27.63	2353.84	-27.31	2374.44	-27.72	2394.82	-28.28	2418.96	-28.34
2453.06	-28.93	2473.09	-29.31	2493.40	-29.62	2514.62	-29.63	2535.09	-29.87
2559.57	-30.16	2579.89	-30.64	2600.12	-30.96	2630.33	-31.05	2650.81	-31.30
2677.04	-31.55	2697.78	-31.88	2717.94	-32.11	2745.91	-31.96	2766.27	-32.65
2786.58	-33.54	2807.06	-33.24	2827.30	-32.97	2850.52	-33.44	2870.68	-34.01
2896.21	-33.94	2930.08	-34.10	2950.21	-34.42	2970.26	-34.83	2997.75	-34.93
3017.92	-35.14	3046.68	-35.29	3067.16	-35.70	3087.40	-35.90	3107.42	-35.56
3136.03	-35.87	3156.38	-36.24	3176.68	-36.85	3196.95	-36.57	3224.20	-36.70
3257.84	-37.09	3277.99	-37.46	3298.08	-37.86	3318.77	-37.52	3346.47	-37.54
3366.56	-38.21	3406.54	-37.96	3426.73	-38.29	3447.26	-38.66	3479.77	-38.87
3500.00	-39.03	3533.87	-39.04	3554.25	-39.50	3574.36	-39.40	3614.74	-40.06
3635.22	-39.89	3675.24	-39.82	3695.71	-40.12	3732.95	-40.09	3753.26	-40.47
3779.29	-40.45	3799.59	-40.76	3831.66	-40.65				

R-176 1972 1700038.26 695003.64 60.00 11.67
06SEP23 19OCT23 161 00 22 139

-016.43	13.85	-010.55	12.54	-002.08	11.28	-001.86	11.31	-000.37	11.33
000.33	4.52	014.08	4.28	031.06	3.42	051.24	2.41	070.22	1.55
090.77	0.76	113.12	0.25	143.29	-0.59	179.22	-1.11	204.24	-1.30
233.11	-1.42	261.80	-1.70	288.29	-1.99	320.22	-2.80	340.43	-2.45
357.44	-2.83	381.36	-3.50	400.66	-2.90	420.97	-3.90	453.83	-5.10
473.99	-6.00	494.35	-6.97	514.57	-7.60	534.66	-8.08	559.89	-8.60
584.32	-8.97	605.93	-9.34	627.20	-9.47	664.63	-9.48	684.83	-9.08
705.65	-7.59	725.92	-6.28	747.59	-6.22	768.40	-6.80	801.52	-7.37
821.81	-7.69	842.08	-8.28	863.24	-8.80	883.42	-9.54	916.69	-10.35
937.81	-10.98	957.92	-11.63	978.63	-12.57	998.94	-13.18	1034.59	-13.78
1055.41	-14.37	1075.72	-14.70	1114.80	-15.08	1139.33	-15.06	1168.49	-15.34
1189.87	-15.36	1210.10	-15.35	1231.26	-15.34	1263.04	-15.57	1293.55	-15.87
1314.76	-15.90	1339.29	-15.84	1367.50	-16.17	1388.61	-16.39	1409.23	-16.64
1441.82	-16.86	1471.68	-17.07	1506.61	-17.39	1528.50	-17.04	1552.42	-17.39
1575.15	-17.59	1609.77	-18.05	1630.54	-18.32	1650.80	-18.76	1671.23	-18.96
1691.40	-19.31	1720.83	-19.70	1740.91	-20.04	1766.97	-20.20	1787.16	-20.37
1807.67	-20.59	1841.82	-20.95	1862.26	-21.24	1882.34	-21.54	1902.48	-21.75
1922.52	-22.21	1952.31	-22.63	1972.72	-22.94	1993.10	-23.25	2013.16	-23.68
2033.35	-23.96	2069.58	-24.59	2089.71	-24.96	2109.72	-25.28	2129.84	-25.53
2150.14	-25.90	2176.19	-26.29	2196.32	-26.69	2217.92	-26.70	2238.19	-27.17
2261.93	-27.40	2282.10	-27.78	2322.40	-28.22	2342.89	-28.76	2364.69	-28.88
2384.74	-29.11	2420.00	-29.71	2440.10	-29.89	2460.28	-30.03	2480.60	-30.35
2500.80	-30.88	2534.50	-31.19	2554.94	-31.54	2586.93	-31.95	2607.49	-32.15
2648.35	-32.52	2669.46	-32.73	2690.83	-32.81	2711.40	-33.23	2731.48	-33.42
2765.61	-33.77	2785.75	-34.02	2805.76	-34.28	2827.36	-34.51	2853.34	-34.66
2873.68	-35.14	2902.66	-35.14	2923.06	-35.50	2959.78	-35.81	2980.00	-35.96
3006.22	-36.32	3033.44	-36.47	3053.62	-36.79	3093.66	-36.96	3132.91	-37.38
3157.37	-37.39	3177.66	-37.56	3201.51	-37.76	3221.89	-38.06	3256.26	-38.29
3276.48	-38.39	3297.03	-38.53	3317.74	-38.91	3341.24	-38.86	3361.80	-39.00
3382.14	-39.04	3404.07	-39.21	3424.45	-39.46	3458.22	-39.54	3479.01	-39.73
3499.28	-39.74	3521.10	-39.95	3541.43	-40.09	3561.48	-40.28	3591.42	-40.25
3612.14	-40.61	3644.98	-40.74	3665.52	-40.67	3690.61	-40.89	3711.74	-40.75
3732.44	-40.95								

R-177 1978 1699145.70 695454.77 60.00 14.17
05SEP23 19OCT23 170 00 26 144

-062.51	17.56	-055.33	15.42	-046.47	9.21	-029.45	8.60	-024.73	7.68
-022.97	8.85	-007.57	7.49	-006.91	5.32	004.89	4.48	021.64	4.07
038.40	4.26	058.15	3.58	076.29	2.41	097.19	1.46	118.61	0.76
140.94	0.07	163.62	-0.34	184.55	-0.79	205.93	-1.13	227.87	-1.48
248.75	-1.84	268.50	-2.21	287.81	-2.49	309.31	-2.80	331.22	-3.12
357.64	-3.62	385.60	-3.85	405.73	-2.89	435.30	-2.31	456.08	-3.13
477.48	-3.77	511.45	-5.64	531.56	-6.57	552.96	-7.69	573.03	-8.88
593.39	-8.93	616.34	-8.81	641.20	-8.80	662.57	-8.89	699.02	-9.03
719.72	-9.09	740.84	-9.19	761.95	-8.36	782.98	-6.97	803.53	-6.61
858.18	-7.28	878.26	-7.81	898.39	-8.48	918.94	-9.09	939.34	-9.74
963.82	-10.48	984.10	-10.93	1010.14	-11.49	1030.25	-12.12	1050.76	-12.81
1073.57	-13.38	1094.96	-13.94	1116.44	-14.26	1136.54	-14.46	1156.68	-14.99
1178.88	-15.05	1216.00	-15.32	1236.72	-15.53	1273.80	-15.55	1304.50	-15.78
1328.16	-15.79	1351.86	-15.93	1382.68	-16.31	1403.52	-16.25	1441.76	-16.72
1464.14	-16.83	1494.17	-16.70	1514.60	-17.04	1534.64	-17.25	1554.85	-17.65
1575.80	-17.35	1615.86	-17.75	1636.28	-17.99	1656.57	-18.44	1682.87	-18.55
1703.45	-19.04	1728.68	-18.88	1748.90	-19.24	1787.02	-19.73	1807.06	-20.21
1827.18	-20.40	1847.92	-20.56	1868.05	-20.90	1900.66	-21.25	1920.70	-21.69
1953.59	-21.92	1973.86	-22.46	2009.20	-22.89	2029.60	-23.61	2050.39	-23.72
2070.47	-23.96	2090.69	-24.10	2115.40	-24.74	2135.46	-24.92	2155.74	-25.25
2177.04	-25.60	2197.05	-26.17	2217.44	-26.64	2243.44	-26.38	2264.23	-26.80
2284.90	-27.30	2305.25	-27.51	2325.68	-27.93	2356.75	-28.33	2380.21	-28.59
2400.26	-29.17	2422.86	-29.03	2443.18	-29.45	2463.39	-30.10	2501.28	-30.21
2521.64	-30.94	2542.03	-30.74	2589.30	-31.39	2609.76	-31.64	2629.94	-31.85
2656.17	-32.05	2676.41	-32.38	2697.00	-32.63	2726.42	-32.56	2746.63	-33.07
2767.06	-33.68	2787.10	-34.18	2820.01	-33.90	2840.75	-34.48	2880.50	-34.58
2901.28	-35.24	2921.37	-35.46	2954.90	-35.50	2975.13	-35.78	3006.31	-35.89
3026.31	-36.43	3047.48	-36.42	3067.75	-36.73	3098.78	-37.02	3121.03	-36.89
3141.16	-37.24	3161.93	-37.63	3195.16	-37.68	3215.75	-37.92	3250.66	-38.09
3270.87	-38.70	3293.33	-38.25	3313.87	-38.38	3334.26	-39.00	3354.84	-39.18
3394.67	-39.16	3432.37	-39.29	3453.10	-39.70	3475.72	-39.71	3500.50	-39.80
3520.76	-40.02	3540.89	-40.03	3562.08	-39.98	3582.47	-40.15	3602.90	-40.66
3623.08	-41.33	3658.79	-40.78	3679.15	-41.35	3699.34	-40.85	3720.10	-40.70
3740.43	-41.80	3769.54	-41.43	3802.54	-41.64	3822.76	-41.80	3845.29	-41.41
R-178		1698224.93	696011.26	60.00	11.68				
	05SEP23	19OCT23	160 00	18 142					

000.99	11.41	002.60	4.65	023.68	3.67	044.67	2.83	065.40	2.04
085.99	1.42	107.50	0.76	129.13	0.25	149.68	-0.15	172.55	-0.54
196.11	-0.92	216.17	-1.08	235.98	-1.24	260.38	-1.44	291.96	-1.78
319.87	-2.12	346.14	-2.60	371.18	-3.19	391.74	-2.81	412.38	-3.39
442.68	-4.95	463.73	-5.78	484.36	-6.44	506.87	-6.99	526.91	-7.48
566.86	-8.44	599.00	-8.87	622.81	-9.28	643.51	-9.74	663.95	-9.38
685.44	-7.27	705.75	-5.80	738.74	-5.97	758.76	-6.40	792.28	-7.31
813.64	-7.88	833.78	-8.54	854.36	-8.96	874.87	-9.73	895.29	-10.23
915.55	-10.59	936.56	-10.94	957.46	-11.51	977.68	-12.24	997.90	-12.72
1018.44	-13.45	1044.40	-13.77	1065.36	-14.25	1085.62	-14.44	1106.19	-15.06
1137.67	-15.15	1162.78	-15.17	1182.84	-15.43	1205.21	-15.40	1225.23	-15.59
1263.90	-15.84	1284.95	-15.88	1307.18	-16.06	1342.48	-15.83	1368.76	-15.88
1390.96	-15.93	1411.31	-16.20	1431.76	-16.24	1452.15	-17.00	1478.76	-16.90
1501.14	-17.15	1522.04	-16.91	1546.68	-17.64	1577.52	-17.50	1616.88	-18.21
1650.06	-18.52	1670.94	-18.67	1696.96	-18.98	1730.06	-19.45	1758.02	-19.92
1778.64	-20.26	1798.90	-20.34	1826.90	-20.83	1847.24	-21.14	1868.87	-21.33
1889.16	-21.77	1909.33	-22.05	1948.90	-22.53	1969.25	-22.73	1989.50	-23.02
2010.12	-23.34	2030.25	-23.60	2063.18	-24.24	2083.22	-24.60	2103.48	-24.83
2123.55	-25.41	2143.92	-25.56	2171.94	-26.15	2191.94	-26.40	2211.96	-26.82
2232.16	-27.10	2252.70	-27.43	2279.09	-27.84	2299.27	-28.21	2320.78	-28.39
2341.11	-28.69	2361.43	-29.13	2405.60	-29.65	2425.75	-29.88	2446.67	-30.31
2469.86	-30.41	2490.00	-30.78	2526.75	-31.17	2547.03	-31.31	2567.07	-31.84
2603.04	-32.18	2623.25	-32.36	2643.30	-32.93	2674.46	-33.12	2694.80	-33.26
2715.04	-33.47	2747.98	-33.88	2768.56	-34.09	2792.78	-34.40	2813.72	-34.53
2834.51	-34.87	2862.17	-35.25	2889.37	-35.47	2909.42	-35.76	2930.52	-35.94
2951.27	-36.35	2978.46	-36.54	3005.08	-36.65	3025.68	-37.03	3046.99	-37.24
3078.31	-37.36	3098.52	-37.63	3129.80	-37.85	3149.94	-37.99	3170.59	-38.49
3190.62	-38.36	3211.02	-38.69	3238.68	-38.60	3258.74	-38.95	3292.68	-39.01
3313.43	-39.30	3333.80	-39.58	3353.92	-39.55	3376.93	-39.72	3397.30	-40.20
3423.85	-39.94	3443.90	-40.13	3469.17	-40.47	3504.92	-40.91	3539.12	-41.09
3577.88	-40.95	3598.56	-41.08	3619.61	-41.23	3645.97	-41.35	3666.30	-41.73
3693.12	-41.48	3713.58	-41.69	3733.72	-41.79	3754.64	-42.07	3781.86	-42.38

R-179 1987 1697544.57 696391.11 60.00 13.63
05SEP23 19OCT23 164 00 17 147

004.31	13.16	006.65	5.57	025.11	4.15	044.86	3.02	064.72	1.97
084.96	1.21	105.11	0.61	126.04	0.10	146.41	-0.33	167.89	-0.63
189.46	-0.81	210.97	-0.94	232.55	-0.96	250.40	-1.14	270.84	-1.43

300.64	-1.73	332.01	-2.25	364.20	-2.45	394.54	-2.46	414.64	-3.23
434.92	-4.08	471.76	-6.37	491.83	-7.34	513.28	-7.91	533.59	-8.63
554.86	-9.52	577.26	-9.65	601.60	-9.72	623.19	-9.56	644.34	-9.19
664.86	-8.04	685.38	-6.32	716.92	-5.32	749.19	-6.11	769.76	-6.75
794.55	-7.60	821.19	-8.30	841.93	-8.75	862.98	-9.51	885.80	-9.99
906.38	-10.82	931.18	-11.44	961.21	-12.19	986.77	-12.71	1007.31	-13.06
1029.06	-13.53	1051.54	-14.12	1076.49	-14.56	1099.83	-15.08	1120.43	-15.12
1140.68	-15.27	1169.82	-15.50	1196.10	-15.84	1226.08	-16.18	1252.69	-16.09
1275.70	-15.89	1295.88	-16.24	1318.26	-16.29	1345.10	-16.27	1378.99	-16.40
1403.62	-16.51	1425.25	-16.78	1452.65	-16.78	1481.52	-16.99	1514.84	-17.17
1543.21	-17.43	1565.97	-17.68	1594.91	-17.96	1615.12	-17.94	1635.45	-18.29
1657.50	-18.70	1688.12	-19.00	1708.98	-19.32	1740.02	-19.40	1760.24	-19.48
1780.43	-20.10	1800.48	-20.71	1833.79	-20.71	1854.07	-20.99	1889.46	-21.35
1909.60	-22.07	1934.40	-22.17	1973.49	-22.90	1993.89	-23.10	2014.13	-23.26
2037.68	-23.41	2057.93	-24.38	2078.26	-24.78	2106.96	-24.82	2127.41	-25.39
2147.60	-25.70	2167.95	-26.15	2201.74	-26.40	2222.66	-26.68	2242.98	-26.99
2263.64	-27.44	2284.10	-27.62	2307.67	-27.99	2327.70	-28.66	2351.79	-28.54
2372.02	-28.90	2392.10	-29.42	2412.44	-29.92	2433.53	-29.80	2454.60	-29.91
2475.00	-30.48	2496.29	-30.74	2526.64	-31.03	2550.36	-31.24	2570.60	-31.80
2593.22	-32.01	2629.10	-32.48	2649.44	-33.01	2679.53	-32.82	2699.96	-33.77
2720.00	-33.95	2758.92	-33.89	2779.05	-34.57	2804.70	-34.53	2824.87	-34.90
2845.22	-35.30	2881.92	-35.51	2902.27	-36.07	2923.78	-35.89	2955.29	-35.96
2975.67	-36.54	2995.85	-36.92	3018.60	-36.94	3054.90	-37.53	3088.72	-37.68
3108.76	-37.77	3144.54	-38.00	3173.74	-38.23	3193.90	-38.81	3235.25	-38.86
3255.78	-39.23	3286.13	-39.11	3307.00	-39.45	3327.20	-39.79	3347.34	-39.39
3382.42	-39.92	3402.52	-40.35	3423.04	-40.16	3456.13	-40.45	3476.14	-40.64
3502.24	-40.38	3522.28	-40.76	3542.64	-41.60	3574.13	-41.09	3594.62	-41.20
3614.85	-41.60	3635.00	-42.19	3667.26	-41.42	3687.81	-41.93	3707.90	-42.05
3742.98	-42.11	3763.32	-42.36	3790.98	-43.03	3811.36	-42.25	3836.60	-42.52
3856.84	-43.01	3877.60	-43.28	3898.48	-42.85	3936.57	-43.56		
R-180	1972	1696677.16	696783.56	60.00	14.33				
	05SEP23	19OCT23	159 00	26 133					
079.58	10.37	079.83	11.69	081.12	11.66	082.30	4.23	089.09	4.01
104.35	3.95	112.28	3.79	130.91	2.71	150.12	1.84	170.22	1.19
190.06	0.51	210.64	-0.04	230.22	-0.45	250.04	-0.82	272.10	-1.22
292.24	-1.59	321.04	-2.03	347.94	-2.36	382.99	-2.74	409.67	-3.07
435.42	-3.30	456.66	-3.27	479.78	-3.41	498.78	-3.76	519.72	-5.10

540.80	-5.82	560.91	-6.84	582.79	-7.77	602.95	-8.70	624.31	-10.02
644.54	-10.38	670.19	-10.54	690.28	-8.73	714.40	-4.63	751.35	-4.92
772.67	-5.84	799.60	-6.47	822.69	-6.88	847.01	-7.02	868.95	-7.97
896.68	-8.23	921.37	-8.80	957.94	-9.44	978.28	-10.17	1000.84	-10.86
1022.40	-11.71	1044.67	-12.44	1065.97	-12.74	1086.77	-13.30	1109.28	-13.55
1130.43	-14.34	1160.18	-14.54	1180.45	-14.75	1204.64	-15.25	1228.97	-15.62
1249.94	-15.63	1274.08	-15.71	1305.91	-15.81	1326.30	-16.30	1349.94	-15.92
1385.90	-16.40	1407.05	-16.39	1427.14	-16.22	1448.68	-16.61	1469.70	-16.37
1508.33	-16.91	1538.12	-16.67	1561.30	-17.07	1581.83	-16.86	1604.44	-17.31
1627.81	-17.55	1650.83	-17.60	1670.84	-17.82	1692.73	-18.14	1714.66	-18.17
1743.04	-18.72	1764.05	-18.86	1784.60	-19.16	1805.60	-19.34	1826.04	-19.65
1846.28	-19.90	1883.55	-20.36	1905.94	-20.70	1926.35	-20.91	1946.73	-21.33
1968.02	-21.58	1988.22	-22.04	2020.32	-22.23	2041.14	-22.59	2061.40	-23.01
2095.06	-23.39	2115.10	-23.79	2135.12	-24.17	2155.57	-24.51	2176.15	-24.74
2209.66	-25.26	2229.81	-25.86	2250.00	-26.07	2272.30	-26.42	2292.66	-26.72
2325.20	-27.23	2346.16	-27.53	2366.54	-27.87	2386.56	-28.15	2406.59	-28.49
2435.91	-28.95	2456.81	-29.23	2479.79	-29.76	2499.89	-29.88	2521.45	-30.35
2554.13	-30.85	2574.56	-31.02	2596.28	-31.28	2616.64	-31.62	2636.68	-31.72
2657.34	-32.27	2677.58	-32.60	2709.70	-32.77	2729.77	-33.14	2761.34	-33.47
2783.64	-33.59	2804.06	-34.22	2843.90	-34.44	2864.22	-34.93	2888.76	-34.84
2908.98	-35.54	2944.26	-35.69	2964.43	-35.96	2984.85	-36.26	3009.62	-36.58
3030.94	-36.66	3051.90	-36.91	3079.74	-37.20	3100.18	-37.31	3120.20	-37.94
3153.29	-38.01	3189.95	-38.26	3219.30	-38.17	3239.58	-38.77	3267.55	-38.88
3292.30	-38.89	3312.34	-39.25	3354.94	-39.50	3375.35	-39.61	3409.45	-39.88
3429.84	-40.12	3475.79	-40.34	3496.50	-40.85	3519.48	-40.59	3539.93	-40.91
3560.14	-41.17	3580.80	-41.57	3600.82	-41.21	3625.30	-41.38	3645.58	-41.44
3678.25	-41.57	3706.32	-41.87	3726.54	-42.14	3746.74	-42.07		
R-181	1978	1695900.28	697292.82	60.00	12.86				
	05SEP23	19OCT23	171 00 29 142						

-075.09	14.99	-071.05	14.28	-066.28	10.61	-058.45	6.11	-047.19	6.65
-041.44	6.09	-039.87	9.60	-032.01	9.19	-030.66	6.12	-027.78	5.90
-015.95	4.71	-000.16	4.19	015.14	3.92	023.70	4.51	062.56	2.11
082.14	1.28	101.30	0.58	122.05	0.08	142.29	-0.37	162.27	-0.78
184.79	-1.08	202.87	-1.38	220.90	-1.79	243.86	-2.06	272.81	-2.47
296.64	-2.82	319.06	-2.97	342.79	-3.31	370.05	-3.68	396.42	-2.78
433.53	-2.65	465.08	-4.09	485.45	-5.15	505.80	-6.00	526.20	-6.83
546.25	-7.45	566.77	-7.81	588.53	-8.15	609.39	-8.63	630.43	-8.75

652.22	-9.01	674.98	-9.37	703.08	-9.65	723.76	-9.04	743.88	-7.62
765.67	-6.46	812.54	-6.70	833.57	-7.26	853.89	-7.73	874.80	-8.43
895.12	-9.10	916.24	-9.54	936.26	-10.16	956.72	-11.00	980.06	-11.74
1001.09	-12.32	1026.39	-12.88	1058.54	-13.62	1079.23	-14.14	1102.04	-14.47
1122.83	-14.92	1142.96	-15.30	1179.87	-15.70	1202.38	-15.93	1236.64	-15.85
1261.30	-16.17	1284.29	-15.96	1321.73	-16.39	1344.24	-16.28	1365.18	-16.48
1389.59	-16.39	1411.00	-16.44	1437.29	-16.59	1460.51	-16.72	1480.52	-16.79
1502.85	-17.02	1529.20	-17.10	1549.64	-17.13	1572.16	-17.45	1604.44	-17.68
1625.31	-17.84	1647.50	-18.48	1670.84	-18.57	1691.35	-18.77	1723.25	-18.99
1743.28	-19.36	1763.94	-19.72	1784.34	-20.00	1813.26	-19.99	1835.03	-20.28
1871.12	-21.35	1895.16	-21.10	1915.50	-21.61	1935.62	-21.94	1964.18	-22.58
1984.85	-22.92	2021.67	-23.23	2041.84	-24.01	2062.66	-24.15	2084.40	-24.32
2104.84	-24.83	2124.92	-25.32	2145.12	-25.63	2165.27	-25.85	2187.15	-26.17
2213.46	-26.83	2234.06	-27.44	2255.16	-27.18	2279.01	-27.51	2299.06	-27.87
2319.54	-28.60	2345.34	-28.91	2374.20	-29.17	2409.10	-30.01	2437.22	-30.07
2461.96	-30.17	2482.08	-30.98	2503.00	-30.92	2528.60	-31.42	2549.14	-32.13
2586.78	-32.03	2607.13	-32.55	2628.43	-32.80	2666.26	-33.15	2686.34	-33.73
2706.36	-34.11	2731.68	-34.05	2752.03	-34.55	2784.38	-34.88	2804.74	-35.19
2825.39	-35.37	2859.15	-35.39	2886.38	-35.98	2912.50	-36.32	2932.87	-36.48
2956.45	-36.34	2976.52	-37.07	2996.83	-37.25	3020.24	-37.28	3040.38	-37.40
3060.80	-37.56	3082.58	-37.66	3102.66	-38.07	3122.72	-38.59	3155.90	-38.47
3175.93	-39.07	3196.60	-38.87	3230.76	-39.48	3263.59	-39.57	3283.75	-40.18
3304.10	-39.80	3337.64	-39.89	3358.19	-40.49	3383.77	-40.31	3405.12	-40.83
3425.36	-41.10	3445.76	-40.78	3471.00	-40.61	3491.60	-41.26	3511.74	-41.48
3548.40	-41.68	3569.20	-41.78	3589.30	-41.91	3614.64	-41.76	3641.00	-41.87
3661.07	-42.52	3683.98	-42.22	3706.95	-42.41	3740.08	-42.79	3772.97	-42.66
3798.79	-42.56								

R-182	1972	1694983.26	697720.85	60.00	15.93
	05SEP23	19OCT23	168 00 29 139		

027.50	15.17	033.72	12.90	038.94	11.60	042.95	9.44	042.99	6.61
052.38	5.45	062.35	5.44	064.08	8.61	071.30	8.08	072.46	4.92
078.71	4.55	092.34	4.10	107.51	3.79	128.53	2.73	149.27	1.90
170.57	1.12	192.08	0.57	213.82	-0.02	233.58	-0.44	253.23	-0.84
275.04	-1.30	299.82	-1.71	325.69	-2.08	345.55	-2.38	358.76	-2.54
380.88	-2.71	403.70	-2.97	425.53	-3.31	448.12	-3.64	462.10	-4.37
482.64	-3.77	517.39	-3.57	543.20	-4.84	563.37	-6.42	583.53	-6.99
605.06	-7.73	625.26	-8.32	655.86	-8.05	683.54	-8.08	703.96	-8.60

724.48	-8.58	745.53	-8.51	766.31	-8.09	787.82	-7.29	808.37	-6.45
828.84	-5.69	863.53	-6.24	885.33	-6.90	905.41	-7.62	925.58	-8.29
945.72	-8.72	966.42	-9.63	987.27	-10.12	1009.80	-11.06	1038.40	-11.16
1063.55	-12.03	1084.72	-12.48	1107.58	-13.29	1146.42	-14.00	1171.72	-14.36
1195.21	-14.77	1236.34	-15.07	1257.03	-15.40	1277.05	-15.86	1315.04	-16.05
1350.85	-16.03	1380.77	-16.25	1419.13	-16.39	1441.84	-16.50	1463.48	-16.49
1491.27	-16.61	1511.54	-16.81	1533.02	-16.95	1566.19	-17.51	1598.44	-17.50
1619.13	-17.47	1639.47	-17.65	1667.02	-17.91	1687.99	-18.03	1725.24	-18.49
1746.01	-18.81	1766.18	-18.98	1786.30	-19.36	1821.01	-19.80	1841.28	-19.96
1861.44	-20.23	1882.97	-20.53	1903.34	-20.84	1931.03	-21.17	1951.54	-21.51
1971.57	-21.81	1991.74	-22.05	2011.87	-22.41	2032.06	-22.81	2052.34	-23.08
2074.36	-23.36	2094.65	-23.75	2115.28	-24.25	2144.05	-24.59	2164.72	-24.93
2187.66	-25.26	2207.97	-25.74	2228.52	-26.11	2249.14	-26.27	2275.30	-26.80
2296.96	-27.20	2317.21	-27.37	2337.94	-27.90	2364.66	-28.06	2396.81	-28.60
2417.22	-29.00	2437.38	-29.39	2457.73	-29.77	2478.47	-29.94	2498.92	-30.55
2519.32	-30.89	2548.88	-31.12	2568.92	-31.37	2589.75	-31.86	2625.31	-32.13
2645.48	-32.36	2665.79	-32.65	2686.04	-32.88	2708.84	-33.23	2729.30	-33.40
2764.63	-33.91	2784.68	-34.37	2805.30	-34.42	2825.40	-34.73	2854.85	-35.11
2874.87	-35.24	2899.54	-35.63	2934.13	-35.92	2954.27	-36.11	2974.38	-36.64
3007.72	-36.77	3028.04	-36.99	3048.79	-37.30	3078.46	-37.30	3099.26	-37.77
3119.80	-38.02	3139.98	-38.37	3163.42	-38.46	3185.99	-38.77	3206.62	-38.84
3229.23	-38.89	3249.35	-39.29	3276.64	-39.62	3316.52	-39.93	3344.70	-39.94
3364.83	-40.23	3385.52	-40.27	3406.23	-40.63	3427.08	-40.63	3449.63	-40.60
3476.76	-40.80	3504.46	-41.11	3545.13	-41.27	3567.28	-41.34	3593.75	-41.82
3623.64	-41.92	3643.85	-42.39	3664.42	-42.26	3698.83	-42.22	3723.53	-42.37
3745.24	-42.46	3765.42	-42.70	3785.43	-42.87				
R-183	1987	1694162.33	698208.16	60.00	15.49				
	05SEP23	19OCT23	161 00 24 137						
016.34	14.48	017.06	14.78	018.27	14.73	018.80	6.45	028.78	5.48
042.49	5.34	061.99	4.50	082.51	3.47	102.58	2.57	118.31	2.03
135.22	1.51	156.06	0.93	176.50	0.39	198.68	-0.04	218.10	-0.47
238.08	-0.88	254.49	-1.15	279.11	-1.53	300.64	-1.77	325.58	-1.95
350.48	-2.03	371.04	-2.02	395.18	-2.49	415.09	-2.82	440.39	-3.36
463.06	-3.90	483.39	-4.89	504.02	-5.57	524.28	-6.17	560.32	-7.33
581.22	-8.20	604.87	-8.68	625.11	-9.01	645.25	-9.40	665.28	-9.16
685.84	-8.68	706.11	-7.82	726.20	-7.15	747.56	-6.58	776.78	-6.38
815.77	-6.92	835.86	-7.33	869.86	-8.12	890.18	-8.97	910.47	-9.28

931.46	-9.79	952.99	-10.54	973.70	-11.01	994.10	-11.61	1014.29	-12.13
1034.94	-12.74	1055.11	-13.58	1082.58	-13.75	1103.14	-14.07	1123.38	-14.54
1162.36	-15.02	1184.99	-15.57	1205.99	-15.91	1229.02	-15.94	1251.59	-16.47
1273.18	-16.07	1293.82	-16.26	1314.02	-16.51	1334.36	-16.33	1358.06	-16.58
1392.42	-16.54	1413.18	-16.68	1435.38	-16.67	1467.22	-17.04	1490.94	-16.94
1511.87	-17.04	1536.27	-17.30	1559.82	-17.35	1591.40	-17.75	1623.38	-18.00
1647.16	-18.21	1675.90	-18.46	1702.10	-18.71	1734.26	-18.92	1754.48	-19.67
1774.73	-19.72	1796.89	-19.97	1818.16	-20.39	1838.49	-20.57	1861.91	-20.34
1882.19	-20.87	1902.37	-21.06	1922.54	-21.23	1961.81	-22.00	1982.04	-22.80
2013.51	-22.67	2033.70	-23.19	2072.16	-23.81	2092.60	-24.37	2116.56	-24.41
2136.62	-25.36	2156.78	-25.60	2192.54	-25.74	2213.00	-26.38	2233.66	-27.26
2260.87	-27.04	2281.77	-27.34	2302.00	-27.66	2327.53	-28.08	2347.54	-28.66
2367.84	-28.98	2414.48	-29.87	2434.79	-30.01	2470.06	-30.08	2490.77	-31.24
2510.82	-31.59	2531.94	-31.35	2568.66	-31.86	2589.09	-32.06	2610.38	-32.12
2633.11	-32.65	2653.56	-33.07	2673.98	-33.38	2694.28	-33.65	2714.36	-33.92
2734.38	-34.08	2759.09	-34.23	2779.49	-34.34	2799.52	-34.72	2819.58	-35.09
2839.68	-35.78	2860.96	-35.93	2895.56	-35.97	2915.71	-36.16	2935.77	-36.49
2956.12	-36.75	2981.72	-37.00	3002.02	-37.40	3032.05	-37.46	3052.47	-37.71
3072.48	-37.80	3093.53	-38.32	3114.16	-38.70	3150.15	-39.19	3187.84	-38.76
3225.08	-39.58	3245.12	-39.85	3265.69	-39.97	3302.75	-40.06	3323.15	-40.29
3348.17	-40.21	3375.52	-40.37	3395.63	-41.00	3415.95	-41.30	3442.78	-41.11
3462.96	-41.49	3483.33	-41.55	3504.09	-41.69	3535.65	-41.86	3555.94	-42.40
3595.37	-42.54	3615.95	-42.37	3636.13	-42.99	3656.83	-42.49	3681.54	-42.81
3702.00	-42.61								
R-184	1987	1693228.68	698795.55	60.00	13.25				
	05SEP23	19OCT23	165 00	23 142					
-038.44	15.96	-027.01	15.40	-011.23	14.68	000.84	14.14	001.50	14.31
003.13	14.23	016.88	5.18	037.89	4.08	057.89	3.13	076.47	2.29
097.05	1.46	119.13	0.76	140.41	0.19	162.12	-0.33	182.67	-0.74
203.70	-1.22	227.47	-1.54	254.09	-2.12	277.20	-2.49	298.59	-2.79
321.90	-3.08	346.51	-3.23	365.93	-3.59	390.86	-1.54	411.26	-2.32
431.32	-3.16	470.28	-4.95	490.46	-5.93	511.06	-6.63	531.54	-7.23
552.43	-8.02	587.74	-8.91	608.14	-9.82	628.19	-10.25	666.24	-9.96
686.60	-9.74	706.61	-9.19	726.68	-6.97	747.54	-5.42	776.82	-5.70
806.24	-6.51	827.18	-7.44	847.30	-7.89	867.33	-8.63	889.10	-9.36
915.85	-9.91	936.43	-10.38	957.24	-11.28	977.26	-12.03	1004.82	-12.55
1041.69	-13.52	1062.73	-14.14	1083.66	-14.50	1109.34	-14.98	1131.27	-15.21

1159.55	-15.34	1180.45	-15.82	1215.34	-15.88	1236.20	-16.20	1258.91	-16.53
1286.28	-16.57	1313.80	-16.33	1336.20	-16.43	1377.57	-16.37	1406.89	-16.62
1436.94	-17.00	1457.31	-17.02	1479.39	-17.32	1513.03	-17.22	1534.26	-17.56
1555.16	-17.36	1581.78	-17.43	1602.86	-18.02	1635.36	-18.57	1656.20	-18.68
1676.27	-19.10	1696.42	-19.33	1733.93	-19.74	1754.30	-20.06	1775.96	-20.28
1797.73	-20.49	1818.06	-21.03	1839.25	-20.95	1859.36	-21.53	1879.98	-21.68
1900.59	-22.25	1927.31	-22.49	1947.46	-22.78	1986.03	-23.45	2006.36	-23.91
2026.56	-24.09	2046.65	-24.67	2070.20	-24.93	2090.52	-25.31	2116.66	-25.68
2136.75	-26.05	2157.06	-26.48	2177.24	-26.73	2208.57	-27.15	2229.56	-27.71
2249.91	-28.03	2270.24	-28.34	2291.62	-28.58	2328.36	-29.40	2353.65	-29.68
2373.81	-30.12	2393.95	-30.44	2416.27	-30.74	2436.39	-30.97	2457.08	-31.42
2477.34	-31.51	2498.14	-31.81	2518.31	-32.19	2538.64	-32.75	2564.84	-32.90
2585.00	-33.26	2605.16	-33.64	2630.49	-33.75	2650.76	-34.28	2677.29	-34.40
2697.40	-34.59	2718.90	-34.87	2740.61	-35.21	2770.26	-35.60	2790.32	-36.08
2819.95	-36.27	2840.58	-36.61	2860.83	-36.80	2897.17	-37.18	2924.95	-37.43
2951.76	-37.58	2972.13	-38.07	3001.47	-38.26	3030.29	-38.56	3050.43	-38.99
3084.24	-38.91	3104.39	-39.31	3129.92	-39.47	3152.34	-39.71	3172.62	-40.03
3202.42	-40.30	3223.72	-40.16	3243.84	-40.66	3264.24	-40.61	3294.70	-40.88
3314.82	-41.02	3334.95	-41.33	3357.46	-41.16	3377.62	-41.82	3402.18	-41.75
3422.31	-42.12	3445.76	-42.24	3466.52	-42.41	3492.77	-42.50	3512.82	-42.72
3548.00	-43.08	3568.10	-43.42	3603.67	-43.23	3624.60	-43.38	3644.74	-43.61
3676.94	-43.77	3712.75	-43.86	3732.84	-44.00	3755.58	-44.48	3789.94	-44.18
R-185	1972	1692538.91	698999.92	60.00	14.87				
	05SEP23	19OCT23	162 00 19 143						

165.59	12.18	167.02	4.10	174.39	5.27	195.10	4.20	214.65	3.25
234.45	2.25	255.95	1.48	277.53	0.83	299.98	0.17	319.75	-0.19
341.32	-0.56	367.54	-1.12	394.38	-1.57	418.01	-1.93	444.12	-2.37
473.92	-2.91	500.01	-3.19	520.75	-3.52	547.44	-3.70	574.67	-2.57
595.30	-3.02	615.48	-3.90	635.87	-5.09	656.38	-6.30	684.83	-8.14
705.40	-8.97	725.46	-9.37	746.08	-9.92	776.52	-10.08	803.32	-10.43
825.66	-10.41	846.05	-9.02	866.19	-6.92	886.29	-5.55	918.22	-5.72
939.51	-6.10	959.90	-6.77	980.54	-7.65	1000.60	-8.19	1020.92	-8.69
1049.51	-9.39	1069.90	-10.07	1090.14	-11.04	1117.75	-11.51	1151.58	-12.45
1175.82	-12.95	1198.57	-13.54	1220.64	-14.04	1240.80	-14.58	1266.04	-15.03
1286.92	-15.30	1307.10	-15.35	1331.29	-15.58	1351.59	-15.92	1375.96	-16.19
1398.14	-16.12	1418.46	-16.23	1439.72	-16.27	1462.74	-16.44	1483.80	-16.26
1504.22	-16.47	1526.06	-16.67	1548.51	-16.91	1579.64	-17.06	1599.77	-16.89

1630.20	-16.92	1650.34	-17.45	1671.02	-17.97	1692.93	-17.60	1713.66	-17.68
1753.50	-18.72	1776.41	-18.27	1805.85	-18.38	1826.15	-18.88	1855.05	-19.20
1875.43	-19.91	1903.90	-19.96	1924.30	-20.36	1949.42	-20.32	1973.37	-20.49
1993.46	-21.04	2013.84	-21.40	2034.46	-21.76	2054.81	-22.03	2092.46	-22.61
2113.90	-22.83	2137.33	-23.36	2157.74	-24.12	2197.90	-24.18	2218.05	-24.77
2238.27	-24.72	2258.60	-25.27	2278.92	-25.82	2301.95	-26.40	2325.60	-26.45
2347.77	-26.71	2368.17	-26.89	2388.29	-27.58	2413.36	-28.27	2433.38	-28.57
2453.45	-28.70	2473.70	-28.97	2493.71	-29.35	2513.80	-29.77	2542.50	-30.10
2563.18	-30.70	2583.34	-31.13	2603.38	-30.79	2627.82	-31.17	2664.46	-32.35
2684.82	-32.69	2705.18	-32.75	2726.19	-32.99	2746.36	-33.23	2785.84	-33.85
2806.41	-34.59	2833.01	-34.35	2853.33	-34.43	2873.78	-35.41	2904.02	-35.16
2924.29	-35.43	2945.02	-35.95	2965.49	-36.16	2985.90	-36.64	3005.98	-36.35
3028.73	-36.62	3048.95	-37.29	3069.16	-37.38	3090.24	-37.43	3110.39	-37.94
3141.71	-37.75	3161.85	-38.85	3181.95	-38.88	3226.54	-38.80	3246.74	-39.21
3270.14	-39.19	3290.17	-39.63	3310.34	-39.96	3340.92	-39.77	3362.09	-40.33
3391.00	-40.37	3411.03	-41.16	3445.20	-40.87	3470.74	-40.85	3490.81	-41.52
3514.98	-41.45	3535.74	-41.59	3556.35	-42.03	3595.04	-42.01	3615.56	-42.43
3647.99	-42.35	3668.68	-42.90	3702.80	-42.46	3724.61	-42.68	3744.70	-42.98
3764.82	-43.00	3785.66	-43.20	3824.64	-43.35	3844.92	-43.56	3865.58	-43.69
3889.06	-43.51	3925.32	-44.10						
R-186	1972	1691750.01	699433.78	60.00	14.24				
	05SEP23	19OCT23	158 00 21 137						

197.15	15.27	198.83	4.27	205.49	4.83	225.33	3.64	246.83	2.46
268.20	1.50	288.26	0.84	308.06	0.28	328.88	-0.21	350.52	-0.57
372.68	-0.97	398.49	-1.51	418.86	-1.76	443.21	-2.05	462.86	-2.18
483.38	-2.50	503.62	-2.81	534.70	-1.96	559.50	-2.58	578.82	-3.21
598.01	-3.79	618.36	-3.76	644.97	-4.51	665.24	-5.44	686.31	-6.03
706.80	-6.86	729.76	-7.61	749.93	-8.33	781.85	-9.29	802.01	-9.55
822.48	-10.46	842.88	-9.92	863.37	-9.22	883.70	-8.03	904.00	-6.56
931.59	-5.73	964.48	-6.24	993.85	-7.16	1014.22	-7.85	1034.91	-8.45
1055.94	-8.81	1076.58	-9.63	1098.73	-10.28	1123.57	-10.87	1146.64	-11.70
1168.79	-12.12	1190.76	-12.76	1212.91	-13.37	1239.64	-13.75	1259.82	-14.61
1282.52	-14.82	1302.56	-15.03	1322.88	-15.72	1345.36	-15.73	1371.11	-15.75
1397.24	-15.54	1418.90	-15.69	1439.37	-16.12	1466.56	-16.05	1489.42	-16.35
1509.85	-16.42	1539.46	-16.80	1572.16	-16.83	1592.36	-16.97	1612.58	-17.24
1634.68	-17.19	1663.26	-17.24	1683.52	-17.68	1706.08	-17.64	1726.16	-17.68
1746.25	-18.05	1766.29	-18.34	1786.58	-18.46	1810.13	-18.80	1830.35	-19.20

1858.68	-19.27	1878.96	-19.58	1899.34	-20.05	1919.58	-20.23	1941.52	-20.38
1961.57	-20.72	1982.15	-20.90	2002.47	-21.23	2035.57	-21.59	2056.28	-21.86
2077.35	-22.30	2098.01	-22.66	2118.60	-23.06	2153.82	-23.63	2174.52	-23.96
2194.62	-24.21	2214.66	-24.66	2234.83	-25.00	2260.06	-25.39	2280.46	-25.91
2300.81	-26.33	2328.02	-26.54	2348.26	-27.01	2381.62	-27.50	2402.41	-27.86
2422.45	-28.11	2442.78	-28.64	2465.92	-28.91	2489.93	-29.47	2514.62	-29.93
2536.24	-30.15	2556.38	-30.52	2576.61	-30.76	2596.67	-31.32	2631.33	-31.91
2654.64	-32.08	2675.51	-32.32	2696.70	-32.64	2724.71	-32.87	2744.85	-33.31
2766.13	-33.48	2791.36	-33.95	2811.62	-34.14	2840.82	-34.66	2860.86	-35.07
2887.16	-35.24	2907.38	-35.51	2927.59	-35.64	2960.88	-36.05	2980.92	-36.40
3002.26	-36.37	3022.96	-36.85	3043.11	-37.11	3063.14	-37.21	3083.25	-37.53
3103.66	-37.74	3124.02	-38.26	3144.08	-38.52	3182.91	-38.97	3213.84	-38.87
3233.90	-39.22	3258.20	-39.37	3286.36	-39.50	3306.64	-39.94	3335.93	-40.16
3356.12	-40.51	3376.36	-40.44	3398.62	-40.74	3430.81	-40.95	3463.93	-41.03
3484.54	-41.22	3505.20	-41.54	3526.78	-41.67	3547.80	-41.86	3572.53	-42.00
3592.86	-42.24	3628.82	-42.50	3649.06	-42.76	3669.27	-43.00	3706.68	-43.07
3727.22	-43.39	3747.49	-43.65	3772.70	-43.53				

R-187	1972	1690899.63	699920.93	60.00	13.12
	05SEP23	19OCT23	165 00	25 140	

137.03	16.22	149.87	16.15	161.38	16.09	173.91	9.59	178.05	9.61
179.42	6.93	183.76	6.60	197.51	5.57	203.69	5.69	223.60	4.53
243.72	3.36	263.71	2.47	283.81	1.78	304.54	1.02	325.13	0.44
343.54	0.03	364.98	-0.36	391.70	-0.76	421.42	-1.25	446.82	-1.53
452.21	-1.75	473.82	-2.16	493.49	-2.29	512.19	-2.67	533.12	-2.84
560.46	-3.41	580.77	-4.43	603.87	-4.19	624.43	-3.56	655.44	-4.29
675.49	-6.02	695.51	-7.19	715.74	-7.86	740.60	-8.06	760.88	-8.31
785.52	-8.63	813.10	-8.88	851.24	-9.09	871.28	-8.98	892.69	-8.63
913.23	-7.66	934.51	-6.47	971.16	-6.35	995.70	-6.92	1031.06	-7.82
1051.41	-8.41	1072.31	-9.27	1093.33	-9.92	1125.02	-10.76	1145.26	-11.48
1166.28	-12.07	1186.52	-12.60	1207.80	-12.97	1228.80	-13.74	1252.08	-14.35
1272.80	-14.63	1293.01	-14.93	1313.69	-15.09	1334.10	-15.40	1357.30	-15.62
1380.13	-15.93	1403.88	-16.05	1429.34	-16.03	1465.89	-16.24	1489.32	-16.27
1510.49	-16.54	1535.53	-16.51	1558.88	-16.56	1582.50	-16.73	1602.98	-16.63
1623.52	-16.98	1652.60	-17.30	1674.84	-17.28	1708.81	-17.44	1729.96	-18.03
1750.71	-18.23	1787.26	-18.28	1810.06	-18.55	1830.14	-18.71	1857.35	-19.02
1877.53	-19.69	1897.55	-19.95	1929.09	-20.11	1950.04	-20.41	1970.04	-20.78
1990.40	-21.21	2019.05	-21.12	2047.91	-21.76	2067.95	-22.35	2089.70	-22.45

2109.95	-22.69	2130.18	-23.13	2161.47	-23.69	2181.72	-24.32	2201.92	-24.56
2222.24	-24.91	2247.94	-24.94	2268.19	-25.08	2288.43	-25.97	2308.66	-26.39
2329.17	-26.86	2349.27	-26.96	2391.72	-27.84	2411.74	-28.27	2431.89	-28.50
2460.48	-28.76	2480.60	-29.14	2504.75	-29.61	2525.47	-29.98	2545.55	-30.23
2566.30	-30.85	2586.33	-30.89	2606.53	-31.43	2627.46	-31.69	2649.84	-31.80
2670.16	-32.41	2690.26	-32.51	2711.09	-32.75	2740.34	-33.08	2761.36	-33.65
2781.79	-33.91	2802.19	-34.29	2822.61	-34.59	2846.14	-35.09	2872.25	-35.32
2895.24	-35.35	2915.58	-36.14	2941.72	-35.87	2975.70	-36.48	2996.20	-36.74
3016.28	-37.22	3036.61	-37.77	3076.39	-37.36	3096.46	-37.86	3116.79	-38.22
3152.80	-38.61	3172.83	-39.03	3195.89	-39.07	3226.40	-39.13	3246.42	-39.57
3268.42	-39.64	3288.74	-39.84	3310.43	-40.26	3334.45	-40.36	3354.68	-40.61
3387.34	-40.57	3407.73	-41.46	3428.20	-41.25	3465.89	-41.14	3486.09	-41.64
3512.82	-41.81	3550.40	-42.17	3574.65	-42.19	3604.78	-42.63	3625.23	-42.66
3645.56	-42.87	3666.10	-42.90	3696.48	-43.13	3728.90	-43.32	3749.31	-43.83
3775.46	-43.62	3795.52	-43.85	3815.68	-43.93	3846.78	-43.79	3866.96	-44.27
R-188	1978	1690070.07	700406.66	60.00	12.62				
	05SEP23	19OCT23	175 00	25 150					

160.80	14.94	170.59	14.90	173.84	12.05	178.48	11.75	184.95	10.89
187.92	6.93	198.31	5.95	204.93	5.95	217.87	5.20	238.75	3.99
257.56	3.02	277.51	2.16	297.48	1.44	314.94	0.79	332.55	0.40
354.55	-0.01	378.20	-0.37	401.76	-0.73	422.18	-0.89	445.21	-1.15
470.64	-1.43	498.90	-2.20	526.31	-2.07	556.41	-3.03	574.18	-3.72
608.27	-3.89	628.68	-5.13	649.21	-6.24	683.08	-8.05	703.12	-8.78
728.84	-9.15	749.28	-8.83	769.91	-7.55	790.14	-6.11	819.96	-5.34
840.72	-4.54	867.41	-5.11	909.14	-6.24	929.69	-7.23	949.76	-7.72
969.92	-8.52	990.16	-9.08	1012.35	-9.70	1039.67	-10.25	1062.35	-10.74
1083.04	-11.54	1105.73	-11.94	1127.26	-12.47	1159.39	-13.20	1180.06	-13.67
1200.31	-13.91	1220.77	-14.37	1241.32	-14.59	1269.11	-14.91	1290.92	-15.46
1311.10	-15.77	1333.94	-15.81	1360.56	-15.92	1380.82	-16.20	1411.80	-16.25
1431.88	-15.98	1461.23	-16.22	1481.31	-16.52	1515.57	-16.48	1538.46	-16.63
1560.32	-16.83	1581.22	-16.91	1601.66	-17.24	1638.46	-17.17	1661.21	-17.69
1687.69	-17.66	1707.72	-17.94	1728.32	-18.01	1748.58	-18.39	1780.43	-18.73
1819.89	-19.19	1857.48	-19.44	1877.54	-19.48	1897.69	-19.88	1919.03	-20.09
1951.84	-20.64	1971.98	-20.83	1992.36	-21.32	2012.36	-21.42	2034.88	-21.62
2066.24	-22.33	2086.48	-22.58	2106.84	-22.84	2127.14	-23.45	2149.86	-23.59
2179.21	-24.33	2199.42	-24.62	2219.77	-25.03	2241.22	-25.31	2261.51	-25.80
2300.23	-26.53	2320.72	-26.70	2340.83	-27.11	2360.91	-27.51	2381.30	-27.76

2413.17	-28.32	2435.08	-28.90	2455.26	-29.17	2475.71	-29.29	2496.18	-29.75
2531.34	-30.36	2551.53	-30.66	2571.88	-30.96	2592.00	-31.40	2612.72	-31.64
2647.29	-32.24	2667.50	-32.59	2687.58	-32.82	2707.72	-33.07	2727.93	-33.47
2753.92	-33.83	2779.08	-34.18	2799.36	-34.49	2819.48	-34.85	2839.98	-35.08
2860.12	-35.38	2889.84	-35.83	2909.94	-36.03	2930.05	-36.34	2958.01	-36.47
2980.51	-36.90	3001.11	-37.07	3021.40	-37.24	3041.71	-37.67	3062.76	-37.79
3083.00	-38.24	3112.04	-38.43	3132.27	-38.95	3166.90	-39.57	3189.78	-39.27
3210.56	-39.63	3230.80	-39.72	3251.16	-39.86	3271.40	-40.08	3292.33	-40.20
3315.19	-40.58	3339.58	-40.64	3359.78	-40.78	3380.41	-40.92	3400.60	-41.16
3421.25	-41.35	3442.10	-41.48	3462.67	-41.86	3486.88	-41.99	3506.94	-42.03
3529.64	-42.48	3551.03	-42.29	3576.29	-42.63	3596.39	-42.74	3616.62	-42.89
3644.79	-43.10	3665.63	-43.40	3691.61	-43.47	3712.33	-43.63	3732.84	-43.83
3752.88	-43.93	3773.06	-43.84	3798.56	-44.03	3818.80	-44.18	3853.85	-44.18
3879.57	-44.26	3900.13	-44.48	3928.66	-44.78	3951.68	-44.77	3972.10	-44.88
3997.68	-44.81	4019.50	-45.12	4042.56	-45.35	4063.42	-45.20	4096.02	-45.21
R-189	1983	1689403.71	701034.03	60.00	13.28				
	05SEP23	19OCT23	167 00 22 145						

-010.29	13.87	-000.80	13.54	013.99	13.16	014.39	13.20	016.12	13.22
016.91	4.74	024.09	4.54	035.47	4.53	048.23	3.57	071.94	2.23
091.75	1.33	097.49	1.19	119.43	0.46	140.62	0.11	160.92	-0.29
181.58	-0.70	197.77	-0.88	221.47	-1.16	240.75	-1.39	261.89	-1.78
282.84	-1.83	301.95	-2.16	326.17	-2.14	346.40	-2.68	366.80	-3.59
386.82	-4.75	417.23	-6.35	438.60	-7.43	460.59	-8.14	482.69	-8.51
503.23	-9.03	526.50	-9.30	547.55	-9.37	567.94	-8.84	588.09	-8.25
609.06	-7.32	633.29	-6.40	672.44	-6.32	708.57	-6.58	733.03	-7.04
757.97	-7.58	778.21	-8.33	803.84	-8.74	823.94	-9.37	845.34	-10.05
865.85	-10.75	886.42	-11.14	908.22	-11.73	930.92	-12.53	962.13	-13.20
987.56	-13.81	1008.22	-14.21	1031.66	-15.03	1061.40	-15.00	1081.84	-15.31
1104.14	-15.51	1131.57	-15.81	1155.08	-16.01	1177.32	-16.05	1199.46	-16.16
1221.57	-16.24	1243.48	-16.17	1264.00	-16.40	1284.02	-16.57	1319.84	-16.67
1342.44	-16.74	1365.04	-17.03	1387.68	-16.89	1411.97	-17.08	1440.58	-17.29
1461.47	-17.40	1484.18	-17.77	1517.74	-17.84	1553.53	-18.22	1582.78	-18.69
1604.93	-18.72	1625.56	-18.96	1645.94	-19.37	1669.52	-19.54	1703.82	-19.74
1726.04	-20.31	1751.83	-20.58	1772.52	-20.94	1811.91	-21.49	1832.29	-21.69
1853.16	-22.13	1873.17	-22.88	1893.35	-23.07	1931.79	-23.49	1951.93	-23.90
1972.98	-24.48	1993.60	-24.77	2013.61	-25.11	2033.92	-25.51	2054.35	-25.43
2077.57	-26.11	2097.60	-26.88	2118.42	-26.89	2154.34	-27.37	2175.21	-27.78

2195.47	-28.16	2215.56	-28.61	2235.90	-29.04	2268.51	-29.19	2288.60	-30.08
2308.93	-30.37	2329.06	-30.42	2349.90	-30.84	2371.82	-31.42	2392.48	-31.84
2428.26	-32.10	2448.43	-32.28	2468.81	-32.87	2489.20	-33.35	2511.76	-33.32
2531.88	-33.76	2551.97	-34.39	2574.90	-34.36	2595.22	-34.57	2617.08	-35.28
2639.77	-35.28	2659.86	-35.45	2680.21	-35.96	2700.40	-36.41	2729.42	-36.23
2750.96	-36.63	2771.07	-37.47	2806.18	-37.76	2841.82	-37.95	2862.19	-38.45
2887.48	-38.29	2915.16	-38.63	2935.22	-39.30	2955.77	-39.17	2981.84	-39.34
3002.21	-39.78	3022.27	-39.65	3042.95	-40.11	3069.94	-40.44	3090.22	-40.88
3125.68	-40.74	3145.96	-41.19	3166.00	-41.48	3195.26	-41.78	3227.84	-41.56
3247.85	-42.03	3268.14	-42.28	3306.84	-42.79	3329.17	-42.64	3359.03	-43.26
3388.24	-42.83	3408.30	-43.32	3432.64	-43.13	3453.06	-43.84	3473.37	-43.98
3504.03	-43.90	3534.43	-44.14	3555.07	-44.45	3576.97	-44.40	3602.70	-44.49
3622.78	-45.54	3658.52	-44.84	3680.53	-45.12	3707.30	-45.02	3727.47	-45.09
3747.93	-45.34	3767.97	-45.37						
R-190		1688381.96	701246.04	60.00	6.39				
	31AUG23	19OCT23	164 00 30 134						

282.01	12.97	297.89	12.73	312.23	12.89	327.08	12.76	337.55	12.85
337.59	13.01	339.34	5.30	347.56	4.81	360.24	4.45	370.28	3.88
390.22	2.87	412.06	1.92	431.83	1.20	452.61	0.67	473.20	0.15
494.49	-0.49	515.91	-0.87	537.43	-1.30	557.43	-1.63	577.54	-1.86
597.53	-2.07	617.79	-2.16	637.25	-2.41	658.82	-2.82	679.08	-3.15
695.80	-3.57	712.04	-4.14	727.22	-4.55	744.70	-5.10	759.42	-5.84
787.01	-4.97	808.32	-6.97	834.85	-8.25	857.90	-9.30	893.47	-9.87
920.84	-9.84	942.06	-9.38	962.24	-6.27	985.03	-4.95	1008.85	-5.50
1028.91	-6.16	1056.06	-6.77	1077.58	-7.51	1114.39	-8.31	1137.36	-8.58
1157.60	-9.23	1177.97	-10.09	1210.43	-10.45	1230.96	-11.19	1251.29	-11.79
1271.56	-12.31	1292.39	-12.93	1315.46	-13.41	1336.36	-13.93	1356.42	-14.49
1376.51	-14.80	1400.24	-15.13	1422.70	-15.54	1443.22	-15.78	1478.26	-15.83
1500.30	-16.00	1520.75	-15.97	1542.17	-15.68	1570.58	-15.89	1591.38	-16.33
1612.58	-16.42	1637.25	-16.73	1672.06	-16.54	1695.50	-16.88	1728.64	-16.74
1749.96	-17.13	1771.10	-17.07	1798.23	-17.26	1818.36	-17.55	1841.96	-17.99
1873.84	-18.16	1905.40	-18.49	1925.94	-18.75	1948.74	-18.97	1969.14	-19.34
1989.43	-19.42	2025.91	-19.89	2046.18	-20.27	2084.60	-20.63	2105.23	-20.94
2139.02	-21.56	2159.38	-21.75	2179.68	-22.12	2199.80	-22.54	2220.70	-22.75
2254.92	-23.53	2275.13	-23.87	2295.22	-24.08	2315.45	-24.52	2335.73	-25.11
2369.92	-25.49	2391.00	-25.73	2411.23	-26.26	2431.72	-26.59	2451.76	-26.98
2485.29	-27.64	2505.86	-28.16	2526.34	-28.48	2546.73	-28.92	2567.29	-29.15

2601.45	-29.82	2621.84	-30.22	2642.21	-30.54	2662.62	-30.80	2682.67	-31.19
2716.53	-31.77	2736.60	-32.06	2756.77	-32.49	2776.95	-32.78	2797.61	-33.19
2830.58	-33.60	2850.74	-34.03	2871.80	-34.21	2892.20	-34.65	2912.62	-34.80
2943.46	-35.24	2963.50	-35.61	2983.55	-35.88	3003.70	-36.20	3028.63	-36.46
3050.16	-36.76	3071.66	-36.91	3091.95	-37.29	3122.22	-37.65	3142.30	-38.01
3170.23	-38.45	3198.22	-38.63	3218.30	-38.83	3239.04	-38.92	3259.21	-39.27
3289.11	-39.63	3312.41	-39.92	3336.30	-40.05	3356.49	-40.31	3379.29	-40.45
3399.46	-40.76	3422.05	-40.80	3442.51	-41.45	3462.75	-41.56	3489.06	-41.53
3509.19	-41.83	3529.54	-42.10	3556.11	-41.98	3576.57	-42.57	3596.70	-42.74
3617.42	-42.55	3637.58	-42.71	3664.38	-42.75	3684.45	-43.04	3723.47	-43.08
3746.80	-43.01	3766.88	-43.62	3806.04	-43.73	3826.14	-44.05	3861.02	-44.11
3881.12	-44.12	3902.82	-44.27	3926.30	-44.16	3946.36	-44.04		
R-191	1987	1688062.61	701752.75	60.00	15.89				
	31AUG23	19OCT23	167 00 30 137						

-009.64	16.15	000.72	16.19	020.13	15.27	039.26	14.58	051.91	12.01
052.80	11.78	056.00	11.40	058.66	7.03	070.19	5.58	087.51	4.72
104.52	3.72	125.46	2.67	147.00	1.51	168.21	0.76	187.17	0.27
207.08	-0.18	228.46	-0.67	249.95	-1.06	271.02	-1.44	292.10	-1.81
303.91	-2.02	315.44	-1.84	335.93	-1.84	358.38	-2.24	379.37	-2.73
395.91	-3.25	416.45	-3.92	433.18	-4.97	440.13	-6.38	449.25	-7.43
480.06	-3.91	505.85	-5.35	528.80	-6.29	549.95	-7.05	570.85	-7.69
591.04	-8.11	613.28	-8.43	652.75	-9.44	678.54	-9.65	698.98	-9.56
722.73	-9.43	747.61	-9.02	768.88	-8.31	788.94	-7.65	809.44	-7.37
840.92	-7.74	861.22	-8.08	881.65	-8.65	902.91	-9.31	929.84	-9.92
953.86	-10.72	989.68	-11.60	1010.32	-12.18	1032.27	-12.70	1053.38	-13.38
1073.68	-14.00	1095.36	-14.19	1115.67	-14.74	1136.22	-15.26	1157.90	-15.53
1178.74	-15.77	1212.41	-15.84	1236.06	-16.11	1262.93	-16.36	1295.33	-16.44
1315.58	-16.38	1342.38	-16.65	1369.46	-16.72	1402.16	-16.62	1425.32	-16.83
1454.22	-17.04	1476.64	-17.27	1497.91	-17.41	1521.40	-17.54	1541.92	-17.91
1572.12	-17.70	1592.78	-17.92	1612.94	-18.34	1634.30	-18.53	1664.18	-18.94
1689.78	-19.18	1709.93	-19.38	1730.20	-19.78	1750.63	-19.89	1780.96	-20.54
1801.28	-20.76	1821.53	-20.94	1841.56	-21.29	1866.42	-21.60	1897.51	-22.22
1917.86	-22.59	1937.99	-23.11	1958.28	-23.28	1980.80	-23.65	2000.82	-24.15
2036.30	-24.47	2056.37	-25.04	2076.88	-25.33	2097.24	-25.53	2131.75	-26.44
2151.94	-26.57	2172.45	-27.01	2192.81	-27.54	2213.22	-27.95	2238.48	-28.40
2258.72	-28.84	2279.03	-29.34	2307.86	-29.30	2327.89	-29.98	2358.86	-30.65
2379.08	-31.04	2416.58	-31.22	2436.74	-31.97	2456.82	-32.63	2477.49	-32.85

2515.60	-32.79	2536.17	-33.27	2556.55	-33.74	2576.63	-34.10	2615.94	-34.45
2636.09	-35.13	2656.27	-35.67	2700.84	-35.61	2721.35	-35.84	2741.73	-36.34
2762.18	-36.55	2782.52	-36.83	2802.86	-37.18	2836.89	-37.51	2857.27	-38.23
2885.60	-38.27	2905.74	-38.05	2926.30	-38.47	2946.59	-39.10	2970.96	-39.31
3000.73	-39.17	3024.08	-39.79	3056.24	-39.95	3076.35	-40.21	3096.91	-40.39
3116.93	-40.72	3161.37	-40.84	3181.50	-41.35	3202.27	-41.29	3222.68	-41.41
3246.70	-41.77	3273.22	-41.93	3293.91	-41.68	3314.40	-41.92	3334.50	-42.50
3357.64	-42.70	3379.43	-42.72	3399.78	-43.12	3435.18	-43.24	3456.64	-42.87
3477.66	-43.28	3498.01	-43.78	3538.06	-44.31	3576.77	-43.93	3597.02	-44.18
3617.09	-44.51	3637.74	-44.70	3658.10	-44.82	3690.64	-44.48	3710.69	-45.06
3730.92	-44.59	3769.26	-45.25						
R-192	1987	1686995.18	702448.83	60.00	10.96				
	31AUG23	19OCT23	162 00 24 138						

000.56	11.05	002.39	9.76	014.47	7.62	035.43	5.44	050.62	4.22
066.43	3.10	087.39	1.86	107.81	0.95	127.80	0.41	149.15	-0.12
169.99	-0.59	190.91	-1.05	211.86	-1.43	232.60	-1.74	254.35	-2.04
277.30	-2.30	299.69	-2.57	320.65	-2.85	341.10	-3.32	358.10	-3.70
374.54	-4.22	388.85	-5.03	405.61	-6.20	421.76	-7.26	436.22	-5.73
457.02	-7.44	477.31	-8.31	497.36	-9.46	519.24	-9.77	539.65	-7.69
573.28	-5.29	602.10	-5.68	631.16	-6.00	665.76	-6.13	690.11	-6.19
714.28	-6.51	749.61	-7.24	770.29	-8.02	791.34	-8.82	811.48	-9.56
831.54	-10.28	869.57	-11.45	890.03	-12.43	910.22	-12.99	945.70	-13.12
970.42	-13.71	990.60	-13.93	1016.72	-14.17	1036.75	-14.75	1058.09	-15.07
1080.02	-15.13	1112.80	-15.67	1152.42	-15.60	1176.16	-15.72	1213.00	-16.14
1233.42	-16.27	1268.09	-15.98	1294.33	-16.45	1314.36	-16.58	1336.24	-16.46
1356.34	-16.26	1381.51	-16.50	1402.45	-16.97	1423.27	-16.78	1443.44	-17.82
1482.25	-18.46	1504.34	-18.27	1526.50	-18.10	1565.39	-18.49	1586.72	-19.04
1618.42	-19.28	1640.16	-19.38	1672.95	-20.03	1694.27	-20.38	1714.86	-20.48
1735.02	-20.90	1755.22	-21.17	1789.82	-21.72	1809.94	-22.09	1830.20	-22.45
1850.29	-22.78	1870.42	-23.14	1904.20	-23.74	1925.04	-24.06	1945.46	-24.45
1965.62	-24.86	1986.14	-25.32	2015.47	-25.69	2035.56	-26.27	2055.98	-26.47
2078.52	-26.86	2098.67	-27.50	2137.22	-28.21	2157.68	-28.52	2177.76	-28.70
2197.84	-29.13	2217.97	-29.47	2251.06	-29.89	2271.16	-30.40	2291.31	-30.90
2311.78	-31.06	2332.48	-31.50	2355.64	-32.08	2375.94	-32.39	2396.54	-32.56
2417.90	-33.19	2438.18	-33.44	2459.24	-33.80	2483.44	-34.04	2503.66	-34.38
2524.02	-34.57	2544.02	-34.91	2564.14	-34.97	2590.16	-35.36	2611.00	-35.73
2638.22	-35.80	2658.28	-36.31	2678.90	-36.55	2702.53	-36.81	2723.58	-37.18

2744.39	-37.49	2770.12	-37.67	2790.87	-38.02	2811.29	-38.24	2843.47	-38.63
2864.73	-38.98	2885.03	-39.10	2905.91	-39.33	2927.46	-39.58	2955.11	-39.74
2975.18	-39.93	2995.22	-40.13	3015.29	-40.53	3057.85	-40.84	3078.24	-41.13
3098.34	-41.32	3125.08	-41.59	3146.82	-41.72	3172.28	-41.78	3193.38	-42.07
3214.04	-42.12	3234.18	-42.26	3254.48	-42.50	3283.70	-42.75	3303.75	-42.95
3328.81	-43.01	3348.96	-43.44	3388.62	-43.64	3428.60	-44.14	3449.50	-44.06
3483.57	-44.33	3504.70	-44.57	3543.23	-44.67	3563.59	-44.85	3591.60	-45.23
3627.49	-45.42	3648.14	-45.48	3669.58	-45.56	3694.05	-45.59	3714.44	-45.80
3735.44	-45.81	3774.89	-46.00						
R-193	1987	1686200.06	702955.41	60.00	9.57				
	31AUG23	19OCT23	165 00 26 139						
-043.86	12.70	-027.94	11.47	-014.43	10.97	000.17	9.64	000.58	9.62
002.12	9.74	002.51	6.78	021.97	4.85	041.90	3.29	063.54	1.93
082.67	1.02	105.41	0.33	125.03	-0.22	143.08	-0.55	165.89	-1.04
188.99	-1.61	210.95	-1.98	234.29	-2.27	254.67	-2.40	278.20	-2.69
297.05	-3.15	313.85	-3.66	332.27	-4.21	345.50	-4.61	363.25	-5.35
378.89	-6.06	389.96	-6.22	410.92	-7.26	431.18	-8.22	459.32	-8.88
481.06	-9.37	514.58	-9.86	542.38	-9.94	562.70	-9.01	583.16	-7.45
604.54	-5.78	637.66	-5.40	666.56	-5.97	686.86	-6.86	707.18	-7.39
732.69	-8.28	753.16	-8.82	774.26	-9.54	796.30	-10.07	816.78	-10.63
841.30	-11.44	877.08	-12.24	899.51	-12.92	924.15	-13.42	944.96	-13.96
981.18	-14.33	1001.20	-14.92	1022.44	-15.16	1042.84	-15.28	1062.90	-15.60
1099.03	-15.94	1125.87	-16.08	1149.25	-16.20	1170.39	-16.00	1191.46	-16.53
1223.05	-16.58	1251.62	-16.58	1273.50	-16.76	1299.93	-16.98	1321.97	-16.96
1346.40	-17.12	1377.92	-17.51	1415.63	-17.59	1442.29	-18.11	1464.66	-18.04
1486.66	-18.29	1508.14	-18.99	1534.53	-19.01	1559.39	-19.23	1581.28	-19.34
1605.26	-20.05	1628.73	-19.99	1656.45	-20.54	1676.54	-20.92	1716.22	-21.22
1736.42	-21.55	1756.62	-22.07	1776.97	-22.47	1798.78	-22.37	1822.49	-22.69
1842.72	-23.26	1863.13	-23.47	1896.08	-24.19	1916.16	-24.92	1936.52	-25.17
1956.92	-25.64	1977.93	-25.89	2009.54	-26.59	2029.68	-26.74	2053.55	-26.95
2073.90	-27.69	2094.28	-28.11	2126.95	-28.45	2147.76	-29.04	2168.06	-29.30
2188.61	-29.67	2209.04	-30.13	2234.60	-30.65	2254.67	-31.04	2275.14	-31.46
2302.53	-31.64	2322.61	-31.98	2342.63	-32.55	2363.04	-32.92	2401.54	-33.07
2422.41	-33.53	2442.52	-34.36	2462.91	-34.57	2483.08	-34.43	2514.84	-34.90
2534.90	-35.39	2556.29	-35.41	2576.90	-35.83	2607.34	-36.32	2627.55	-36.87
2648.48	-36.88	2669.76	-37.23	2706.32	-37.17	2726.63	-38.02	2746.76	-38.25
2786.00	-38.51	2825.75	-38.95	2846.04	-39.38	2866.78	-39.36	2896.34	-39.85

2917.08	-40.06	2941.21	-40.15	2962.20	-40.27	2982.96	-40.51	3005.81	-40.80
3026.38	-41.10	3047.83	-40.95	3067.84	-41.41	3088.76	-41.52	3109.50	-41.71
3129.84	-41.89	3156.41	-42.10	3177.12	-42.40	3197.36	-42.31	3223.32	-42.54
3243.51	-43.07	3264.52	-42.61	3285.27	-43.09	3305.85	-43.16	3326.98	-43.30
3365.90	-43.53	3385.97	-44.02	3422.17	-44.22	3447.91	-44.21	3468.04	-44.24
3488.27	-44.12	3527.40	-44.52	3552.75	-44.75	3573.13	-44.95	3594.53	-44.61
3614.71	-44.78	3634.84	-45.61	3654.93	-45.72	3694.51	-45.46	3717.08	-45.97
R-194	1978	1685237.15	703279.68	60.00	10.04				
	31AUG23	19OCT23	168 00	28 140					

171.70	16.43	174.44	16.14	175.22	18.01	184.09	15.37	191.88	12.50
199.25	10.19	201.54	10.04	208.39	9.94	208.93	8.41	215.42	7.78
228.44	6.22	236.51	5.39	255.97	3.57	278.09	2.06	298.52	1.00
320.54	0.04	340.03	-0.82	360.46	-1.35	382.98	-1.85	405.39	-2.14
425.97	-2.30	447.35	-2.37	469.30	-2.40	493.34	-2.80	513.26	-3.42
538.68	-4.32	567.97	-5.55	592.65	-6.52	603.22	-7.49	623.25	-8.37
643.68	-8.76	663.90	-9.48	686.03	-9.89	709.30	-9.46	730.90	-9.21
754.36	-9.10	774.95	-8.68	795.80	-7.34	816.19	-5.77	847.88	-5.74
868.78	-6.26	890.00	-6.70	910.79	-7.32	941.84	-8.54	962.18	-9.33
983.08	-10.10	1004.46	-10.63	1026.84	-10.70	1056.05	-11.46	1077.56	-12.01
1097.69	-12.63	1119.28	-13.12	1139.36	-13.58	1159.38	-14.44	1183.59	-14.79
1206.05	-14.96	1240.09	-15.12	1263.81	-15.70	1295.36	-15.80	1319.42	-15.85
1346.73	-16.27	1366.84	-16.90	1390.20	-16.46	1422.87	-16.48	1443.76	-16.84
1464.23	-16.68	1501.35	-16.80	1534.06	-17.37	1554.10	-17.62	1574.20	-17.51
1599.58	-17.93	1619.85	-18.04	1657.71	-18.22	1678.61	-18.63	1698.91	-18.74
1719.06	-19.00	1739.20	-19.30	1773.95	-19.42	1793.96	-19.74	1815.12	-20.04
1835.28	-20.13	1868.57	-20.84	1889.22	-21.17	1909.63	-21.39	1930.44	-21.68
1950.74	-22.05	1971.11	-22.28	1991.34	-22.44	2011.67	-23.08	2031.94	-23.45
2052.47	-23.74	2080.75	-24.32	2120.24	-24.87	2140.42	-25.30	2161.23	-25.77
2181.39	-26.15	2216.50	-26.72	2236.58	-27.22	2256.71	-27.53	2276.90	-27.85
2297.45	-28.23	2329.66	-28.87	2350.38	-29.26	2370.60	-29.62	2390.96	-30.00
2411.11	-30.35	2446.19	-30.77	2466.40	-31.15	2486.82	-31.72	2507.23	-31.86
2527.70	-32.11	2559.87	-32.73	2579.94	-33.16	2602.97	-33.34	2623.42	-33.85
2643.77	-34.15	2679.25	-34.66	2699.43	-35.04	2719.53	-35.35	2746.68	-35.64
2766.90	-36.00	2794.69	-36.09	2814.80	-36.54	2834.93	-36.85	2855.30	-36.98
2886.28	-37.36	2922.19	-37.78	2945.44	-38.00	2965.85	-38.51	2986.12	-38.66
3006.84	-38.96	3030.54	-39.09	3051.25	-39.61	3072.37	-39.65	3092.77	-39.92
3123.05	-40.09	3143.80	-40.31	3171.44	-40.61	3191.82	-40.86	3213.68	-40.93

3234.25	-41.21	3260.58	-41.48	3280.88	-41.65	3301.39	-41.73	3321.45	-42.26
3356.80	-42.46	3377.09	-42.60	3398.37	-42.83	3418.48	-42.92	3439.58	-42.96
3459.92	-43.19	3482.30	-43.10	3502.36	-43.59	3522.80	-43.79	3560.64	-43.79
3580.81	-44.26	3620.99	-44.23	3641.30	-44.45	3662.59	-44.71	3682.88	-44.78
3702.90	-45.02	3723.18	-45.30	3744.72	-45.31	3773.40	-45.57	3801.16	-45.55
3822.30	-45.51	3847.45	-45.72	3868.21	-45.78				
R-195	1972	1684587.90	703710.64	60.00	7.30				
	31AUG23	19OCT23	154 00	24 130					

151.96	16.47	158.03	15.13	161.38	14.17	173.06	9.45	178.73	9.01
188.06	7.92	203.97	6.09	222.99	3.76	245.10	2.32	266.28	0.83
288.58	-0.51	307.76	-1.86	325.83	-2.94	340.39	-2.27	362.75	-2.12
385.15	-2.09	406.67	-2.33	428.80	-2.82	447.91	-3.28	470.16	-4.10
487.80	-3.48	507.95	-4.74	519.50	-6.04	539.89	-6.52	561.04	-7.65
581.91	-8.18	602.96	-8.74	623.47	-9.00	650.03	-8.91	677.91	-8.52
702.29	-8.18	722.64	-7.43	742.89	-6.84	763.07	-6.38	798.26	-6.52
822.09	-6.62	849.87	-7.07	871.90	-7.64	892.13	-8.20	920.08	-8.80
941.68	-9.44	965.95	-10.38	988.07	-10.91	1008.62	-11.37	1028.63	-12.11
1052.12	-12.81	1072.36	-13.26	1095.32	-13.76	1117.10	-14.27	1156.11	-14.79
1177.20	-15.24	1208.76	-15.38	1245.02	-15.61	1267.30	-15.86	1290.55	-16.12
1325.77	-15.92	1346.11	-16.29	1379.82	-16.33	1404.26	-16.79	1428.25	-16.94
1452.40	-17.06	1476.06	-17.00	1503.34	-17.17	1535.80	-17.35	1567.84	-17.63
1590.70	-17.92	1610.86	-18.50	1633.67	-18.38	1657.33	-18.43	1683.53	-18.61
1705.91	-19.21	1726.52	-19.57	1763.66	-19.58	1783.83	-20.49	1804.43	-20.61
1830.02	-20.58	1851.30	-20.83	1874.01	-21.26	1894.36	-21.79	1914.71	-22.30
1947.68	-22.58	1967.88	-23.07	1988.83	-23.38	2009.87	-23.79	2030.06	-23.91
2064.26	-24.63	2084.28	-24.96	2105.06	-25.34	2125.10	-25.89	2145.90	-26.21
2170.78	-26.67	2191.61	-26.85	2211.71	-27.22	2231.90	-27.96	2260.32	-28.36
2287.15	-28.71	2307.68	-29.25	2330.94	-29.64	2355.34	-29.87	2375.64	-30.54
2395.75	-30.93	2424.81	-31.02	2444.82	-31.69	2471.47	-31.78	2491.53	-32.21
2522.54	-32.75	2543.36	-33.60	2570.12	-33.57	2608.20	-34.17	2641.94	-34.81
2661.96	-34.94	2682.07	-35.05	2702.60	-35.57	2723.02	-36.08	2744.12	-36.23
2779.35	-36.25	2799.66	-37.06	2819.84	-37.25	2842.39	-37.31	2875.60	-37.59
2896.03	-38.14	2918.01	-38.01	2939.58	-38.26	2959.61	-38.81	2979.94	-39.51
3000.46	-39.08	3020.96	-39.19	3041.11	-39.81	3075.93	-39.92	3108.92	-40.55
3144.32	-40.67	3164.44	-41.01	3184.71	-40.92	3212.90	-40.76	3233.07	-41.21
3253.17	-41.57	3292.81	-41.87	3313.04	-42.16	3333.46	-42.07	3358.94	-42.08
3394.32	-42.43	3414.45	-42.98	3436.72	-42.84	3457.70	-42.99	3478.19	-43.08

3498.66	-42.75	3519.93	-43.20	3540.12	-43.65	3560.22	-43.89	3580.60	-43.65
3609.12	-43.79	3629.59	-44.29	3664.56	-44.09	3684.66	-44.63		
R-196	1978	1683777.84	704290.75	60.00	10.67				
	31AUG23	19OCT23	166 00 23 143						

094.45	13.84	095.04	15.25	097.03	13.01	104.54	10.12	111.46	8.69
115.21	8.14	124.91	5.92	133.35	5.18	150.55	3.93	165.30	3.00
186.08	0.80	204.92	-0.99	224.76	-2.57	242.12	-3.17	260.67	-3.41
278.72	-2.71	301.06	-2.51	322.60	-2.59	344.62	-2.86	362.88	-3.22
385.27	-3.98	413.51	-5.04	439.15	-6.84	469.05	-5.22	489.14	-5.99
510.09	-6.56	530.68	-7.13	550.94	-7.76	571.38	-8.16	591.94	-8.57
613.79	-9.29	634.46	-9.35	674.53	-9.54	695.32	-9.35	715.75	-8.02
736.36	-6.57	762.92	-6.22	783.46	-6.67	815.18	-7.95	835.24	-8.67
855.52	-9.28	876.52	-9.96	897.06	-10.33	931.10	-10.91	951.66	-11.38
972.51	-11.81	993.76	-12.25	1014.01	-13.07	1034.99	-13.48	1055.02	-14.12
1076.14	-14.67	1096.20	-15.28	1116.48	-15.90	1136.98	-16.08	1167.18	-15.91
1194.72	-15.93	1219.24	-16.22	1240.28	-16.01	1270.25	-16.07	1293.42	-16.34
1314.82	-16.89	1338.74	-16.97	1360.55	-16.90	1384.95	-17.11	1405.92	-17.76
1429.00	-17.71	1451.57	-17.64	1476.82	-17.64	1497.95	-18.04	1520.72	-18.07
1542.81	-18.23	1563.24	-18.62	1598.06	-18.89	1633.10	-19.41	1653.15	-19.55
1676.38	-20.14	1698.74	-20.26	1730.52	-20.32	1755.76	-20.66	1775.84	-21.35
1797.13	-21.64	1817.59	-21.95	1837.70	-22.25	1876.93	-22.75	1897.01	-23.23
1917.04	-23.60	1937.20	-23.77	1970.34	-24.58	1991.98	-24.97	2012.04	-25.24
2032.22	-25.78	2052.29	-26.00	2086.67	-26.67	2106.83	-26.99	2126.90	-27.28
2147.16	-27.68	2167.54	-28.29	2197.76	-28.73	2218.56	-29.07	2238.76	-29.48
2258.98	-29.79	2279.53	-30.29	2299.55	-30.61	2339.47	-31.36	2359.80	-31.61
2379.98	-31.92	2399.99	-32.11	2421.74	-32.61	2441.87	-33.05	2470.24	-33.38
2490.31	-33.80	2511.08	-34.11	2531.34	-34.30	2570.08	-34.84	2590.16	-34.95
2610.24	-35.34	2630.72	-35.60	2669.32	-36.21	2689.34	-36.62	2710.09	-36.78
2730.31	-37.10	2750.78	-37.28	2771.14	-37.64	2798.66	-37.77	2819.47	-38.23
2840.25	-38.36	2860.43	-38.56	2895.21	-39.09	2915.26	-39.18	2935.33	-39.42
2955.66	-39.65	2975.78	-39.95	3010.44	-40.24	3030.72	-40.45	3050.84	-40.81
3072.60	-40.88	3092.82	-41.21	3126.66	-41.42	3147.14	-41.72	3178.10	-41.96
3210.94	-42.21	3231.15	-42.49	3251.20	-42.43	3271.60	-42.72	3292.77	-42.76
3318.41	-42.94	3338.72	-43.05	3359.34	-43.24	3385.81	-43.46	3405.85	-43.69
3426.12	-43.74	3460.60	-43.83	3480.62	-44.16	3515.00	-44.15	3535.01	-44.32
3555.28	-44.48	3575.31	-44.79	3606.35	-44.90	3627.84	-45.12	3649.02	-45.29
3669.50	-45.47	3699.08	-45.62	3719.40	-45.84	3739.86	-45.93	3772.40	-46.03

3793.35 -46.14
R-197 1978 1683005.63 704832.43 60.00 16.92
31AUG23 19OCT23 168 00 28 140

-020.17	12.93	-016.87	13.79	-004.00	16.42	001.81	16.52	005.05	12.67
011.60	11.37	021.12	9.79	038.88	8.54	053.15	7.70	063.05	6.76
080.99	4.77	101.94	2.43	121.67	0.28	129.96	-0.84	139.62	-1.99
160.86	-2.48	180.98	-2.82	202.54	-2.77	223.72	-2.59	245.30	-2.75
255.96	-2.63	279.67	-2.83	302.84	-3.48	320.99	-4.00	344.02	-4.90
365.40	-6.07	387.82	-7.72	412.65	-8.61	439.30	-8.14	459.46	-5.60
490.09	-4.25	516.07	-4.44	554.81	-5.16	591.67	-5.88	615.46	-6.51
635.68	-6.91	655.82	-7.99	676.55	-8.48	711.88	-9.18	732.80	-9.70
756.48	-10.15	777.42	-10.81	799.01	-11.35	824.78	-11.61	849.04	-12.15
880.52	-12.88	903.70	-13.24	926.89	-13.69	952.72	-14.16	974.42	-14.64
1005.72	-14.75	1027.18	-15.12	1048.20	-15.57	1073.08	-16.19	1100.59	-15.87
1126.05	-16.28	1149.16	-16.49	1171.82	-16.32	1194.26	-16.28	1214.76	-16.62
1235.68	-16.80	1269.43	-17.00	1290.91	-17.08	1329.51	-17.24	1369.43	-17.47
1390.74	-17.58	1412.82	-17.81	1434.40	-18.18	1456.45	-18.25	1482.86	-18.32
1506.28	-18.82	1529.98	-18.87	1550.32	-18.99	1570.52	-19.17	1591.79	-19.35
1612.28	-19.87	1636.80	-19.97	1657.70	-20.21	1680.66	-20.61	1705.17	-20.91
1725.76	-21.26	1745.80	-21.72	1773.66	-22.27	1811.34	-22.71	1831.71	-23.09
1852.16	-23.51	1872.18	-23.84	1921.11	-24.37	1941.29	-24.90	1961.85	-25.25
1982.82	-25.39	2004.48	-25.89	2037.24	-26.78	2060.36	-27.03	2080.42	-27.32
2100.53	-28.05	2120.68	-28.21	2152.71	-28.61	2173.16	-29.12	2193.25	-29.54
2213.56	-30.05	2235.73	-30.49	2271.94	-30.88	2295.06	-31.44	2315.21	-31.77
2335.50	-31.97	2355.80	-32.42	2375.91	-32.76	2396.68	-32.82	2416.76	-33.38
2437.54	-33.67	2457.86	-34.06	2477.96	-34.52	2497.99	-35.13	2518.40	-34.92
2544.10	-35.47	2564.26	-35.91	2594.34	-36.33	2621.75	-36.28	2641.92	-36.94
2662.07	-37.07	2693.33	-37.15	2713.92	-37.82	2743.68	-37.97	2764.11	-38.33
2784.16	-38.78	2809.21	-38.83	2836.51	-39.37	2862.54	-39.87	2886.59	-39.68
2907.95	-39.98	2928.16	-40.39	2952.24	-40.57	2973.36	-40.83	3012.44	-41.30
3032.78	-41.79	3052.92	-41.61	3083.58	-41.67	3103.87	-42.37	3124.24	-42.73
3158.78	-42.72	3181.54	-42.91	3201.58	-43.24	3227.83	-43.57	3248.01	-44.03
3276.35	-43.87	3296.56	-44.21	3318.22	-43.98	3340.77	-44.40	3360.94	-45.10
3381.26	-44.92	3424.18	-45.02	3444.42	-45.65	3466.39	-45.72	3486.91	-45.57
3520.46	-46.02	3540.50	-46.76	3561.13	-46.28	3589.66	-46.21	3610.04	-46.93
3630.07	-46.47	3670.44	-46.79	3700.14	-46.39	3720.20	-47.17	3741.01	-47.69
3761.48	-46.95	3800.54	-47.39	3820.59	-46.92				

R-198 1972 1682176.00 705279.22 60.00 11.38
31AUG23 19OCT23 178 00 26 152

013.41	11.40	032.33	11.80	034.91	12.43	042.48	13.22	049.16	14.30
059.51	15.59	061.89	12.88	069.01	11.30	084.13	9.39	097.87	8.05
111.48	6.27	129.77	4.39	149.01	2.39	168.74	0.04	185.70	-1.91
188.09	-2.83	198.58	-3.22	206.59	-2.68	229.67	-2.28	248.68	-2.06
269.04	-2.00	289.15	-2.37	308.74	-2.81	330.03	-3.38	348.44	-4.02
368.01	-4.60	385.14	-4.27	406.82	-4.78	428.05	-5.68	450.50	-6.43
480.28	-7.55	501.15	-8.46	522.03	-8.93	542.16	-9.06	562.38	-9.60
583.12	-9.99	604.50	-9.78	624.83	-9.57	645.07	-8.74	665.24	-7.32
685.43	-6.54	725.00	-7.14	745.04	-7.90	765.43	-8.33	795.89	-8.62
826.90	-9.35	847.82	-9.96	867.90	-10.73	888.12	-11.28	910.78	-11.53
940.42	-12.29	961.60	-13.01	981.83	-13.33	1006.12	-13.96	1026.39	-14.29
1056.72	-15.00	1078.43	-15.70	1099.23	-15.86	1121.48	-15.90	1143.30	-15.80
1163.36	-16.00	1185.68	-15.84	1216.66	-15.83	1237.86	-16.27	1258.09	-16.56
1284.86	-17.05	1305.36	-17.32	1326.76	-17.26	1356.97	-17.24	1383.63	-17.33
1403.98	-17.28	1429.67	-17.17	1458.17	-17.80	1482.98	-17.98	1516.39	-18.34
1540.54	-18.59	1563.80	-18.70	1583.90	-18.87	1604.20	-19.06	1634.84	-19.25
1655.10	-19.63	1675.18	-19.94	1700.10	-20.07	1720.12	-20.39	1753.43	-20.94
1773.62	-21.22	1794.48	-21.52	1814.68	-21.95	1835.48	-22.27	1869.91	-22.83
1889.98	-23.39	1910.38	-23.67	1930.51	-24.10	1950.76	-24.39	1980.32	-24.91
2001.43	-25.21	2021.93	-25.63	2042.42	-25.96	2062.81	-26.55	2100.46	-27.07
2121.40	-27.37	2141.46	-27.77	2161.75	-28.06	2181.96	-28.65	2216.78	-29.27
2236.82	-29.68	2257.06	-30.08	2277.20	-30.36	2297.62	-30.86	2331.85	-31.43
2352.24	-31.67	2372.32	-32.25	2393.09	-32.73	2413.44	-32.80	2439.04	-33.44
2459.30	-33.67	2479.76	-34.08	2500.17	-34.35	2520.30	-35.02	2560.11	-35.40
2580.40	-35.85	2600.58	-36.11	2622.46	-36.33	2642.95	-36.58	2670.98	-37.17
2691.04	-37.48	2711.42	-37.87	2731.56	-38.26	2759.61	-38.58	2784.70	-38.84
2804.95	-39.29	2826.05	-39.41	2846.28	-39.95	2866.58	-40.14	2886.82	-40.89
2907.05	-40.71	2929.20	-41.01	2950.51	-41.35	2970.57	-41.47	2990.85	-41.65
3018.10	-42.14	3043.35	-42.32	3063.61	-42.56	3083.81	-42.80	3103.87	-43.08
3126.60	-43.28	3147.00	-43.52	3173.10	-43.78	3193.20	-44.01	3213.56	-44.22
3233.62	-44.15	3268.56	-44.92	3288.64	-45.17	3327.48	-45.18	3347.49	-45.78
3387.50	-45.81	3412.42	-46.11	3443.03	-46.05	3465.90	-46.36	3486.06	-46.45
3514.44	-46.62	3534.84	-46.66	3558.15	-46.89	3579.71	-46.97	3611.10	-47.08
3643.62	-47.34	3672.98	-47.58	3697.49	-47.55	3718.06	-47.89	3751.29	-47.67
3778.87	-47.94	3798.91	-48.07	3819.02	-48.18	3842.56	-48.21	3862.84	-48.46

3884.09 -48.30 3913.21 -48.55 3938.66 -48.45
R-199 1987 1681373.19 705773.46 60.00 10.03
31AUG23 19OCT23 163 00 23 140

014.74	10.45	030.06	10.71	037.11	12.60	041.66	13.46	054.56	11.78
059.30	11.06	067.20	10.07	082.03	9.03	099.14	8.14	107.53	7.60
124.14	5.12	145.55	2.95	164.25	0.72	181.93	-1.33	187.82	-2.02
209.03	-2.22	231.03	-2.40	251.85	-2.41	272.30	-2.55	293.29	-2.95
313.62	-3.30	337.14	-3.91	358.18	-4.84	392.38	-4.18	413.80	-4.62
433.97	-5.08	454.18	-5.76	474.62	-6.20	495.16	-6.68	524.29	-7.03
549.62	-7.55	571.30	-8.10	602.26	-8.50	622.43	-8.80	642.74	-9.06
662.87	-9.27	701.12	-9.38	721.44	-8.93	750.57	-8.24	770.94	-8.46
795.76	-8.39	816.86	-8.65	854.28	-9.60	875.08	-9.91	896.62	-10.57
918.32	-11.19	946.43	-12.06	975.32	-12.52	995.54	-13.20	1015.90	-13.85
1044.56	-14.41	1083.11	-15.18	1106.71	-15.54	1129.77	-15.64	1158.37	-15.69
1178.62	-16.00	1199.53	-15.95	1219.79	-15.98	1247.76	-16.20	1275.96	-16.34
1296.10	-16.55	1316.20	-16.69	1337.21	-16.78	1357.38	-17.02	1394.44	-17.12
1428.90	-17.37	1456.03	-17.56	1488.14	-17.80	1508.29	-18.17	1534.91	-18.40
1558.18	-18.64	1578.35	-18.75	1600.12	-19.04	1622.88	-19.35	1652.98	-19.87
1675.75	-19.98	1696.18	-20.09	1716.48	-20.58	1736.53	-20.83	1760.39	-21.05
1780.43	-21.57	1800.64	-21.66	1821.05	-22.22	1841.17	-22.60	1874.31	-22.87
1894.72	-23.56	1915.00	-24.04	1935.76	-24.41	1956.12	-24.80	1992.18	-25.15
2012.49	-25.63	2032.86	-26.48	2053.54	-26.94	2073.97	-27.11	2099.32	-27.66
2119.54	-27.93	2147.51	-28.21	2167.67	-28.85	2188.48	-29.57	2222.42	-30.25
2242.62	-30.68	2262.66	-30.84	2283.41	-31.24	2304.22	-31.65	2339.44	-32.46
2359.91	-33.02	2379.98	-33.66	2414.02	-34.01	2434.28	-34.67	2454.84	-35.29
2491.83	-35.65	2512.14	-36.40	2532.63	-36.46	2552.87	-36.98	2587.71	-37.68
2608.56	-38.10	2629.09	-38.45	2650.71	-38.79	2677.73	-39.57	2697.78	-40.17
2718.80	-40.09	2739.10	-40.40	2759.54	-40.95	2788.27	-41.32	2808.30	-41.95
2828.44	-42.02	2848.76	-42.30	2868.96	-42.77	2890.26	-42.82	2910.84	-43.55
2945.22	-43.73	2965.32	-43.86	2985.35	-44.69	3022.13	-44.37	3042.59	-44.84
3065.42	-44.88	3085.60	-45.59	3118.71	-45.65	3139.10	-45.94	3167.09	-45.52
3187.20	-46.16	3212.44	-46.35	3237.48	-46.30	3263.86	-46.52	3284.38	-46.58
3304.72	-47.50	3344.13	-47.45	3372.97	-47.60	3395.48	-48.28	3415.80	-48.29
3436.12	-48.45	3459.33	-48.60	3486.03	-48.95	3506.08	-49.27	3542.80	-48.93
3571.38	-49.61	3609.72	-49.50	3631.00	-49.32	3663.83	-49.87	3684.42	-50.02
3707.33	-49.88	3733.60	-50.15	3753.90	-50.31				
R-200	1972	1680524.12	706292.12	60.00	11.71				

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040.14	14.48	045.01	12.91	054.85	11.91	062.17	10.89	074.27	9.98
090.44	8.97	101.48	8.77	111.11	8.44	129.06	5.71	147.91	3.38
166.84	1.06	187.91	-1.79	190.34	-3.01	197.86	-3.20	201.06	-2.46
208.42	-2.21	227.89	-2.15	248.60	-2.08	268.89	-2.19	289.77	-2.56
309.37	-3.08	327.15	-3.77	351.81	-4.40	372.06	-5.32	392.30	-6.44
412.32	-7.14	432.63	-7.71	453.23	-7.80	473.50	-7.52	494.81	-5.12
526.01	-5.09	548.32	-5.52	576.81	-5.90	598.58	-6.17	626.67	-6.34
649.42	-6.61	670.07	-7.05	700.68	-7.58	722.73	-8.16	753.57	-8.71
775.23	-9.39	795.28	-10.03	815.62	-10.39	836.00	-11.41	869.44	-11.85
891.76	-12.52	915.24	-13.07	941.15	-13.26	963.20	-13.51	987.80	-13.89
1010.72	-14.32	1049.22	-14.81	1069.45	-15.46	1106.72	-15.57	1139.69	-15.82
1159.99	-15.93	1180.20	-16.04	1202.40	-15.89	1234.52	-15.93	1255.15	-16.08
1276.54	-16.01	1296.67	-16.20	1317.58	-16.33	1337.78	-16.68	1358.49	-17.07
1380.10	-17.36	1400.12	-17.17	1433.36	-17.42	1453.64	-17.67	1491.31	-17.58
1520.16	-18.22	1544.82	-18.45	1566.35	-18.46	1586.56	-18.92	1623.95	-19.64
1644.22	-20.18	1671.57	-20.22	1691.97	-20.54	1712.22	-20.76	1732.56	-21.26
1760.07	-21.45	1780.52	-21.98	1800.79	-22.42	1821.45	-22.88	1855.41	-23.43
1875.78	-23.89	1896.17	-24.23	1916.18	-24.62	1936.56	-25.04	1970.28	-25.79
1990.54	-26.27	2010.64	-26.64	2031.24	-27.20	2051.81	-27.70	2086.74	-28.33
2106.87	-28.97	2126.88	-29.32	2146.94	-29.72	2167.04	-30.28	2200.95	-31.05
2221.41	-31.48	2242.24	-31.81	2262.35	-32.55	2282.67	-32.84	2317.14	-33.66
2337.25	-34.34	2357.52	-34.87	2377.54	-35.33	2397.90	-36.23	2419.06	-36.94
2439.19	-38.02	2459.35	-39.00	2480.11	-39.51	2500.26	-39.74	2520.47	-40.08
2540.95	-40.49	2561.01	-40.35	2582.28	-40.77	2605.25	-41.01	2626.11	-41.12
2650.94	-41.43	2671.22	-41.58	2691.94	-41.78	2712.40	-41.89	2733.64	-42.33
2758.50	-42.36	2778.59	-42.14	2806.00	-42.43	2845.20	-42.59	2865.42	-42.90
2897.48	-42.97	2920.41	-43.09	2946.64	-43.23	2984.53	-43.39	3008.54	-43.42
3042.15	-43.38	3062.63	-43.32	3082.89	-43.17	3104.88	-43.14	3130.86	-43.47
3164.40	-43.37	3202.17	-43.56	3225.14	-43.41	3246.22	-43.60	3266.48	-43.83
3286.82	-44.03	3309.56	-43.84	3329.90	-44.36	3351.51	-44.11	3374.31	-44.15
3394.68	-44.24	3424.38	-44.25	3458.71	-44.39	3478.92	-44.54	3499.00	-44.73
3519.30	-45.07	3539.31	-45.18	3559.34	-45.69	3594.20	-45.75	3614.54	-45.93
3636.79	-46.29	3659.11	-46.46	3679.80	-46.78	3710.88	-47.07	3732.84	-47.10
3752.94	-47.45	3775.34	-47.53	3795.88	-47.52				
R-201	1972	1679696.76	706816.96	60.00	9.81				
	31AUG23	19OCT23	160 00 23 137						

000.46	9.41	015.30	10.23	019.31	11.17	021.99	13.12	033.62	12.62
045.79	11.15	053.30	10.29	067.53	8.70	076.63	7.98	094.89	6.42
110.06	4.93	129.93	3.18	148.83	1.12	171.35	-1.97	173.08	-2.95
182.61	-3.09	188.66	-2.22	209.62	-2.16	230.93	-2.09	253.42	-2.18
274.93	-2.78	297.86	-3.41	312.54	-3.96	340.10	-3.46	360.61	-4.33
381.12	-5.25	401.16	-5.89	421.81	-6.47	442.86	-6.88	468.01	-7.43
495.48	-7.65	527.57	-7.91	551.36	-8.32	590.47	-8.41	610.92	-7.92
643.64	-7.39	679.50	-7.44	711.61	-7.74	732.64	-8.18	752.89	-8.73
780.95	-9.56	803.02	-10.16	824.76	-10.51	844.80	-11.23	865.31	-11.69
885.55	-12.33	907.56	-12.94	929.72	-13.07	950.52	-13.71	971.44	-14.31
992.37	-14.58	1013.27	-14.98	1035.56	-15.21	1071.36	-15.38	1091.57	-15.60
1119.04	-15.78	1145.37	-15.83	1168.95	-16.02	1190.15	-15.98	1210.51	-16.37
1233.13	-16.80	1254.05	-16.65	1275.86	-16.72	1303.22	-17.05	1332.60	-17.52
1363.94	-17.71	1386.26	-17.80	1407.12	-18.05	1428.03	-18.07	1448.54	-18.68
1477.01	-18.63	1499.34	-19.06	1519.42	-19.41	1550.50	-19.65	1570.67	-20.13
1598.60	-19.98	1618.86	-20.31	1639.10	-20.82	1659.74	-21.19	1680.05	-21.84
1700.06	-21.96	1736.91	-22.48	1756.93	-23.06	1777.73	-23.17	1798.42	-23.57
1826.15	-23.85	1846.34	-24.44	1866.80	-24.93	1887.50	-25.17	1907.56	-25.24
1941.16	-26.62	1961.30	-26.91	1982.88	-27.02	2002.93	-27.54	2022.98	-27.88
2062.62	-28.66	2082.82	-29.27	2103.15	-29.54	2123.23	-29.83	2143.40	-30.72
2179.21	-30.95	2199.70	-31.61	2232.35	-31.81	2252.70	-32.21	2288.94	-32.96
2309.25	-33.28	2329.28	-33.75	2349.70	-34.09	2369.86	-34.48	2394.98	-35.07
2415.16	-35.44	2442.32	-35.70	2462.71	-36.25	2483.47	-36.53	2504.29	-37.14
2525.08	-38.13	2545.35	-39.24	2565.67	-39.64	2585.93	-39.99	2606.11	-40.47
2626.46	-40.92	2648.02	-40.65	2668.13	-41.33	2707.73	-41.42	2728.11	-41.60
2767.14	-41.67	2787.36	-42.12	2810.84	-41.95	2845.08	-42.24	2883.10	-42.46
2918.78	-41.96	2950.32	-42.17	2976.72	-42.43	2997.49	-42.28	3024.54	-42.27
3046.16	-42.38	3078.04	-42.42	3108.37	-42.58	3140.74	-42.34	3160.94	-42.80
3183.31	-42.73	3203.45	-42.38	3225.80	-43.08	3246.05	-42.79	3283.14	-42.90
3314.30	-43.32	3348.52	-43.25	3368.88	-43.34	3396.09	-43.35	3426.62	-43.22
3446.86	-43.39	3467.06	-43.45	3487.30	-44.34	3521.38	-43.62	3542.07	-43.89
3562.47	-44.33	3583.24	-44.24	3613.38	-44.57	3633.77	-44.67	3657.66	-44.99
R-202	1987	16789	19.58	707368.72	60.00	11.91			
	31AUG23	19OCT23	165 00	20 145					
-007.84	11.90	001.85	11.91	002.49	9.72	010.82	8.40	030.52	5.81
050.30	2.99	066.90	0.65	084.24	-1.38	092.91	-2.53	094.64	-3.60

111.82	-3.83	118.15	-3.73	122.26	-2.65	147.69	-2.46	170.34	-2.75
192.15	-2.95	208.41	-3.49	226.95	-4.22	249.52	-5.22	267.89	-6.42
290.84	-6.74	311.05	-7.66	331.98	-8.28	360.91	-8.17	380.95	-7.29
401.43	-6.09	423.37	-5.64	450.23	-5.67	492.82	-6.38	513.45	-6.88
533.59	-7.68	553.88	-8.25	577.05	-9.01	607.87	-9.46	640.95	-9.77
662.62	-10.27	688.04	-10.62	724.55	-11.20	744.71	-11.62	765.14	-12.48
785.39	-13.04	805.88	-13.60	826.70	-14.32	846.92	-14.70	868.37	-15.01
895.55	-15.08	921.95	-14.79	945.38	-14.99	965.57	-14.71	995.27	-15.06
1019.18	-15.45	1039.86	-15.82	1066.75	-16.15	1087.35	-16.52	1108.63	-16.63
1129.28	-16.47	1155.89	-16.25	1181.60	-16.16	1206.98	-16.44	1227.20	-16.69
1247.49	-16.85	1268.26	-17.33	1300.56	-17.64	1320.61	-17.99	1342.88	-18.33
1369.16	-18.69	1395.72	-19.08	1417.97	-18.38	1438.05	-18.53	1458.30	-19.56
1497.01	-19.25	1517.34	-19.87	1546.34	-20.63	1573.91	-20.65	1594.11	-20.92
1617.17	-21.81	1645.83	-22.36	1665.97	-22.71	1686.16	-22.95	1707.03	-23.44
1727.76	-23.85	1747.78	-24.29	1782.98	-25.02	1803.71	-25.52	1826.79	-25.90
1847.28	-26.39	1882.50	-27.00	1902.61	-27.37	1922.72	-27.90	1943.20	-28.29
1963.26	-29.06	1996.94	-29.43	2017.47	-30.03	2037.80	-30.63	2058.16	-30.93
2078.81	-31.45	2112.74	-32.25	2132.80	-32.69	2153.32	-33.00	2173.96	-33.55
2194.00	-33.95	2229.23	-34.62	2249.53	-35.22	2269.85	-35.56	2289.91	-36.06
2310.05	-36.69	2337.89	-37.18	2358.19	-37.80	2378.24	-38.35	2405.25	-39.16
2425.61	-40.14	2449.90	-40.57	2470.33	-40.90	2495.64	-41.02	2523.90	-41.05
2553.52	-40.86	2593.48	-41.06	2614.23	-40.88	2634.92	-41.19	2655.15	-41.36
2675.46	-41.21	2711.26	-41.28	2743.07	-41.03	2766.76	-41.26	2786.92	-41.45
2812.30	-41.36	2834.30	-41.49	2864.48	-41.34	2884.61	-41.58	2904.84	-41.73
2935.48	-41.71	2956.18	-41.98	2976.63	-42.05	3002.79	-41.96	3022.84	-42.30
3057.92	-42.31	3090.05	-42.41	3123.79	-42.73	3153.36	-42.82	3183.92	-42.57
3204.14	-42.69	3225.04	-42.92	3245.18	-43.17	3265.25	-43.20	3285.48	-43.15
3321.21	-43.15	3341.52	-43.22	3361.68	-43.67	3398.04	-43.85	3432.84	-43.77
3460.37	-43.90	3481.13	-43.99	3508.14	-43.86	3528.79	-44.09	3549.32	-44.16
3574.95	-44.28	3595.08	-44.53	3629.08	-44.78	3649.26	-44.96	3676.87	-45.16
3697.05	-45.54	3717.12	-45.98	3755.04	-46.31	3775.52	-46.62	3795.98	-46.81
R-203	1987	1678244.91	707796.11	60.00	11.80				
	31AUG23	17OCT23	163 00	19 144					
-012.27	12.32	-006.70	12.14	002.30	11.83	003.05	7.86	008.87	6.88
019.98	5.65	038.83	3.59	058.55	1.47	071.96	-0.10	081.73	-1.30
084.32	-2.11	086.83	-1.85	108.11	-2.03	129.39	-2.31	149.37	-2.45
172.16	-2.82	190.63	-3.39	216.15	-4.26	239.69	-5.14	272.87	-4.81

293.38	-5.94	313.63	-7.53	333.71	-10.85	359.55	-10.43	396.04	-10.35
416.41	-8.70	456.43	-8.72	482.94	-8.46	521.34	-8.30	542.33	-7.71
572.22	-7.28	598.48	-7.48	620.22	-7.54	640.26	-7.97	660.74	-8.73
693.73	-9.39	713.94	-10.12	733.98	-10.63	754.17	-11.20	774.82	-11.72
807.07	-12.59	827.17	-13.42	849.38	-13.91	886.06	-14.07	906.36	-14.61
927.24	-15.09	952.38	-15.33	976.94	-15.44	1000.14	-15.84	1020.66	-16.00
1043.04	-16.07	1064.77	-16.24	1085.05	-16.41	1106.36	-16.57	1126.49	-16.54
1146.80	-16.78	1170.84	-17.04	1204.61	-17.37	1228.12	-17.76	1256.67	-18.23
1283.47	-18.69	1319.76	-18.69	1340.41	-18.52	1378.66	-18.75	1417.62	-19.11
1438.19	-19.68	1460.13	-19.96	1487.22	-20.65	1513.36	-20.99	1534.55	-21.33
1556.28	-21.56	1577.63	-22.09	1601.13	-22.60	1637.78	-23.35	1660.42	-24.07
1680.79	-24.48	1700.92	-24.91	1735.48	-25.84	1755.64	-26.32	1776.23	-26.65
1796.52	-27.14	1816.67	-28.12	1836.92	-29.09	1870.29	-29.26	1890.54	-30.24
1910.90	-31.99	1930.98	-32.49	1959.16	-33.17	1982.03	-33.36	2002.06	-33.76
2022.32	-34.11	2043.44	-34.22	2081.86	-34.05	2101.87	-34.84	2130.09	-34.67
2150.24	-34.74	2171.83	-34.94	2192.16	-35.39	2225.19	-35.60	2245.52	-36.11
2272.48	-36.51	2296.44	-36.08	2316.52	-36.50	2338.06	-36.88	2363.56	-36.88
2384.25	-37.14	2404.34	-37.43	2437.28	-37.46	2457.38	-38.00	2477.74	-38.08
2497.99	-38.76	2518.11	-38.25	2554.60	-39.05	2588.03	-39.42	2608.47	-39.01
2635.80	-39.30	2670.52	-39.48	2690.89	-39.83	2711.05	-39.42	2740.44	-39.78
2761.07	-40.55	2799.06	-40.17	2830.80	-40.15	2850.96	-40.62	2890.06	-40.77
2910.27	-40.98	2930.30	-40.86	2963.64	-41.72	3000.00	-41.77	3037.12	-41.66
3057.32	-41.91	3091.28	-41.82	3111.48	-42.52	3132.31	-42.22	3157.68	-42.20
3183.15	-42.76	3203.37	-42.49	3224.94	-42.49	3245.20	-42.83	3267.20	-42.71
3295.41	-42.82	3315.91	-42.89	3335.98	-43.57	3356.97	-43.03	3396.62	-43.59
3416.99	-43.62	3437.67	-43.83	3458.12	-43.64	3495.62	-43.15	3515.88	-43.29
3537.76	-43.57	3564.42	-44.25	3584.78	-43.58	3607.94	-43.64	3628.06	-44.10
3648.31	-43.92	3668.39	-44.01	3688.71	-44.69	3710.35	-44.30	3731.06	-44.62
3751.10	-44.87	3771.24	-45.13	3791.46	-44.80				
R-204	1972	1677288.08	708291.04	60.00	8.52				
	31AUG23	17OCT23	168 00	23 145					
047.13	12.14	055.07	12.45	057.40	12.95	058.52	14.32	066.37	12.65
072.41	9.85	081.76	7.75	083.91	7.57	097.13	6.12	116.43	4.10
132.53	2.52	152.18	0.25	164.19	-1.31	167.89	-2.52	180.42	-2.01
202.33	-1.98	222.91	-2.16	244.17	-2.65	260.60	-3.09	280.36	-3.86
302.05	-4.45	322.54	-5.36	337.87	-6.57	373.62	-6.44	393.98	-3.93
417.45	-3.92	448.52	-4.06	486.02	-5.32	506.98	-5.38	527.86	-5.76

548.93	-6.32	569.01	-6.63	602.40	-7.29	622.78	-7.91	643.00	-8.73
663.00	-9.35	694.45	-9.83	716.19	-10.33	736.64	-11.00	758.30	-11.33
781.52	-11.55	801.92	-11.77	822.33	-12.28	843.45	-12.75	870.34	-13.14
890.84	-13.81	911.15	-14.43	945.27	-14.76	966.44	-14.90	990.60	-15.00
1010.92	-15.13	1031.64	-15.22	1057.23	-15.68	1081.27	-16.09	1103.29	-16.52
1133.68	-16.71	1161.28	-16.58	1197.01	-16.82	1218.01	-17.30	1241.95	-17.19
1267.02	-17.33	1287.22	-17.52	1309.12	-17.65	1330.44	-18.07	1350.90	-18.23
1374.89	-18.53	1395.10	-18.50	1433.00	-18.36	1453.19	-18.48	1473.38	-19.21
1502.22	-18.86	1522.29	-19.52	1546.03	-19.62	1566.56	-20.55	1587.72	-20.87
1607.80	-21.22	1627.96	-21.67	1655.24	-22.04	1675.79	-22.51	1696.15	-22.87
1743.11	-23.44	1763.16	-23.54	1798.18	-23.24	1818.40	-23.55	1838.60	-23.77
1875.58	-24.27	1896.26	-24.56	1916.47	-24.79	1936.82	-25.02	1972.14	-25.73
1992.19	-26.21	2012.38	-26.54	2032.56	-27.12	2052.66	-27.59	2087.95	-28.59
2108.09	-29.30	2128.35	-29.91	2148.77	-30.82	2169.10	-32.26	2190.90	-32.98
2210.94	-33.20	2231.38	-33.97	2251.66	-34.35	2272.14	-34.52	2293.56	-34.86
2313.66	-35.18	2333.89	-34.82	2370.24	-34.66	2390.48	-35.88	2425.50	-36.18
2445.52	-36.35	2469.94	-36.60	2496.87	-36.75	2516.88	-37.17	2536.93	-37.40
2557.26	-36.89	2592.96	-37.53	2613.56	-38.61	2643.47	-38.80	2667.89	-38.70
2700.35	-38.94	2721.12	-38.86	2744.66	-39.06	2769.70	-39.26	2789.93	-39.40
2821.96	-39.70	2842.30	-39.84	2877.80	-39.96	2898.00	-40.26	2920.50	-40.15
2940.74	-40.26	2969.18	-40.39	2992.37	-40.50	3012.73	-40.87	3049.98	-41.20
3083.40	-41.16	3109.76	-41.20	3149.01	-41.53	3178.73	-41.64	3198.98	-41.90
3219.30	-41.95	3251.67	-42.22	3271.68	-42.41	3291.81	-42.46	3312.04	-42.52
3332.30	-42.64	3356.41	-42.74	3376.64	-43.03	3399.21	-43.09	3423.20	-43.21
3458.85	-43.36	3489.84	-43.50	3509.90	-43.94	3535.14	-43.63	3555.21	-43.99
3575.32	-43.57	3602.16	-43.73	3632.18	-43.85	3653.23	-44.01	3687.41	-44.58
3709.88	-44.35	3745.64	-44.37	3766.33	-44.25	3797.18	-44.26	3821.14	-44.43
3841.83	-44.64	3868.41	-44.78	3905.00	-44.86				
R-205	1978	1676533.61	708735.70	60.00	6.18				
	31AUG23	17OCT23	168 00	22 146					
092.89	11.55	100.21	11.45	104.59	11.09	105.09	12.28	110.04	12.63
114.85	9.78	126.65	7.28	128.70	6.12	134.88	5.37	141.33	4.44
158.49	2.37	175.38	0.14	188.12	-1.38	191.09	-2.24	193.06	-1.66
216.67	-1.66	238.95	-2.31	260.03	-2.87	276.21	-3.74	302.43	-4.55
324.52	-5.35	342.70	-6.20	361.55	-3.77	381.82	-4.82	402.03	-6.34
422.83	-10.08	446.79	-9.57	466.80	-8.96	487.62	-8.14	514.64	-7.76
535.23	-7.73	555.71	-7.24	576.56	-6.56	610.78	-6.24	632.48	-6.50

654.29	-6.99	674.47	-7.54	698.89	-8.33	725.56	-8.86	762.39	-9.67
782.54	-10.46	803.00	-10.81	823.89	-11.26	844.57	-11.90	871.51	-12.72
892.60	-13.21	912.86	-13.66	933.33	-14.33	959.72	-14.51	981.85	-14.68
1003.10	-15.03	1023.24	-15.05	1043.30	-15.21	1065.68	-15.38	1086.52	-15.65
1110.30	-15.91	1150.81	-16.01	1174.93	-16.19	1208.22	-16.30	1228.72	-16.35
1248.82	-16.66	1281.97	-16.99	1321.35	-17.14	1348.25	-17.60	1379.74	-17.59
1399.95	-17.76	1422.97	-17.92	1449.83	-18.43	1474.83	-18.82	1499.22	-18.85
1522.42	-19.19	1549.05	-19.52	1584.13	-19.90	1604.94	-19.98	1625.34	-20.38
1651.78	-20.76	1683.58	-21.47	1708.79	-21.68	1728.91	-22.08	1749.45	-22.34
1770.16	-22.75	1793.51	-23.09	1813.77	-23.74	1833.99	-24.33	1866.25	-24.57
1886.38	-25.02	1918.03	-25.60	1938.15	-26.05	1958.50	-26.34	1978.57	-26.97
1998.76	-27.68	2019.42	-28.16	2050.17	-28.30	2070.76	-29.00	2090.80	-29.43
2114.08	-29.73	2134.27	-30.66	2154.75	-30.96	2190.68	-31.31	2210.88	-31.70
2231.56	-32.44	2255.72	-32.98	2275.86	-33.97	2296.17	-34.67	2324.53	-34.67
2344.61	-34.89	2364.76	-35.60	2387.31	-35.54	2407.98	-35.85	2430.91	-35.82
2454.03	-35.96	2474.33	-36.38	2501.67	-36.48	2531.24	-36.45	2551.70	-36.92
2572.37	-37.43	2598.88	-37.10	2626.08	-37.78	2661.26	-37.88	2700.95	-37.95
2723.29	-38.21	2743.48	-38.37	2772.52	-38.43	2792.68	-38.53	2839.76	-38.73
2860.10	-38.86	2880.58	-39.40	2901.00	-39.33	2940.02	-39.77	2960.17	-40.04
2984.83	-39.95	3005.93	-40.32	3036.78	-40.13	3056.82	-40.61	3077.22	-40.95
3097.44	-40.85	3118.49	-40.87	3138.58	-41.14	3159.38	-41.52	3189.79	-41.31
3211.31	-41.49	3231.42	-42.25	3254.92	-41.59	3275.28	-41.83	3295.61	-42.42
3326.82	-42.28	3364.81	-42.23	3385.26	-42.93	3408.92	-42.78	3432.36	-42.62
3452.44	-43.05	3473.21	-42.98	3494.44	-43.17	3522.23	-43.26	3542.25	-43.74
3572.12	-43.44	3592.18	-43.97	3612.54	-43.53	3640.50	-43.67	3660.83	-44.18
3685.32	-43.99	3717.00	-43.90	3738.32	-43.90	3772.37	-44.34	3792.80	-44.14
3817.15	-43.91	3837.51	-44.19	3871.35	-44.35				
R-206	1972	1675646.82	709254.99	60.00	7.92				
	31AUG23	17OCT23	167 00	16 151					

122.24	15.10	127.24	15.22	129.33	16.52	134.41	14.24	142.16	11.51
154.82	6.78	175.17	3.92	191.15	2.23	212.70	0.05	233.57	-1.11
254.60	-1.74	277.50	-2.75	296.98	-3.47	316.45	-4.52	321.74	-5.34
338.06	-7.46	362.81	-2.66	385.81	-3.67	406.06	-4.57	426.24	-6.26
447.18	-9.90	467.46	-10.01	502.17	-10.18	522.60	-9.00	554.60	-8.43
588.96	-8.15	609.05	-8.50	630.05	-8.21	660.48	-7.99	688.74	-8.01
739.96	-8.20	763.52	-8.55	783.68	-9.27	803.90	-9.97	824.63	-10.53
845.20	-11.13	865.44	-12.12	885.60	-12.86	914.18	-13.40	937.08	-13.86

963.48	-14.13	985.30	-14.40	1006.01	-14.55	1035.16	-14.62	1055.57	-15.13
1088.95	-15.65	1113.49	-15.97	1139.22	-15.79	1167.26	-15.57	1192.61	-15.18
1212.74	-15.18	1234.46	-15.35	1256.73	-15.36	1283.17	-15.57	1306.02	-16.30
1326.70	-16.82	1348.91	-17.28	1372.24	-17.44	1399.66	-17.19	1420.60	-17.39
1445.88	-17.73	1466.42	-18.60	1494.97	-18.91	1518.33	-19.01	1539.00	-19.13
1569.03	-19.15	1590.06	-19.45	1611.16	-19.75	1631.83	-20.57	1666.80	-20.87
1686.97	-21.31	1707.43	-21.64	1727.46	-21.91	1747.84	-22.14	1780.93	-22.65
1801.32	-22.89	1822.04	-23.27	1842.22	-23.67	1862.43	-24.12	1885.68	-24.46
1905.79	-25.47	1938.40	-25.43	1959.19	-26.06	1979.40	-26.48	2005.18	-26.99
2025.85	-27.38	2046.49	-27.73	2067.19	-28.10	2087.30	-28.40	2118.82	-28.77
2139.02	-29.00	2169.38	-29.21	2189.68	-29.43	2209.96	-29.66	2244.40	-29.96
2264.45	-30.13	2284.91	-30.57	2305.42	-31.18	2325.67	-32.13	2348.54	-33.71
2368.83	-34.48	2391.13	-34.81	2411.41	-35.13	2431.69	-35.46	2451.84	-35.64
2474.00	-35.56	2513.30	-35.60	2533.54	-35.45	2568.50	-35.40	2588.90	-35.13
2609.14	-34.68	2630.10	-34.78	2650.13	-35.03	2670.43	-35.10	2703.08	-35.71
2723.46	-35.84	2745.16	-36.33	2765.54	-37.25	2786.54	-37.97	2807.62	-37.87
2829.44	-37.98	2853.59	-38.39	2881.81	-38.47	2902.22	-38.88	2922.68	-39.08
2943.53	-39.28	2982.94	-39.52	3016.88	-39.54	3036.98	-39.77	3075.52	-40.23
3095.56	-40.48	3120.74	-40.56	3149.97	-40.73	3170.10	-41.05	3198.60	-40.98
3219.08	-41.17	3239.40	-41.49	3276.83	-41.66	3297.79	-41.78	3324.34	-42.04
3348.23	-42.06	3377.43	-42.18	3413.50	-42.69	3451.69	-42.74	3472.07	-42.80
3506.62	-42.71	3527.50	-42.97	3547.80	-43.14	3567.92	-43.23	3595.74	-43.23
3620.45	-43.66	3641.37	-43.76	3680.00	-44.20	3703.30	-43.98	3723.34	-44.46
3759.14	-44.41	3793.34	-44.54	3813.86	-44.41	3840.87	-44.30	3861.10	-44.45
3899.38	-44.51	3919.68	-44.75	3956.56	-44.86	3994.35	-45.41	4018.36	-45.10
4038.39	-45.34	4058.66	-45.16						
R-207	1983	167481	19.50	709740.39	60.00	8.38			
	31AUG23	18OCT23	152 00	21 131					
146.33	17.54	149.89	18.84	152.71	18.42	157.99	17.83	160.85	17.40
162.95	17.13	172.60	15.80	180.45	12.70	188.51	6.34	208.33	3.61
218.38	2.22	234.56	0.11	247.22	-1.82	251.53	-3.01	263.57	-2.49
283.59	-2.57	308.17	-2.72	329.35	-3.01	351.60	-3.75	378.30	-4.74
398.12	-6.40	434.68	-5.07	455.29	-6.34	475.66	-5.47	511.67	-5.07
538.12	-4.55	559.37	-4.94	580.05	-5.20	609.08	-5.42	639.02	-6.05
659.45	-6.73	681.70	-7.54	701.98	-8.14	724.29	-8.56	747.86	-9.22
771.27	-9.91	793.98	-10.37	817.94	-10.75	841.29	-11.30	861.68	-11.98
884.21	-12.43	908.38	-12.73	928.47	-13.42	950.17	-13.70	984.01	-13.92

1012.24	-14.15	1041.78	-14.27	1063.60	-14.47	1109.62	-14.85	1129.66	-15.00
1149.77	-15.12	1170.31	-15.28	1202.29	-15.35	1240.67	-15.94	1262.20	-16.08
1287.11	-16.42	1326.22	-16.50	1365.76	-16.53	1393.74	-16.77	1418.88	-16.71
1443.63	-16.98	1463.79	-17.43	1484.41	-18.40	1507.06	-18.41	1528.22	-18.54
1563.92	-19.06	1590.94	-19.71	1613.23	-20.06	1647.19	-20.43	1668.91	-20.81
1689.04	-21.25	1709.81	-21.73	1743.99	-22.13	1764.22	-22.34	1804.32	-22.65
1824.90	-22.86	1845.06	-23.22	1865.24	-23.71	1885.29	-24.13	1905.29	-24.38
1945.22	-24.34	1966.11	-24.82	1986.48	-25.12	2006.87	-25.44	2033.70	-25.37
2054.76	-25.57	2074.80	-25.40	2110.90	-25.28	2130.98	-25.75	2151.32	-25.48
2171.67	-25.35	2196.42	-25.52	2218.40	-25.39	2239.06	-25.84	2259.12	-26.36
2282.56	-26.51	2302.76	-27.35	2322.97	-27.86	2343.73	-28.05	2380.32	-28.32
2400.54	-29.23	2420.86	-29.75	2457.10	-30.27	2487.50	-31.26	2507.93	-32.47
2528.83	-33.20	2549.18	-33.64	2569.46	-34.02	2589.96	-34.39	2627.60	-35.21
2655.12	-35.35	2675.18	-36.10	2695.50	-36.47	2722.81	-36.51	2743.26	-37.14
2771.54	-37.26	2799.52	-37.61	2834.75	-37.61	2855.56	-38.19	2875.78	-38.05
2908.88	-38.31	2929.13	-38.73	2949.89	-38.62	2987.86	-38.55	3008.29	-39.06
3042.68	-39.55	3082.15	-39.49	3114.22	-39.73	3134.26	-39.99	3160.34	-39.87
3188.48	-40.60	3215.88	-40.40	3235.92	-40.79	3256.10	-41.02	3300.66	-41.26
3320.69	-41.49	3341.34	-41.76	3361.57	-41.51	3381.66	-41.87	3403.17	-42.09
3425.95	-41.95	3450.10	-42.09	3477.58	-42.27	3497.82	-42.50	3519.70	-42.64
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3684.73	-43.26	3704.73	-43.97						
R-208	1978	1673999.96	710213.51	60.00	7.88				
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149.54	18.52	154.76	18.38	159.57	17.89	161.22	15.36	170.37	13.29
185.89	9.73	206.87	6.82	224.58	4.83	244.13	2.91	263.93	0.52
286.20	-1.90	287.95	-2.48	291.54	-2.16	314.13	-2.33	338.35	-2.82
357.32	-3.11	378.22	-3.76	395.51	-4.42	410.47	-4.93	424.48	-6.01
436.29	-7.00	453.98	-5.36	474.05	-6.55	494.28	-7.28	518.28	-7.74
538.42	-8.15	558.72	-8.32	588.76	-8.45	612.21	-8.85	635.64	-9.19
657.08	-9.05	677.73	-8.76	698.04	-8.22	718.40	-7.57	756.99	-7.53
781.30	-8.47	801.41	-8.90	822.49	-9.33	842.76	-9.70	871.49	-9.88
905.54	-10.34	926.08	-11.50	946.18	-12.54	966.38	-13.25	986.44	-13.42
1019.89	-13.77	1041.46	-14.40	1061.69	-14.91	1082.04	-15.03	1102.43	-15.35
1122.51	-15.49	1143.43	-15.35	1163.97	-15.40	1200.52	-15.54	1220.91	-16.19
1256.74	-16.23	1277.25	-16.48	1299.74	-16.68	1319.84	-16.52	1349.35	-17.14
1375.49	-17.35	1395.70	-17.76	1417.87	-17.57	1438.20	-17.83	1463.73	-17.98

1483.79	-18.20	1505.34	-18.49	1525.53	-18.88	1553.45	-19.06	1574.20	-19.66
1613.02	-19.76	1634.13	-19.88	1655.08	-20.35	1675.47	-20.42	1696.60	-20.81
1730.71	-21.35	1754.80	-21.83	1775.04	-22.01	1795.32	-22.27	1830.55	-22.60
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1966.71	-24.60	1986.79	-24.98	2007.20	-25.21	2027.41	-25.43	2051.42	-25.86
2074.68	-25.98	2099.73	-26.09	2120.99	-26.34	2141.63	-26.50	2162.52	-26.54
2183.10	-26.72	2203.83	-27.03	2224.24	-27.06	2247.15	-27.09	2267.22	-27.24
2304.09	-27.50	2324.62	-27.37	2344.86	-27.69	2365.17	-27.55	2386.66	-27.79
2408.26	-27.68	2428.56	-28.09	2458.03	-28.24	2478.04	-28.47	2504.80	-28.53
2536.90	-28.89	2564.10	-28.85	2584.42	-29.35	2604.72	-30.45	2636.76	-31.55
2657.09	-32.18	2677.17	-32.55	2697.34	-32.94	2717.76	-33.24	2738.05	-33.86
2759.03	-34.17	2779.35	-34.82	2800.00	-35.04	2820.46	-35.26	2840.75	-35.58
2867.72	-35.77	2888.26	-36.06	2909.48	-36.34	2929.49	-36.42	2950.18	-36.66
2982.67	-37.19	3003.22	-37.24	3023.63	-37.58	3043.71	-37.93	3063.82	-38.11
3084.04	-38.43	3104.52	-38.88	3129.92	-38.92	3150.13	-39.32	3173.25	-39.69
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3321.08	-41.14	3341.32	-41.35	3362.79	-41.60	3387.46	-41.73	3408.03	-42.14
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3688.32	-43.97	3725.58	-43.88	3746.07	-44.02	3778.91	-43.87	3798.98	-43.92
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Section 3

ASCII Raw Data XYZ Format File

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625967.61	1848575.11	-15.57

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627181.85	1847071.94	-23.49
627162.85	1847062.88	-22.77
627134.04	1847043.06	-22.51
627116.56	1847030.56	-22.48
627098.41	1847019.60	-21.70
627190.70	1845973.39	-17.96
627172.08	1845964.72	-17.65
627117.87	1845940.79	-17.44
627153.13	1845956.38	-17.19
627101.24	1844842.32	-15.73
627157.09	1844870.54	-15.56
627125.68	1844855.51	-15.53
627175.45	1844879.29	-15.14
627193.02	1844888.99	-14.73
627186.31	1843771.45	-8.55
627168.53	1843759.70	-7.78
627150.27	1843750.61	-6.81
627131.57	1843742.74	-6.19
627221.85	1851459.08	-42.92
627261.36	1851489.32	-42.60
627297.36	1851518.24	-42.57
627238.05	1851473.10	-42.50
627205.01	1851444.53	-42.44
627280.28	1851504.00	-42.31
627287.09	1850402.09	-41.65
627259.06	1850388.68	-41.27
627224.58	1850374.18	-41.00
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627287.83	1849349.86	-37.33
627242.67	1849326.80	-36.84
627260.70	1849337.80	-36.81
627219.87	1849308.70	-36.34
627204.26	1849295.05	-35.97
627291.71	1848232.14	-31.94
627274.04	1848220.12	-31.63
627251.77	1848205.86	-31.40
627218.30	1848184.15	-30.95
627269.53	1847107.33	-24.98
627225.59	1847092.83	-24.18
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627202.60	1847082.99	-23.43
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627222.39	1845989.60	-18.22
627292.37	1844962.85	-15.66
627277.52	1844948.98	-15.16
627241.25	1844917.37	-15.14

627257.17	1844930.37	-14.78
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627275.77	1843829.17	-10.41
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627388.11	1850463.41	-42.40
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627343.54	1850435.06	-41.91
627320.05	1850420.89	-41.55
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627393.21	1847188.75	-27.08
627372.64	1847170.13	-26.33
627351.23	1847148.97	-26.03
627326.19	1847130.47	-25.79
627307.45	1847121.30	-25.26
627386.33	1846097.33	-21.19
627369.68	1846085.49	-20.59
627352.66	1846074.69	-20.48
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627340.45	1843868.06	-11.94
627322.07	1843856.94	-11.52
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627364.63	1842769.37	-6.80
627346.02	1842756.02	-5.91
627331.12	1842741.78	-5.48
627489.45	1850531.09	-42.85
627462.69	1850515.01	-42.82
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627483.08	1849447.11	-39.84
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627456.30	1848325.30	-34.75
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627483.64	1847244.03	-28.54
627458.76	1847231.78	-28.31
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627461.60	1843949.41	-13.55
627406.39	1843912.23	-13.03
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627535.06	1848342.32	-36.12
627563.04	1848356.74	-36.12
627508.26	1848333.10	-35.52
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627554.81	1847298.14	-30.18
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627559.47	1846204.38	-24.11
627537.47	1846193.61	-23.88
627519.20	1846184.68	-23.63
627499.13	1846174.17	-23.24
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627551.75	1842892.54	-5.77
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629613.52	1839668.81	-16.10
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629675.13	1838611.30	-13.59
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629702.38	1845243.61	-44.02
629763.47	1844149.33	-42.52
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629711.81	1841899.79	-29.71
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630821.31	1837076.80	-18.29
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630859.30	1836020.00	-15.18
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630849.97	1834927.03	-6.93
630834.17	1834913.91	-6.25
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630927.41	1842620.18	-45.45
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630927.63	1839329.32	-31.96
630904.67	1839319.56	-31.65
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630973.59	1838277.49	-26.63
630938.49	1838258.85	-26.31
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630921.69	1833890.40	-5.90
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631020.57	1841549.90	-40.89
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631044.69	1838299.69	-27.69
631025.30	1838292.85	-27.25
631093.29	1837220.58	-22.19
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631142.47	1840513.19	-39.54
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631639.33	1837534.99	-31.82
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631646.41	1836455.13	-25.92
631626.44	1836439.76	-25.59
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631672.35	1834356.88	-15.79
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631777.78	1839810.88	-43.90
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631751.33	1837607.44	-33.59
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631779.93	1836565.60	-28.33
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631761.91	1836554.82	-28.17
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631753.36	1834394.61	-16.30
631789.45	1833367.88	-14.68
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631825.84	1839836.19	-44.29
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631863.80	1838763.21	-39.56
631841.07	1838752.43	-39.42

631818.79	1838742.68	-38.86
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631843.39	1837675.21	-35.35
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631804.06	1837646.25	-34.75
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631872.47	1832327.16	-7.48
631854.46	1832314.62	-6.69
631834.95	1832302.51	-6.10
631817.33	1832292.12	-5.58
631800.23	1832281.30	-4.96
631955.27	1839930.25	-46.01
631933.15	1839914.65	-45.42
631974.53	1839937.63	-45.12
631901.90	1839889.95	-44.82
631941.37	1838815.04	-40.46
631982.49	1838845.57	-40.38
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631957.04	1838827.95	-39.93
631951.24	1837733.67	-37.37
631996.87	1837753.51	-37.03
631976.41	1837744.90	-37.01
631930.28	1837723.37	-36.66
631909.49	1837713.00	-36.28
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631996.81	1836671.73	-31.69
631960.42	1836653.06	-31.41
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631971.32	1835550.84	-25.35
631949.85	1835539.69	-25.08
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631983.25	1834519.84	-19.68
631966.33	1834508.14	-19.46
631949.06	1834497.78	-19.17
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631991.68	1833480.19	-16.00
631964.97	1833464.18	-15.97
631939.32	1833447.35	-15.91
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631997.48	1832400.95	-11.33
631979.91	1832391.16	-10.82
631951.49	1832375.42	-10.32
631930.90	1832363.90	-9.59
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631996.19	1831312.78	-5.96
631979.30	1831301.97	-4.86
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632087.47	1837802.28	-38.42
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632082.19	1833532.47	-16.80
632062.98	1833521.12	-16.47
632040.76	1833507.48	-16.45
632011.64	1833491.52	-16.31
632088.91	1832450.85	-13.11
632064.54	1832437.44	-12.62
632045.98	1832427.04	-11.81
632016.22	1832410.85	-11.69
632039.70	1831339.07	-6.83
632064.72	1831351.22	-6.77
632083.83	1831361.77	-6.65
632014.57	1831324.56	-6.29
632196.43	1838972.98	-41.89
632162.05	1838947.24	-41.82
632179.34	1838959.64	-41.69
632134.07	1838932.48	-41.34
632112.14	1838923.71	-41.05
632182.96	1837846.77	-39.44
632162.35	1837836.64	-39.21
632130.87	1837822.81	-38.64
632111.58	1837814.08	-38.38
632191.01	1836784.85	-35.23
632168.97	1836769.52	-34.91
632150.28	1836758.23	-34.29
632115.22	1836736.34	-34.08
632133.00	1836747.45	-34.01
632171.56	1835675.09	-29.19
632152.72	1835664.97	-28.54
632134.45	1835655.07	-28.27
632115.95	1835644.03	-27.96
632174.08	1834635.14	-22.96
632155.03	1834628.22	-22.50
632106.01	1834606.27	-22.06
632136.24	1834621.24	-22.00
632186.86	1833588.31	-18.02
632165.29	1833576.07	-17.75
632146.00	1833565.78	-17.24
632127.77	1833556.43	-17.12
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632186.82	1832513.25	-14.88
632168.67	1832498.74	-14.44
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632107.89	1832461.27	-13.50
632185.68	1831430.17	-6.85
632102.86	1831373.08	-6.38
632163.36	1831417.70	-6.30
632146.75	1831405.27	-6.00
632120.02	1831384.15	-5.98
632282.62	1839043.14	-43.07

632254.42	1839023.61	-42.90
632235.72	1839009.20	-42.43
632211.54	1838986.13	-42.37
632284.03	1837918.85	-41.00
632266.85	1837906.24	-40.61
632236.33	1837883.40	-40.02
632219.39	1837870.13	-39.57
632202.20	1837858.46	-39.40
632294.33	1836841.68	-36.41
632263.90	1836827.77	-36.22
632233.23	1836812.19	-36.02
632214.84	1836802.77	-35.16
632295.64	1835744.93	-31.25
632269.86	1835728.54	-30.84
632241.51	1835711.36	-30.54
632217.70	1835698.38	-29.82
632199.52	1835688.59	-29.49
632290.24	1834695.35	-25.10
632273.62	1834684.00	-24.59
632256.53	1834673.15	-24.10
632232.11	1834658.84	-23.82
632213.54	1834650.96	-23.27
632275.25	1833642.72	-19.47
632291.77	1833654.16	-19.18
632254.73	1833628.51	-19.13
632236.99	1833616.44	-18.55
632205.60	1833598.24	-18.49
632297.54	1832583.28	-15.95
632266.07	1832562.62	-15.60
632248.91	1832552.12	-15.47
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632206.86	1832529.28	-15.18
632283.93	1831481.89	-10.16
632266.77	1831470.09	-9.17
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632228.86	1831449.95	-7.57
632208.70	1831440.93	-7.52
632300.90	1839057.09	-43.33
632387.65	1838001.52	-41.82
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632306.41	1837936.63	-40.82
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632382.99	1836892.68	-37.81
632357.62	1836878.90	-37.62
632338.76	1836868.46	-37.37
632315.69	1836853.18	-36.73
632390.28	1835802.03	-33.05
632367.69	1835789.59	-32.67
632342.49	1835775.13	-31.96
632324.24	1835764.16	-31.68
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632326.27	1834722.11	-25.62
632309.87	1834709.26	-25.38
632374.63	1833696.58	-20.66
632353.94	1833686.20	-20.26
632333.21	1833677.19	-19.91
632308.54	1833665.34	-19.63
632325.15	1832603.99	-16.54
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632342.46	1830361.29	-6.18
632396.66	1830402.84	-6.13
632359.51	1830374.63	-6.12

632375.75	1830388.25	-6.06
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632471.26	1838030.89	-42.99
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632456.35	1834810.15	-27.91
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632472.47	1833758.63	-22.52
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632671.95	1837063.04	-40.32
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632657.99	1835940.07	-36.92
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632674.68	1834928.27	-31.91
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632778.69	1831764.96	-16.69
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633335.34	1833169.40	-31.53
633360.43	1833182.91	-31.52
633315.44	1833160.26	-30.63
633397.16	1832100.93	-26.09
633378.34	1832089.29	-25.73
633360.47	1832078.60	-25.58
633340.26	1832065.76	-25.33

633322.61	1832055.33	-24.65
633390.96	1830984.45	-19.54
633373.34	1830974.36	-19.02
633308.62	1830936.83	-18.89
633326.74	1830946.50	-18.82
633356.12	1830963.47	-18.80
633376.77	1829896.74	-15.80
633357.83	1829882.76	-15.75
633338.27	1829869.77	-15.53
633316.58	1829866.83	-15.01
633381.95	1828822.53	-10.15
633363.95	1828812.66	-9.33
633340.29	1828801.06	-8.60
633321.52	1828791.74	-8.02
633415.35	1836390.22	-44.22
633483.68	1835392.97	-41.83
633460.92	1835381.86	-41.75
633443.39	1835371.20	-41.52
633418.95	1835355.25	-41.34
633492.68	1834354.41	-38.79
633474.86	1834344.80	-38.56
633451.66	1834331.79	-38.36
633434.61	1834321.09	-38.08
633409.85	1834302.60	-37.89
633484.01	1833260.97	-33.69
633467.85	1833248.06	-33.36
633449.71	1833235.03	-33.05
633431.79	1833223.91	-32.58
633414.57	1833212.60	-32.38
633495.45	1832167.20	-28.25
633475.77	1832153.58	-27.57
633457.47	1832141.21	-27.30
633439.56	1832128.62	-26.96
633422.69	1832116.89	-26.44
633496.83	1831049.92	-21.87
633477.40	1831038.69	-21.43
633459.77	1831028.16	-20.73
633442.86	1831016.84	-20.52
633408.15	1830994.89	-19.85
633425.00	1831006.62	-19.75
633480.20	1829960.58	-16.15
633457.86	1829947.04	-16.01
633400.88	1829912.24	-15.89
633440.61	1829936.31	-15.86
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633474.87	1828876.84	-13.19
633456.83	1828867.47	-12.60
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633486.06	1827797.39	-6.69
633443.31	1827777.33	-5.95
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633597.70	1835461.62	-42.86
633538.28	1835422.20	-42.40
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633502.26	1835402.04	-41.65
633589.23	1834410.64	-40.19
633565.47	1834397.91	-39.83
633541.89	1834384.66	-39.76
633515.56	1834368.63	-39.35
633580.15	1833330.45	-35.06
633534.49	1833297.63	-34.86
633555.88	1833313.65	-34.74
633517.19	1833285.74	-34.38
633499.82	1833273.53	-33.94
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633522.57	1831062.17	-22.19
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633596.13	1828947.72	-14.10
633559.76	1828920.91	-14.02
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633522.34	1828899.11	-13.71
633500.92	1828888.83	-13.54
633562.74	1827854.17	-7.68
633529.18	1827829.79	-7.37
633544.91	1827842.15	-7.00
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633684.79	1835507.30	-43.65
633663.05	1835496.73	-43.44
633625.43	1835476.25	-43.19
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633692.16	1834460.29	-40.59
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633671.18	1833377.12	-36.99
633652.23	1833369.97	-36.15
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633669.24	1830065.72	-18.37
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633657.23	1828988.81	-14.49
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633638.53	1828975.94	-14.27
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633662.19	1827912.72	-6.09
633597.80	1827876.20	-5.50
633644.54	1827902.82	-5.48
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633704.85	1835515.08	-43.36
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633756.78	1834491.97	-41.35
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633785.28	1833427.39	-38.28
633746.27	1833405.26	-38.21
633765.36	1833416.47	-37.48
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633704.28	1833390.20	-36.98
633791.76	1832330.47	-33.65
633773.98	1832319.09	-33.40
633756.62	1832308.73	-33.20
633738.87	1832297.29	-32.52
633715.36	1832283.85	-32.14

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633783.66	1830130.63	-20.10
633762.86	1830117.16	-20.07
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633888.63	1830197.62	-21.75
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633881.34	1826919.84	-6.66
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633999.47	1828080.55	-14.55
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634191.81	1833674.52	-41.98
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634150.62	1833655.13	-41.59
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634157.38	1832554.43	-40.13
634133.19	1832540.19	-38.82

634114.58	1832531.43	-38.50
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634182.23	1830359.63	-27.22
634160.86	1830347.37	-26.88
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634146.01	1829263.42	-19.34
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634108.43	1829238.67	-18.96
634173.25	1828187.66	-16.35
634151.81	1828172.37	-16.24
634197.54	1828204.93	-16.17
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634103.37	1828140.65	-15.37
634196.87	1827126.17	-10.96
634180.65	1827114.30	-10.33
634164.46	1827102.22	-9.67
634148.17	1827089.88	-9.34
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634114.61	1827066.88	-8.61
634158.76	1826057.94	-6.27
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634119.05	1826060.18	-5.03
634176.91	1826066.47	-3.27
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634210.77	1833683.21	-42.53
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634222.64	1832587.40	-39.61
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634443.54	1829439.80	-24.89
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634471.78	1828368.23	-19.68
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634673.46	1832847.98	-43.37
634604.67	1832814.78	-43.02
634647.98	1832836.77	-43.00
634629.64	1832828.39	-42.99
634657.07	1831721.86	-39.86
634675.96	1831733.74	-39.50
634626.11	1831702.73	-39.49
634607.80	1831693.56	-38.62
634676.56	1830643.90	-35.73
634641.50	1830624.47	-35.25
634620.08	1830611.57	-34.74
634602.66	1830600.34	-34.26
634696.34	1829582.82	-30.71
634678.59	1829572.72	-30.15
634661.47	1829562.20	-29.54
634644.72	1829551.01	-29.25
634623.15	1829538.05	-28.88
634696.46	1828495.98	-23.16
634670.17	1828480.97	-22.70
634638.22	1828462.83	-22.22
634616.69	1828450.69	-21.87
634684.09	1827405.42	-17.51
634644.38	1827382.58	-17.37
634666.46	1827395.66	-16.78
634626.00	1827372.43	-16.60
634606.37	1827361.38	-16.31
634696.40	1826372.08	-13.61
634673.32	1826358.78	-13.34
634612.88	1826328.73	-12.97
634652.33	1826347.98	-12.95
634634.29	1826339.07	-12.73
634682.53	1825250.76	-4.04
634652.86	1825231.19	-3.90
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634616.70	1825205.37	-3.20
634699.41	1832858.86	-44.30
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634788.86	1832901.23	-43.93

634766.04	1832891.21	-43.81
634722.78	1832869.92	-43.81
634765.83	1831777.91	-40.67
634783.36	1831789.22	-40.61
634698.69	1831745.19	-40.38
634747.51	1831768.90	-40.25
634727.11	1831759.75	-40.10
634781.26	1830704.37	-37.26
634763.76	1830693.63	-37.06
634745.66	1830682.80	-36.78
634727.59	1830671.73	-36.35
634703.22	1830658.41	-36.16
634783.53	1829632.30	-32.94
634765.54	1829621.92	-32.41
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634724.46	1829599.25	-31.34
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634761.51	1828529.63	-23.84
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634765.19	1827451.80	-18.16
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634706.43	1827418.39	-17.35
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634753.91	1826393.46	-14.84
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634761.75	1825302.70	-6.45
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634717.63	1825275.39	-4.85
634699.42	1825263.13	-4.22
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634804.17	1831802.51	-41.07
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634845.96	1830744.82	-38.45
634827.97	1830733.62	-38.25
634801.50	1830716.97	-37.73
634879.26	1829688.81	-35.14
634861.51	1829678.69	-34.37
634843.78	1829668.41	-33.92
634825.62	1829657.86	-33.53
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634859.80	1828582.21	-25.42
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634802.12	1828549.78	-24.59
634888.34	1827519.80	-20.18
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634852.86	1827500.07	-19.20
634834.27	1827489.69	-18.88
634816.58	1827480.00	-18.79
634845.31	1826463.97	-15.91
634872.86	1826477.80	-15.81
634803.65	1826436.10	-15.18
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634896.40	1825385.09	-11.45
634878.82	1825374.32	-11.01
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634843.22	1825351.91	-9.58
634825.46	1825342.59	-8.81
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634956.04	1830817.98	-40.29
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634968.28	1826528.18	-15.99
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634979.13	1824349.78	-4.40
635077.30	1831954.16	-43.50
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635055.67	1831948.32	-43.18
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635020.47	1828692.25	-27.44
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635064.25	1827621.91	-22.36
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635187.37	1830938.90	-42.27
635145.18	1830922.89	-42.09
635167.22	1830931.53	-41.89
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635151.04	1828769.14	-29.36
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635163.05	1827680.76	-24.15
635139.91	1827666.87	-24.03
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635197.17	1825557.41	-15.44
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635130.15	1825512.21	-14.73
635175.47	1824463.44	-6.84
635141.77	1824442.63	-6.73
635124.61	1824431.45	-6.64
635223.25	1832034.70	-43.93
635244.35	1830961.98	-42.91
635265.49	1830972.06	-42.88
635285.80	1830983.82	-42.80
635213.09	1830948.96	-42.71
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635274.42	1829913.94	-40.75
635249.24	1829901.16	-40.72
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635210.52	1829878.20	-39.95
635296.26	1828824.28	-31.26
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635290.24	1827756.06	-26.61
635270.32	1827747.41	-26.10
635248.46	1827733.45	-25.93
635230.92	1827721.43	-25.49
635213.28	1827710.13	-25.04
635286.86	1826725.47	-20.56
635271.73	1826709.75	-20.17
635256.22	1826695.67	-19.79
635234.15	1826679.34	-19.66
635217.33	1826668.12	-19.38
635262.10	1825595.23	-16.90
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635284.02	1825607.30	-16.48
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635308.59	1830999.55	-42.91
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635312.91	1829931.71	-41.23
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635355.12	1827778.46	-27.36
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635334.76	1827772.79	-26.87
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635373.13	1825660.90	-16.99
635328.43	1825632.49	-16.77
635309.89	1825621.90	-16.31
635379.18	1824591.17	-13.14
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635318.30	1823435.17	-5.96
635333.96	1823447.70	-5.58
635302.59	1823421.32	-5.49
635351.65	1823459.65	-4.41
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635476.50	1831115.22	-44.25
635448.98	1831100.07	-44.16
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635449.51	1830013.84	-42.65
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635481.19	1828952.67	-35.11
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635494.72	1827868.49	-29.88
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635403.23	1826793.12	-22.58
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635464.12	1825711.85	-18.33
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635553.72	1828997.14	-36.78
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635723.38	1829103.84	-39.63
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635709.98	1824757.15	-16.49
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635887.13	1830264.64	-44.48
635855.74	1830248.58	-44.45
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635801.41	1830225.57	-43.85
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635846.21	1829168.54	-41.19
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635860.47	1828088.02	-34.65
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635823.20	1828070.67	-34.07
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635859.56	1827043.73	-31.31
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635873.40	1825940.13	-23.93
635854.19	1825932.88	-23.38
635832.47	1825925.24	-23.09
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635809.53	1823747.14	-13.66
635850.62	1823771.52	-13.62
635827.01	1823757.59	-13.52
635806.31	1822634.64	-7.42
635836.79	1822655.61	-7.29
635853.73	1822666.28	-6.21
635871.83	1822676.44	-5.29
635905.55	1830273.85	-44.96
635931.67	1830287.54	-44.68
635994.49	1829228.31	-42.84
635960.67	1829214.86	-42.74
635937.99	1829206.18	-42.28
635907.70	1829195.14	-41.99
635963.52	1828141.33	-37.35
635997.24	1828165.21	-37.33
635979.85	1828153.00	-37.05
635936.97	1828125.63	-36.51
635917.85	1828115.00	-36.00
635897.76	1828104.71	-35.67
635974.77	1827118.69	-33.34
635953.80	1827105.55	-32.73
635933.90	1827091.65	-32.40
635909.77	1827073.58	-32.03
635993.81	1826003.81	-25.89
635975.51	1825992.81	-25.34
635957.98	1825982.26	-24.88
635927.54	1825963.91	-24.86
635980.28	1824915.12	-19.34
635953.15	1824902.36	-19.13
635934.29	1824893.49	-18.89
635914.70	1824883.96	-18.64
635995.89	1823845.92	-15.49
635977.63	1823836.72	-14.95
635957.43	1823835.50	-14.84
635940.60	1823824.19	-14.71
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635899.29	1822691.80	-5.58
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636059.84	1829264.22	-43.11
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636017.29	1828177.53	-37.93
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636031.00	1827147.22	-34.23
636054.03	1827158.19	-34.22
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636076.08	1826061.69	-26.82
636038.52	1826035.95	-26.53
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636063.88	1824969.77	-20.60
636047.06	1824958.26	-20.41
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636060.53	1823884.23	-16.06

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636193.99	1829362.77	-44.28
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636161.45	1827216.96	-35.84
636142.16	1827205.12	-35.46
636123.98	1827194.80	-35.12
636100.80	1827182.51	-34.89
636190.39	1826129.80	-28.44
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636147.34	1826105.36	-27.94
636122.39	1826089.76	-27.71
636189.68	1825044.58	-22.66
636170.53	1825034.37	-22.29
636152.16	1825025.39	-22.00
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636226.55	1825063.53	-23.17
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636666.08	1822066.95	-14.69
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637147.38	1823405.05	-26.11
637125.91	1823393.97	-25.68
637104.32	1823383.20	-25.35
637195.18	1822371.90	-21.13
637177.03	1822363.13	-20.84
637157.45	1822354.37	-20.56
637133.01	1822343.13	-20.40
637102.04	1822328.16	-19.80
637098.85	1821234.77	-16.37
637118.70	1821247.29	-16.07
637136.40	1821258.50	-16.04
637180.30	1821287.71	-16.01
637156.78	1821271.54	-15.96
637192.02	1820233.97	-12.93
637165.35	1820216.95	-12.47
637147.92	1820206.33	-11.96
637128.85	1820195.65	-11.58
637107.66	1820184.98	-11.05
637134.78	1819092.18	-5.68
637169.87	1819107.86	-5.67
637186.68	1819119.25	-5.24
637111.40	1819097.42	-5.08
637295.85	1826769.40	-44.42
637270.83	1826752.71	-44.39
637250.17	1826739.74	-44.37
637214.15	1826717.30	-43.85

637232.48	1826729.71	-43.76
637287.77	1825672.00	-40.94
637261.81	1825657.50	-40.71
637238.04	1825645.59	-40.70
637216.52	1825634.44	-40.41
637268.99	1824580.74	-31.01
637210.49	1824542.47	-30.90
637246.52	1824566.89	-30.86
637229.53	1824555.98	-30.64
637285.48	1824592.06	-30.40
637282.45	1823487.37	-28.51
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637232.71	1823453.11	-27.45
637209.01	1823438.27	-27.08
637285.64	1822432.18	-22.42
637267.53	1822421.07	-22.01
637251.01	1822409.19	-21.86
637231.93	1822394.71	-21.67
637212.62	1822381.77	-21.50
637283.65	1821341.63	-17.75
637233.45	1821319.53	-17.31
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637293.85	1820280.66	-14.10
637265.95	1820280.24	-14.05
637248.36	1820269.88	-13.72
637228.33	1820257.45	-13.59
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637207.36	1819133.42	-4.67
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637225.98	1819147.24	-4.11
637324.32	1826790.02	-44.90
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637305.39	1825682.36	-41.44
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637376.23	1822479.53	-23.54
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637324.56	1819214.69	-6.58
637394.18	1819252.45	-6.47
637306.58	1819205.21	-6.24
637487.98	1825780.53	-42.46
637463.36	1825768.29	-42.09
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637398.37	1825734.13	-41.85
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637592.44	1823655.98	-32.73
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637502.87	1823601.94	-31.24
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637509.87	1822561.84	-25.35
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637585.94	1820452.06	-16.34
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637509.24	1820424.91	-15.71
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637551.50	1819350.74	-11.38
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637515.34	1819331.47	-10.32
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637857.42	1823822.94	-37.58
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638123.22	1819653.23	-18.15
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638237.32	1817586.98	-11.19
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638487.26	1820973.90	-29.05
638470.29	1820962.13	-28.91
638451.75	1820950.19	-28.76
638424.94	1820932.15	-28.20
638403.35	1820917.59	-27.96
638480.82	1819868.97	-23.87
638449.69	1819854.39	-23.49
638429.80	1819845.62	-23.10
638408.98	1819834.89	-22.75
638478.11	1818802.52	-18.47
638460.82	1818792.34	-18.16
638443.13	1818780.75	-17.72
638426.72	1818769.11	-17.50
638405.34	1818754.53	-17.41
638495.17	1817726.04	-15.43
638473.20	1817712.72	-15.07
638436.24	1817697.77	-14.92
638455.55	1817703.23	-14.83
638415.24	1817688.40	-14.78
638495.28	1816668.19	-9.59
638476.63	1816657.87	-9.10
638455.97	1816645.37	-8.05
638437.74	1816633.73	-7.49
638420.25	1816621.70	-6.85
638402.92	1816609.91	-6.15
638503.58	1824189.60	-44.89
638521.06	1824200.74	-44.83
638595.88	1823184.51	-41.60
638567.62	1823168.82	-41.49
638518.05	1823140.50	-41.46
638536.76	1823151.07	-41.38
638580.03	1822086.91	-34.08
638561.33	1822078.10	-33.75
638542.19	1822068.82	-33.37
638522.12	1822059.78	-33.20
638502.07	1822049.21	-32.74
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638577.58	1821033.91	-30.42
638558.95	1821021.31	-29.83
638525.12	1820998.82	-29.73
638506.94	1820987.86	-29.13
638591.43	1819925.19	-25.40
638571.74	1819914.80	-25.08
638553.55	1819905.93	-24.91
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638504.70	1819881.32	-24.37
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638591.99	1818867.23	-19.91
638549.96	1818841.00	-19.60
638532.19	1818831.01	-19.36
638513.79	1818821.76	-18.88
638593.32	1817784.13	-16.06

638576.48	1817772.94	-15.78
638524.58	1817743.45	-15.59
638558.76	1817762.14	-15.51
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638553.02	1816699.59	-10.78
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638696.12	1823248.36	-43.20
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638618.70	1818882.92	-20.31
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638607.24	1816728.76	-11.33
638647.46	1815608.18	-8.15
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638781.48	1822207.61	-38.04
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638781.38	1815699.40	-5.33
638803.43	1823313.37	-43.95
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638802.52	1822219.17	-38.59
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638862.99	1817935.57	-18.53
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638992.85	1816959.97	-16.26

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639007.44	1820177.28	-31.49
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639091.71	1818072.31	-22.51
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639150.51	1819185.38	-28.16
639099.05	1819153.89	-27.56
639182.04	1818139.96	-23.62
639162.24	1818127.25	-23.44

639145.53	1818114.89	-23.12
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639112.85	1818088.25	-22.54
639192.48	1817082.52	-18.34
639167.51	1817069.10	-18.22
639136.47	1817044.57	-18.22
639120.88	1817030.55	-17.35
639105.56	1817017.44	-17.20
639197.39	1815901.13	-15.11
639156.22	1815885.34	-15.03
639175.23	1815892.03	-14.98
639135.98	1815881.55	-14.87
639107.58	1815871.69	-14.30
639196.19	1814892.96	-7.59
639109.11	1814841.83	-6.96
639178.00	1814881.80	-6.89
639160.17	1814871.29	-6.22
639129.74	1814854.05	-6.05
639206.54	1822445.76	-44.69
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639254.30	1821423.98	-39.28
639237.35	1821412.90	-39.10
639219.64	1821402.86	-38.51
639198.06	1821391.45	-38.13
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639269.72	1820321.73	-35.23
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639222.82	1820284.11	-34.52
639290.18	1819274.96	-30.36
639266.88	1819262.06	-29.80
639239.64	1819245.20	-29.61
639214.49	1819229.36	-29.42
639283.22	1818197.20	-25.24
639264.35	1818188.45	-24.93
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639220.62	1818164.78	-24.45
639199.66	1818151.39	-24.16
639280.17	1817113.50	-19.35
639261.20	1817105.24	-19.12
639236.87	1817097.20	-18.73
639217.56	1817091.27	-18.52
639292.87	1815968.90	-15.65
639276.34	1815956.43	-15.51
639247.46	1815934.42	-15.47
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639279.66	1814945.60	-10.24
639261.57	1814935.90	-9.45
639244.17	1814925.19	-8.79
639227.25	1814913.95	-8.21
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639328.58	1821461.25	-41.52
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639348.13	1820380.06	-36.57
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639393.02	1819327.59	-31.78
639359.67	1819310.41	-31.15
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639318.59	1819291.01	-30.33
639396.07	1818246.83	-26.90
639371.06	1818235.89	-26.69
639352.30	1818227.60	-26.07
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639307.77	1818208.17	-25.55

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639352.74	1817150.85	-20.69
639334.83	1817141.78	-20.30
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639373.66	1816018.69	-16.44
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639431.43	1820415.53	-37.38
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639451.26	1819366.89	-32.57
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639412.11	1817185.23	-21.42
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639453.04	1816063.62	-17.23
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639449.61	1815044.65	-14.55
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639472.14	1813960.09	-6.60
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639500.90	1819399.31	-33.21
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639550.77	1818342.42	-29.34
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639548.98	1817279.36	-23.50
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639544.27	1816124.29	-18.28
639526.99	1816110.07	-17.83
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639583.33	1815110.84	-15.38
639549.18	1815097.18	-15.06
639530.97	1815088.37	-14.77
639513.20	1815078.91	-14.40
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639515.58	1813230.39	-8.37
639532.31	1813243.25	-8.21
639549.23	1813254.44	-8.02
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639569.72	1813266.37	-7.68
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639645.99	1820549.36	-40.78
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639613.53	1820521.58	-39.94
639688.24	1819497.05	-35.21
639650.96	1819477.73	-34.90
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639605.45	1817318.95	-24.43
639693.04	1816200.09	-20.08
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639637.79	1816172.93	-19.30
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639692.36	1815171.56	-15.88
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639690.26	1813340.02	-7.60
639671.14	1813326.64	-7.48
639603.82	1813286.05	-7.09
639652.12	1813314.01	-6.99
639631.13	1813301.48	-6.85
639793.41	1820636.85	-42.86
639765.24	1820623.14	-42.78
639737.96	1820609.65	-42.64
639714.83	1820597.26	-42.11
639779.14	1819543.28	-36.23

639761.02	1819532.52	-35.80
639707.70	1819505.71	-35.70
639738.25	1819520.49	-35.64
639797.27	1818484.29	-33.03
639773.48	1818469.97	-32.67
639748.32	1818454.39	-32.25
639730.79	1818443.35	-31.89
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639780.51	1817412.62	-27.08
639726.59	1817380.29	-26.82
639749.38	1817393.24	-26.82
639790.37	1816262.24	-21.62
639770.91	1816247.83	-21.30
639752.52	1816234.79	-20.85
639733.12	1816222.18	-20.62
639713.19	1816210.63	-20.58
639781.20	1815229.03	-16.73
639739.91	1815201.18	-16.54
639760.35	1815214.95	-16.51
639714.96	1815185.68	-16.20
639752.90	1814099.25	-14.58
639781.62	1814111.81	-14.45
639797.45	1814126.63	-14.36
639723.00	1814088.50	-14.00
639702.70	1814082.38	-13.30
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639778.89	1813402.38	-6.70
639706.96	1813352.10	-6.43
639761.59	1813391.37	-6.12
639744.98	1813379.33	-5.36
639723.62	1813363.94	-5.12
639878.85	1820681.88	-43.94
639859.30	1820671.30	-43.41
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639893.86	1819628.46	-37.63
639872.37	1819614.47	-37.41
639853.10	1819601.43	-37.29
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639798.62	1819557.32	-36.83
639820.55	1819575.91	-36.76
639864.66	1818524.54	-33.96
639838.89	1818507.94	-33.61
639820.25	1818496.51	-33.11
639885.66	1817482.60	-28.82
639857.93	1817465.69	-28.41
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639854.44	1816301.84	-22.65
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639896.35	1814194.72	-15.24
639879.13	1814182.28	-15.06
639846.87	1814162.75	-14.89
639829.59	1814152.53	-14.82
639812.71	1814139.83	-14.69
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639862.35	1813448.81	-9.93
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639937.80	1818566.44	-34.68
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639931.22	1817505.79	-29.49
639906.17	1817492.65	-29.21
639986.26	1816372.95	-24.63
639967.54	1816360.22	-24.29
639948.12	1816348.82	-24.10
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639910.92	1816329.26	-23.21
639996.39	1815361.03	-19.50
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639931.74	1815328.39	-18.69
639954.18	1815341.91	-18.54
639913.35	1815316.36	-18.31
639990.04	1814263.06	-15.79
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639952.71	1813496.21	-13.19
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640018.85	1815370.62	-19.91
640081.98	1814303.07	-16.52
640045.33	1814285.60	-16.42
640010.17	1814271.19	-15.89
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639999.03	1813519.62	-14.11
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640212.97	1818727.05	-38.33
640295.44	1817704.83	-34.88
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640267.19	1814396.17	-18.32
640242.99	1814388.61	-17.91
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640297.60	1812473.33	-10.98
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640360.03	1816608.98	-30.73
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640463.80	1816673.66	-32.28
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640456.84	1814529.41	-21.17
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640476.68	1813795.29	-17.62
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640803.53	1816848.99	-37.01
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640907.65	1818055.31	-43.27
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642117.19	1810067.30	-18.47
642181.65	1809000.12	-15.83
642164.64	1808988.84	-15.64
642143.69	1808976.97	-15.59
642119.32	1808964.70	-15.43
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642135.50	1807923.07	-6.88
642117.34	1807913.54	-6.26
642098.57	1807904.36	-5.66
642181.90	1806836.62	-4.89

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642233.13	1814811.31	-43.04
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642295.31	1813612.28	-39.36
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642261.93	1812402.82	-32.78
642243.96	1812393.68	-32.64
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642199.57	1812371.34	-31.71
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642258.20	1811259.77	-26.49
642237.87	1811247.97	-26.09
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642288.95	1810164.52	-21.05
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642246.63	1810135.00	-20.38
642224.79	1810121.67	-20.20
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642253.38	1809042.73	-16.61
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642255.65	1806880.18	-7.56
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643172.17	1809563.52	-29.33
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643171.72	1808519.59	-23.53
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643256.31	1806382.74	-15.43
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643251.13	1805223.87	-6.60
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643409.06	1807534.23	-20.90
643476.52	1806522.46	-17.71
643459.75	1806510.65	-16.94
643442.82	1806498.72	-16.86
643425.95	1806487.62	-16.56
643481.82	1805368.70	-13.93
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643443.37	1805350.79	-13.25
643422.04	1805341.99	-12.88
643482.93	1804173.70	-9.03
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644771.32	1807266.85	-37.47
644753.49	1807257.24	-37.03
644731.05	1807242.80	-36.58
644712.26	1807229.61	-36.41
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644763.94	1806097.23	-30.45
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644722.60	1803970.65	-18.59

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644796.32	1802918.67	-15.79
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644713.47	1802871.96	-15.16
644736.73	1802883.90	-15.10
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644897.46	1807336.79	-39.34
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644818.37	1806131.04	-31.61
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644887.78	1804066.19	-20.75
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644903.73	1806190.12	-33.14
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644925.41	1805026.38	-26.13
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645132.98	1806321.80	-36.72
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645189.67	1805178.89	-31.07
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646041.52	1802678.13	-27.30
646017.14	1802663.61	-26.94
645999.74	1802653.31	-26.40
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646071.18	1801422.82	-21.29
646050.66	1801410.45	-21.04
646028.75	1801397.26	-20.60
646087.07	1800429.03	-17.68
646058.43	1800410.57	-17.51
646036.13	1800395.36	-17.45
646019.59	1800384.06	-16.82
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646069.94	1799387.65	-14.22
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646197.45	1803742.73	-36.41
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646123.32	1803698.24	-34.93
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646176.47	1802753.39	-29.55
646158.34	1802744.92	-29.34
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647362.96	1795637.47	-6.62
647344.47	1795629.19	-6.01
647316.75	1795616.52	-5.74
647298.47	1795607.23	-5.21
647493.60	1802239.81	-43.40
647454.24	1802218.17	-43.17
647472.36	1802227.92	-42.99

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647458.60	1801201.94	-38.50
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647458.32	1800181.18	-32.19
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651224.54	1787151.04	-10.05
651207.03	1787140.64	-9.60
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651307.59	1794598.78	-46.62
651328.77	1794615.16	-46.59
651364.33	1794648.52	-46.57
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651360.56	1793529.97	-43.95
651380.31	1793540.45	-43.75
651324.14	1793509.65	-43.61
651341.50	1793519.88	-43.51
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651381.61	1792574.94	-39.99
651362.86	1792563.49	-39.84
651345.37	1792552.47	-39.83
651325.09	1792541.58	-39.40
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651391.74	1791482.67	-33.80
651371.56	1791472.34	-33.18
651353.32	1791461.97	-32.98
651334.13	1791449.75	-32.56
651314.40	1791437.94	-32.48
651397.54	1790314.05	-26.78
651378.45	1790304.20	-26.25
651359.36	1790294.82	-25.88
651340.08	1790284.20	-25.51
651322.43	1790273.13	-25.37
651304.69	1790260.70	-25.28
651383.79	1789257.63	-20.94
651360.16	1789244.96	-20.82
651342.83	1789233.43	-20.56
651300.41	1789206.56	-20.16
651326.17	1789222.31	-20.12
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651383.92	1785978.68	-11.66
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651345.18	1785965.65	-7.21
651325.28	1785963.58	-6.66
651305.85	1785969.05	-5.93
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651416.45	1793560.76	-44.55
651443.22	1793575.33	-44.52
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651433.68	1792603.63	-40.97
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651524.89	1793628.61	-45.50
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651548.42	1792671.16	-42.44
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651559.97	1791579.76	-36.77
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651588.97	1787367.64	-16.30
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651613.40	1790441.62	-30.55
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651822.31	1790556.90	-34.13
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651984.71	1792927.77	-46.38
651959.66	1792915.14	-46.27
651939.96	1792904.06	-46.23
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651988.19	1791824.77	-42.88

651960.07	1791808.49	-42.59
651940.57	1791798.12	-42.30
651920.17	1791786.41	-42.16
651997.59	1790659.95	-37.06
651976.91	1790649.54	-36.88
651958.46	1790639.62	-36.60
651940.85	1790628.83	-36.08
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651900.05	1790604.72	-35.47
651979.63	1789596.82	-30.26
651960.89	1789586.44	-29.96
651932.98	1789571.62	-29.45
651914.48	1789560.91	-29.35
651995.57	1788566.40	-24.24
651976.15	1788556.67	-24.15
651957.03	1788544.87	-23.79
651940.73	1788532.78	-23.51
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651988.45	1787608.00	-19.95
651969.56	1787597.36	-19.69
651951.86	1787586.83	-19.57
651931.26	1787573.48	-19.53
651992.91	1786309.03	-15.99
651964.68	1786296.68	-15.98
651945.73	1786288.77	-15.78
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651948.09	1785211.44	-6.20
651930.80	1785200.96	-5.67
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652004.43	1792935.86	-46.25
652090.05	1791887.68	-43.92
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652044.95	1786341.60	-15.95
652010.15	1786319.24	-15.88
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652142.17	1788657.11	-26.50
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652441.32	1787860.68	-26.08
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652475.09	1785518.94	-16.71
652457.88	1785508.16	-16.51
652402.07	1785469.57	-16.39
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652441.09	1785495.75	-16.27
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652540.51	1790977.08	-44.59
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652554.22	1789931.22	-40.19
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652533.82	1786641.51	-21.55
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653649.14	1782752.69	-16.63
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653612.49	1782732.49	-15.86
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653614.99	1781610.99	-8.32
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653707.84	1788609.32	-45.63
653791.29	1787362.33	-41.55
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653754.73	1787342.34	-41.23
653736.70	1787331.59	-40.88
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653736.04	1783942.16	-21.38
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656081.29	1778708.42	-21.37
656063.45	1778697.04	-21.17
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656026.72	1778671.69	-20.81
656007.88	1778658.90	-20.45
656083.37	1777758.31	-17.07
656021.69	1777723.18	-16.99
656065.62	1777747.23	-16.95
656044.95	1777735.67	-16.83
656002.63	1777713.14	-16.76
656092.07	1776712.26	-15.34
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656056.64	1776691.85	-14.73
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656193.16	1783108.52	-46.81
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656117.24	1783062.61	-45.99
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656162.19	1780941.22	-35.59
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656163.96	1779745.65	-27.54
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656351.65	1774546.57	-9.08
656334.28	1774535.02	-8.55
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657126.33	1780298.04	-44.53
657108.42	1780285.91	-44.12
657191.05	1779340.58	-40.56
657171.38	1779328.43	-40.28
657149.86	1779317.14	-39.96
657130.84	1779307.38	-39.67

657180.89	1778387.78	-34.45
657160.58	1778376.31	-34.25
657140.68	1778364.45	-33.85
657122.63	1778352.89	-33.24
657105.61	1778341.46	-32.83
657179.28	1777341.10	-27.84
657162.48	1777329.45	-27.66
657144.61	1777316.12	-27.26
657125.69	1777304.37	-26.91
657105.68	1777292.45	-26.56
657194.78	1776142.68	-22.53
657176.30	1776134.61	-22.03
657155.12	1776125.87	-21.52
657136.79	1776117.12	-21.15
657117.12	1776105.93	-21.06
657170.65	1775022.83	-18.39
657151.63	1775013.18	-17.82
657127.41	1775000.06	-17.73
657188.83	1774073.22	-15.85
657168.12	1774061.69	-15.83
657149.60	1774052.29	-15.57
657131.05	1774042.46	-15.18
657112.89	1774032.33	-14.95
657101.88	1772929.36	-9.71
657120.48	1772941.00	-8.96
657137.86	1772952.77	-7.96
657154.26	1772964.27	-5.67
657178.52	1772978.91	-5.02
657232.43	1783713.33	-52.24
657213.76	1783701.47	-52.00
657251.52	1780371.74	-45.79
657268.46	1780388.72	-45.72
657231.44	1780357.87	-45.65
657203.70	1780342.17	-45.34
657292.36	1779406.44	-42.18
657274.60	1779396.87	-41.92
657256.05	1779386.03	-41.68
657237.84	1779374.55	-41.40
657221.53	1779362.56	-41.01
657281.68	1778444.10	-36.26
657260.14	1778431.99	-35.95
657242.13	1778421.48	-35.89
657224.26	1778411.73	-35.36
657202.37	1778399.37	-35.02
657279.21	1777402.07	-29.64
657260.62	1777392.24	-29.35
657243.40	1777381.61	-28.98
657226.12	1777370.65	-28.59
657208.81	1777359.12	-28.39
657274.92	1776191.02	-23.36
657253.45	1776176.93	-23.33
657233.36	1776164.17	-23.17
657213.45	1776152.55	-22.87
657282.75	1775080.57	-19.11
657264.18	1775070.80	-18.79
657245.04	1775060.71	-18.74
657217.30	1775045.23	-18.41
657197.75	1775035.28	-18.19
657293.75	1774135.17	-16.89
657276.58	1774123.88	-16.53
657250.55	1774107.73	-16.40
657222.81	1774092.36	-16.31
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657264.72	1773029.58	-8.11
657244.10	1773016.80	-7.39
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657205.68	1772994.76	-5.95
657274.29	1772157.39	-5.71
657390.45	1779454.33	-43.35
657372.37	1779445.24	-43.26
657352.64	1779435.92	-43.01

657334.22	1779427.33	-42.75
657310.56	1779415.79	-42.45
657379.78	1778505.85	-38.44
657363.13	1778493.57	-38.20
657346.24	1778481.01	-37.84
657328.51	1778469.13	-37.44
657310.29	1778458.85	-36.93
657393.24	1777459.03	-31.96
657373.79	1777448.60	-31.57
657356.07	1777438.87	-30.96
657335.95	1777429.59	-30.64
657317.40	1777421.56	-30.43
657298.94	1777412.20	-29.97
657374.19	1776249.73	-24.96
657355.58	1776240.16	-24.41
657336.24	1776229.29	-23.94
657307.88	1776211.51	-23.49
657396.66	1775143.65	-20.29
657379.92	1775130.04	-19.93
657358.92	1775117.61	-19.75
657339.78	1775108.35	-19.55
657310.58	1775094.53	-19.30
657391.62	1774193.04	-17.34
657363.37	1774178.39	-17.18
657340.77	1774165.31	-16.97
657323.63	1774154.23	-16.83
657379.30	1773099.87	-12.28
657361.47	1773089.76	-11.38
657343.18	1773079.36	-10.90
657325.28	1773069.05	-10.47
657395.59	1772198.66	-10.19
657308.03	1773058.81	-9.72
657377.14	1772190.14	-9.64
657357.73	1772181.14	-8.91
657339.04	1772172.67	-7.94
657317.80	1772164.82	-7.58
657298.34	1772159.40	-6.72
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657467.68	1779504.35	-44.29
657451.37	1779492.47	-43.94
657432.50	1779479.07	-43.94
657415.47	1779468.20	-43.66
657497.43	1778581.39	-40.53
657480.21	1778571.13	-40.25
657462.33	1778560.37	-39.82
657445.30	1778549.57	-39.45
657424.78	1778535.73	-39.22
657404.34	1778522.42	-38.68
657494.39	1777523.32	-33.93
657477.18	1777510.51	-33.55
657458.35	1777497.84	-33.28
657441.20	1777486.29	-32.78
657423.02	1777474.87	-32.23
657497.13	1776336.28	-26.72
657480.29	1776324.97	-26.31
657454.81	1776305.92	-26.12
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657423.12	1776280.83	-25.69
657406.99	1776268.88	-25.43
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657480.01	1775214.37	-21.49
657463.24	1775202.71	-21.12
657438.49	1775182.19	-20.99
657422.47	1775166.98	-20.56
657471.49	1774238.15	-18.00
657453.80	1774227.37	-17.80
657436.25	1774217.70	-17.66
657415.78	1774206.70	-17.47
657490.41	1773160.57	-15.03
657472.88	1773150.82	-14.76
657455.11	1773140.99	-14.27

657436.76	1773130.99	-13.74
657418.89	1773121.60	-13.31
657401.13	1773112.19	-12.79
657426.91	1772212.63	-9.97
657446.30	1772219.17	-9.52
657464.79	1772227.56	-9.05
657482.56	1772236.86	-7.47
657547.47	1779555.90	-44.86
657526.79	1779545.69	-44.83
657506.64	1779532.80	-44.78
657581.02	1778630.00	-41.78
657563.06	1778619.45	-41.47
657544.70	1778608.93	-41.11
657526.58	1778598.52	-40.87
657580.11	1777575.63	-35.59
657561.19	1777566.88	-35.38
657542.95	1777556.83	-35.03
657525.72	1777546.06	-34.50
657596.45	1776390.51	-28.95
657577.21	1776381.09	-28.53
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657540.71	1776362.16	-27.61
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657660.33	1778674.66	-42.96
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657786.64	1773335.23	-17.38
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657728.78	1772384.03	-12.85
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657852.96	1778769.12	-45.22
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657870.18	1775426.27	-27.48
657852.68	1775416.06	-27.09
657834.19	1775405.79	-26.58
657806.75	1775392.53	-26.33
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657868.39	1774473.47	-22.09
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658229.29	1776743.05	-39.87
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658242.60	1775640.40	-34.14
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658222.37	1772677.40	-18.42
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658221.07	1770478.63	-6.60
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658370.50	1772753.25	-19.81
658345.18	1772741.27	-19.60
658326.33	1772732.75	-19.11
658393.73	1771736.24	-17.46
658354.62	1771713.37	-17.36
658374.74	1771725.12	-17.34
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658316.89	1771694.22	-16.53
658395.63	1770581.08	-10.66
658374.89	1770568.68	-10.18
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658335.08	1770545.50	-8.53
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658453.83	1776875.60	-43.20
658435.49	1776865.89	-42.96
658415.71	1776856.34	-42.77
658487.94	1775782.79	-38.91
658470.36	1775772.76	-38.31
658446.46	1775758.39	-38.04
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658409.28	1775736.09	-37.09
658476.27	1774821.50	-32.94
658495.56	1774833.40	-32.87
658459.08	1774810.74	-32.42
658440.38	1774799.04	-31.90
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658471.08	1773717.48	-25.64
658450.71	1773705.27	-25.46
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658513.75	1773740.97	-26.46
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659675.39	1768059.08	-13.82
659656.64	1768050.09	-13.31
659637.84	1768042.73	-12.95
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659757.35	1771344.10	-29.60
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665348.82	1754705.90	-7.90
665332.02	1754694.96	-7.44
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665489.96	1761356.95	-46.30
665464.76	1761336.70	-45.96
665442.39	1761319.38	-45.83
665427.59	1761305.54	-45.82
665413.64	1761290.95	-45.55

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665497.69	1760238.54	-41.24
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665482.98	1757975.43	-25.25
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665482.87	1756792.19	-18.93
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665502.27	1761378.96	-46.71
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668281.27	1750864.48	-18.02
668261.62	1750852.86	-17.94
668244.05	1750841.41	-17.72
668225.09	1750828.42	-17.61
668284.06	1749681.31	-14.38
668267.68	1749669.24	-13.80
668250.99	1749657.98	-13.22
668233.30	1749647.90	-12.62
668214.97	1749638.29	-12.12
668207.85	1748704.61	-9.11
668225.78	1748714.67	-8.91
668243.90	1748724.20	-6.90
668261.94	1748734.41	-4.49
668282.76	1748747.43	-4.40
668383.99	1755368.76	-46.73
668366.32	1755358.38	-46.69
668348.26	1755348.54	-46.48
668329.95	1755339.67	-46.14
668380.76	1754282.65	-37.77
668363.72	1754271.61	-37.42
668345.99	1754261.69	-37.25
668327.23	1754252.46	-37.07
668309.56	1754242.30	-36.93
668385.30	1752614.61	-29.94
668368.33	1752603.94	-29.61
668350.17	1752594.43	-29.35
668332.50	1752584.35	-28.89
668315.47	1752573.83	-28.47
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668349.77	1751932.65	-24.93
668332.33	1751921.92	-24.59
668314.49	1751911.93	-24.38
668382.91	1750925.12	-18.90
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668338.33	1749718.04	-15.62
668319.54	1749706.64	-15.17
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668359.95	1748793.33	-7.27
668342.21	1748782.33	-6.44
668321.83	1748770.91	-5.61
668303.61	1748759.95	-5.10
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668471.65	1755431.96	-46.83
668422.30	1755396.30	-46.59
668400.94	1755380.15	-46.58
668481.08	1754332.73	-39.10
668416.70	1754301.14	-39.04
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668462.73	1754323.59	-38.49
668398.16	1754293.23	-38.38
668478.79	1752681.36	-31.90
668458.94	1752670.89	-31.46
668442.12	1752659.46	-31.23
668426.10	1752646.92	-30.98
668408.85	1752633.27	-30.59
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668461.56	1752002.58	-26.96
668443.85	1751991.67	-26.77
668428.26	1751979.10	-26.28
668412.81	1751966.03	-25.85
668481.10	1750979.44	-20.02
668462.75	1750970.22	-19.83
668444.53	1750960.63	-19.52

668425.95	1750950.94	-19.36
668408.39	1750941.23	-19.15
668486.18	1749801.78	-16.94
668428.63	1749775.77	-16.82
668466.95	1749794.90	-16.73
668448.18	1749786.80	-16.64
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668472.22	1748865.82	-10.55
668450.29	1748853.36	-10.13
668433.56	1748841.68	-9.42
668416.86	1748829.89	-8.84
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668569.54	1752717.13	-33.59
668551.82	1752707.20	-33.35
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668512.22	1752693.23	-32.51
668582.58	1752067.53	-29.48
668565.13	1752057.31	-28.70
668546.62	1752044.05	-28.62
668528.86	1752034.60	-28.33
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668663.30	1751079.66	-22.89
668644.41	1751071.04	-22.57
668626.16	1751061.80	-22.38
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668696.37	1749931.21	-17.59
668650.82	1749913.56	-17.47
668676.82	1749924.72	-17.46

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669142.86	1751359.60	-32.47
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669147.46	1749246.72	-18.74
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669601.44	1752663.60	-44.13
669679.82	1751668.41	-40.76
669661.43	1751659.72	-40.59
669643.33	1751650.86	-40.41
669625.14	1751641.62	-40.29
669608.28	1751630.73	-39.96
669683.92	1750488.82	-34.25
669667.03	1750477.71	-33.70
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669633.10	1750454.10	-33.24
669615.13	1750445.30	-32.78
669680.60	1749555.57	-27.72
669663.20	1749545.24	-27.29
669646.38	1749533.73	-26.90
669629.50	1749522.20	-26.46
669611.20	1749511.60	-26.26
669697.48	1748320.52	-19.59
669679.21	1748311.40	-19.50
669660.74	1748302.91	-19.25
669643.34	1748292.97	-19.16
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669682.87	1746262.16	-8.06
669665.42	1746252.27	-7.42
669647.53	1746242.45	-7.07
669628.67	1746233.09	-6.66
669776.03	1751719.72	-41.71
669745.07	1751700.81	-41.60
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669841.41	1746361.86	-14.12
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671944.42	1747566.33	-42.55
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671950.73	1744202.52	-23.41
671932.94	1744192.53	-23.24
671914.45	1744183.77	-22.82
671983.79	1743123.57	-17.56
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671967.69	1743111.37	-17.26
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671918.44	1742024.54	-12.06
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672310.68	1744412.98	-30.89
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672370.64	1743348.12	-22.83
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672321.04	1743312.54	-22.16
672304.10	1743301.06	-21.87
672383.53	1742292.18	-17.13
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672482.59	1746862.28	-44.21
672446.16	1746842.99	-44.06
672414.53	1746826.05	-43.72
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672474.54	1745663.85	-39.56
672456.08	1745653.76	-39.38
672437.88	1745644.41	-39.15
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673845.83	1740934.66	-25.87
673831.39	1740920.71	-25.53
673812.98	1740906.45	-25.22
673897.65	1739851.85	-18.39
673839.87	1739809.43	-18.17
673880.51	1739838.65	-18.09
673822.44	1739799.03	-17.98
673856.67	1739821.56	-17.97
673895.90	1738696.68	-14.98

673877.64	1738686.28	-14.35
673859.19	1738675.96	-13.92
673841.89	1738665.55	-13.23
673822.67	1738654.24	-12.42
673804.35	1738643.30	-11.66
673893.30	1737581.77	-7.65
673873.33	1737577.75	-6.52
673853.65	1737583.54	-5.38
673981.58	1743215.34	-42.45
673964.12	1743205.48	-42.30
673946.61	1743195.02	-42.08
673928.95	1743184.98	-42.05
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673990.34	1742101.83	-37.03
673971.49	1742094.21	-36.47
673930.94	1742072.99	-36.41
673951.77	1742083.91	-36.40
673912.64	1742063.92	-35.90
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673960.29	1740985.42	-28.39
673941.07	1740979.36	-27.90
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673901.95	1740967.04	-27.17
673982.67	1739916.24	-19.79
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673917.09	1739867.09	-18.51
673974.91	1738733.77	-16.22
673956.46	1738724.35	-16.12
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674142.11	1743296.66	-43.88

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674193.35	1742210.59	-39.91
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674157.80	1742191.60	-39.26
674118.15	1742178.21	-39.08
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674121.82	1741102.70	-31.48
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674165.35	1740005.99	-23.29
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674165.72	1737752.21	-10.19
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674365.47	1741225.62	-35.36
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675429.60	1739586.16	-36.91
675411.21	1739577.53	-36.80
675483.43	1738483.47	-30.55
675464.92	1738475.03	-29.79
675447.54	1738464.86	-29.48
675413.15	1738447.66	-29.17
675482.19	1737414.20	-20.91
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675476.79	1735228.97	-6.19
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675549.97	1740804.90	-43.81
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677011.81	1735018.72	-22.48
677084.06	1733963.67	-16.98
677047.81	1733941.36	-16.87
677031.41	1733929.23	-16.82
677065.29	1733952.69	-16.80

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677183.44	1736202.05	-34.80
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677161.71	1735099.24	-25.71
677141.46	1735090.12	-25.40
677123.44	1735080.86	-25.19
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677195.25	1734007.70	-17.73
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677124.65	1733978.17	-17.33
677157.31	1733990.87	-17.24
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677123.64	1732928.96	-11.19
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678804.23	1734950.13	-40.85
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678861.50	1733925.20	-36.49
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680712.71	1728604.94	-16.15
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680736.64	1727612.20	-8.86
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680808.93	1731979.50	-39.57
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680840.37	1730795.09	-34.21
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680830.01	1729825.49	-27.42
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680860.82	1728705.71	-17.79
680837.34	1728690.57	-17.51
680818.18	1728677.13	-17.43
680801.42	1728665.15	-17.26
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680918.67	1730837.12	-33.70
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681455.50	1730195.05	-33.77
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681434.89	1730185.60	-33.36
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681420.02	1728022.11	-17.92
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681719.88	1729199.67	-30.52
681702.14	1729189.67	-30.23
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681715.31	1727051.23	-14.63
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681973.39	1729330.79	-32.27
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681954.50	1729323.51	-32.09
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681958.56	1728323.67	-26.57
681941.11	1728313.17	-26.11
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681962.40	1727213.50	-17.08
681942.03	1727200.12	-16.80
681926.16	1727187.77	-16.54
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681961.44	1726109.45	-8.35
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682014.56	1728358.65	-27.39
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682016.02	1727241.86	-17.79
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682322.75	1728532.53	-30.27
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682895.89	1728873.24	-34.08
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682855.57	1728855.42	-33.84
682837.29	1728845.21	-33.69
682810.69	1728826.04	-33.50
682839.52	1727715.18	-29.03
682895.10	1727759.16	-29.03
682855.18	1727727.83	-28.98
682872.79	1727741.70	-28.83
682823.33	1727702.86	-28.63
682806.45	1727691.47	-28.16
682883.23	1726628.78	-20.57
682862.08	1726617.30	-20.09
682845.15	1726606.51	-19.93
682828.80	1726594.54	-19.62
682812.82	1726581.54	-19.43
682874.52	1725677.26	-15.06
682829.16	1725639.20	-14.93
682858.77	1725664.29	-14.82
682936.12	1728888.82	-34.54
682975.32	1728907.29	-34.53
682956.10	1728896.58	-34.43
682917.13	1728881.42	-34.27
682992.64	1727817.30	-29.86
682974.23	1727806.88	-29.75
682955.95	1727796.23	-29.59
682910.99	1727771.98	-29.46
682928.51	1727783.48	-29.44
682984.56	1726694.34	-22.12
682968.16	1726681.23	-21.89
682951.22	1726669.69	-21.75
682933.75	1726658.85	-21.32
682911.22	1726646.28	-21.09
682983.64	1725754.33	-15.77
682958.84	1725738.05	-15.36
682930.22	1725716.25	-15.23
682913.80	1725704.47	-15.06
683088.33	1728985.20	-35.40
683071.53	1728974.19	-35.25

683050.00	1728959.21	-35.12
683033.94	1728947.04	-35.03
683017.53	1728934.64	-34.81
683000.21	1728923.22	-34.75
683088.19	1727850.54	-30.53
683030.97	1727834.00	-30.26
683011.56	1727826.33	-30.17
683068.34	1727844.85	-30.00
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683076.11	1726756.44	-23.40
683058.75	1726745.83	-23.27
683041.34	1726734.62	-23.10
683023.95	1726723.82	-22.70
683005.72	1726712.37	-22.55
683088.52	1725818.19	-16.02
683052.34	1725793.74	-15.73
683069.56	1725805.38	-15.66
683001.29	1725764.22	-15.46
683034.84	1725782.68	-15.45
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683138.18	1729011.46	-35.66
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683179.11	1727906.69	-30.67
683122.62	1727870.04	-30.44
683179.68	1726793.19	-24.88
683160.33	1726787.89	-24.37
683138.78	1726783.33	-24.19
683111.61	1726776.29	-24.07
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683128.11	1725843.88	-16.25
683152.32	1725857.57	-16.20
683110.49	1725833.23	-16.12
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683260.56	1727957.68	-31.38
683225.05	1727937.46	-31.36
683241.91	1727948.30	-31.12
683295.64	1726864.27	-25.85
683276.86	1726850.29	-25.73
683261.47	1726836.71	-25.63
683243.61	1726821.93	-25.38
683224.84	1726809.47	-25.29
683206.69	1726800.42	-24.99
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683242.69	1725890.93	-17.18
683260.97	1725900.22	-16.99
683220.68	1725883.65	-16.87
683392.56	1728035.37	-32.33
683374.16	1728025.13	-32.06
683333.05	1727998.27	-31.83
683355.96	1728013.69	-31.81
683303.44	1727981.44	-31.58
683380.35	1726923.45	-26.89
683363.43	1726912.20	-26.64
683346.64	1726900.54	-26.49
683329.47	1726888.47	-26.32
683312.51	1726876.00	-26.14
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683371.24	1725960.92	-17.98
683339.27	1725938.71	-17.90
683321.12	1725930.07	-17.60
683303.17	1725920.78	-17.44
683465.83	1728070.56	-32.81
683490.74	1728083.41	-32.66
683447.03	1728063.58	-32.40
683428.52	1728054.97	-32.19
683409.56	1728046.05	-32.03
683488.85	1726983.74	-27.90

683470.73	1726972.00	-27.71
683454.14	1726960.72	-27.62
683421.32	1726943.27	-27.39
683403.12	1726934.29	-27.04
683484.60	1726062.39	-19.54
683462.71	1726042.96	-19.46
683447.09	1726030.08	-19.38
683432.74	1726015.13	-19.20
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683528.92	1728099.86	-33.11
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683583.00	1728128.00	-33.01
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683566.04	1727034.92	-28.41
683549.20	1727023.66	-28.23
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683550.53	1726108.80	-20.99
683532.84	1726097.73	-20.91
683516.54	1726086.02	-20.54
683666.07	1728191.20	-34.22
683649.88	1728177.73	-34.13
683692.31	1728211.15	-34.11
683625.57	1728158.19	-33.59
683609.40	1728145.46	-33.44
683697.38	1727117.67	-29.32
683663.95	1727102.35	-29.15
683646.24	1727092.06	-28.98
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683678.82	1726185.12	-22.55
683659.63	1726178.05	-22.41
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683738.12	1727131.28	-29.60
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683871.39	1728325.96	-35.61
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684554.17	1727599.47	-34.50
684528.31	1727591.79	-34.34
684503.69	1727582.21	-34.23
684576.56	1726669.18	-30.52
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684841.62	1727767.86	-36.92
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687384.44	1724604.14	-29.09
687368.72	1724591.36	-28.98
687340.44	1724565.68	-28.79
687325.65	1724551.65	-28.61
687309.45	1724539.50	-28.03
687395.17	1724130.87	-21.56
687349.40	1724105.26	-20.62
687331.09	1724096.09	-19.77
687312.06	1724088.67	-19.51
687305.81	1723355.18	-15.88
687363.07	1723384.72	-15.78
687378.66	1718905.50	-15.61
687358.39	1718893.45	-15.51
687324.91	1723363.48	-15.49
687306.12	1718863.50	-15.38
687345.53	1723374.48	-15.33
687327.04	1718875.78	-15.32
687380.51	1723394.63	-15.31
687382.51	1721067.85	-15.07
687386.10	1720029.76	-15.07
687347.64	1720013.95	-15.00
687366.44	1720023.81	-15.00
687317.87	1719996.85	-14.89
687299.55	1719986.96	-14.65
687363.64	1721060.84	-14.60
687374.60	1722277.86	-14.51
687346.26	1721049.52	-14.41
687355.92	1722268.34	-14.40
687328.38	1722254.30	-14.38
687309.73	1722244.10	-14.25
687313.84	1721030.07	-14.15
687383.38	1717813.94	-9.60
687367.02	1717801.53	-8.98
687350.82	1717788.88	-8.35

687335.51	1717775.62	-7.77
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687304.86	1717749.14	-6.19
687481.56	1724656.18	-30.02
687449.08	1724645.55	-29.67
687431.32	1724635.76	-29.48
687413.57	1724625.87	-29.31
687481.10	1724184.78	-23.69
687463.11	1724175.51	-22.92
687446.76	1724162.55	-22.51
687429.61	1724152.18	-22.32
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687478.53	1718965.02	-15.99
687455.84	1718951.86	-15.94
687485.97	1723436.87	-15.81
687423.73	1718933.64	-15.75
687486.16	1721119.84	-15.66
687399.40	1718918.28	-15.66
687432.81	1723415.67	-15.60
687413.54	1723409.93	-15.41
687466.55	1723430.77	-15.38
687480.15	1720104.32	-15.37
687462.12	1720091.75	-15.34
687446.28	1720078.30	-15.19
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687451.07	1721097.36	-15.15
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687425.72	1722306.03	-14.71
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687497.42	1717868.88	-13.32
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687457.56	1717853.54	-12.36
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687402.70	1717828.01	-10.43
687484.97	1716787.17	-8.14
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687448.12	1716765.42	-7.69
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687414.93	1716741.29	-5.67
687398.49	1716729.86	-5.08
687533.31	1724675.22	-30.58
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687561.49	1724235.19	-24.84
687543.87	1724225.13	-24.46
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687595.16	1723511.92	-17.44
687577.01	1723502.45	-17.12
687594.52	1719030.72	-16.39
687559.56	1723492.53	-16.38
687539.92	1723475.39	-16.35
687559.75	1719013.53	-16.30
687523.83	1718994.93	-16.24
687541.78	1719004.65	-16.19
687585.70	1721182.46	-16.00
687534.85	1721155.52	-15.87
687593.36	1720177.20	-15.86
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687556.86	1721167.32	-15.83
687571.16	1720163.16	-15.78
687553.75	1720152.51	-15.68

687535.72	1720142.30	-15.64
687517.60	1721144.58	-15.60
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687518.53	1720132.01	-15.49
687502.04	1720120.58	-15.44
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687593.40	1717921.11	-14.88
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687557.01	1717899.40	-14.30
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687648.40	1723538.47	-19.09
687629.73	1723530.68	-18.51
687659.39	1721219.64	-16.86
687688.49	1719096.51	-16.86
687681.60	1721231.82	-16.84
687671.68	1719077.74	-16.72
687620.45	1719044.15	-16.64
687654.83	1719066.28	-16.60
687680.49	1717981.58	-16.40
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687604.83	1721189.25	-16.37
687641.93	1721209.62	-16.33
687692.68	1720231.13	-16.30
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687674.11	1720222.66	-16.23
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687963.30	1719243.53	-17.92
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687933.24	1718127.87	-17.92
687940.21	1719232.52	-17.86
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687922.67	1719222.54	-17.55
687898.93	1719208.77	-17.53
687977.39	1722631.56	-17.45
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687967.77	1715974.94	-6.51
687942.13	1715964.21	-6.30
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688051.68	1718181.56	-18.59
688029.78	1718174.68	-18.57
688004.92	1718165.50	-18.56
688059.89	1719305.25	-18.47
688082.14	1719316.94	-18.31
688089.92	1721467.23	-18.24
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688133.62	1723814.33	-21.32
688192.66	1718274.81	-19.61
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688158.33	1718252.53	-19.34
688143.80	1718237.51	-19.22
688189.61	1719377.59	-19.08
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688160.76	1722732.83	-18.83
688185.83	1717215.36	-18.82
688171.84	1719367.74	-18.76
688110.22	1718212.13	-18.76
688141.72	1719349.60	-18.66
688142.81	1722723.16	-18.64
688105.28	1719331.43	-18.56
688165.79	1717205.18	-18.53
688126.20	1722711.95	-18.42
688107.97	1722701.43	-18.29
688148.23	1717195.49	-18.26
688127.92	1721486.40	-18.18
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688143.79	1716056.70	-11.27
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688243.60	1720549.41	-17.33
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688327.33	1724676.89	-31.76
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688394.21	1722866.91	-20.60
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688365.75	1717323.46	-20.13
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688348.84	1719473.86	-19.66
688303.95	1719447.52	-19.63
688331.26	1719464.28	-19.58
688379.16	1721634.74	-18.78
688396.39	1721645.82	-18.53
688319.90	1721609.08	-18.32
688359.75	1721627.44	-18.13
688338.80	1721616.59	-18.01
688322.26	1720594.31	-17.31
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688392.99	1720639.15	-17.28
688356.75	1720614.97	-17.27
688393.23	1716226.28	-16.99
688366.38	1716205.86	-16.91
688345.38	1716189.36	-16.69
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688319.23	1715049.90	-5.72
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688482.23	1724002.04	-24.45
688464.69	1723992.26	-24.16
688444.52	1723982.37	-23.96
688426.22	1723973.03	-23.64
688489.86	1718443.53	-21.26
688472.28	1718433.19	-21.15
688442.45	1718415.74	-21.11
688490.59	1722926.82	-21.08
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688447.14	1722894.93	-20.97
688428.80	1722885.82	-20.92
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688484.60	1719541.37	-20.54
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688462.27	1719526.03	-20.28
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688416.19	1721659.88	-18.47
688482.00	1716278.11	-18.28
688455.79	1716265.68	-18.13
688429.53	1716249.94	-17.80
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688442.31	1720669.14	-17.36
688418.30	1720656.20	-17.27
688411.43	1716238.81	-17.19
688478.99	1715161.46	-10.95
688461.49	1715151.44	-10.40
688444.19	1715141.38	-9.85
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688559.07	1719592.23	-20.65
688531.14	1719574.79	-20.59
688500.76	1719553.43	-20.59
688558.81	1721738.99	-19.82
688581.61	1716335.54	-19.66
688590.48	1721759.69	-19.55
688539.96	1721731.83	-19.52
688548.67	1716317.72	-19.37
688521.72	1721723.31	-19.09
688530.66	1716307.12	-18.93
688513.32	1716295.46	-18.82
688590.16	1720746.42	-18.06
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688546.16	1720721.10	-17.85
688523.34	1720709.02	-17.74
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688557.47	1715198.22	-13.25
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688528.92	1714023.14	-7.13
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689443.28	1716831.52	-25.13
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690354.91	1719525.18	-33.47
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691330.73	1713429.74	-30.76
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691914.22	1713781.96	-34.62
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691938.72	1712658.57	-32.54
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691954.49	1711547.31	-29.70
691926.19	1711533.75	-29.59
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691946.86	1710440.28	-25.39
691930.49	1710427.80	-25.26
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691961.06	1709212.78	-19.54
691944.70	1709200.69	-19.12
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691910.34	1709177.33	-18.66
691974.06	1708099.45	-14.06
691953.54	1708088.75	-13.71
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691990.59	1707148.28	-9.71
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692002.45	1716039.94	-38.19

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692113.81	1711646.84	-31.28
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692110.62	1709308.87	-21.63
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692260.18	1716172.98	-39.72
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692338.64	1711777.26	-32.76
692299.75	1711749.96	-32.59
692321.51	1711766.23	-32.52
692382.62	1710698.58	-30.21
692336.87	1710666.82	-29.96
692364.60	1710688.20	-29.95
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692302.21	1710645.73	-29.14
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692339.67	1709441.05	-24.80
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692359.30	1708329.54	-19.14
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692345.94	1707355.80	-13.64
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692347.01	1706241.95	-9.37
692328.98	1706230.98	-9.15
692303.18	1706213.96	-8.89
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694771.02	1703240.63	-15.73
694719.91	1703204.69	-15.39

694712.48	1702065.35	-8.24
694796.32	1702130.50	-7.68
694779.14	1702119.00	-7.21
694728.79	1702077.65	-6.72
694763.17	1702106.64	-6.64
694747.94	1702093.58	-6.15
694820.51	1707660.09	-37.22
694851.85	1707679.70	-37.10
694892.23	1707704.60	-37.06
694869.81	1707691.07	-37.04
694802.53	1707650.44	-36.65
694884.24	1706530.12	-34.14
694867.61	1706518.99	-34.11
694846.61	1706505.11	-33.94
694823.81	1706491.71	-33.89
694805.02	1706482.34	-33.73
694893.41	1705464.57	-30.15
694875.35	1705455.48	-29.78
694857.70	1705445.79	-29.38
694839.99	1705434.58	-29.30
694822.26	1705423.84	-29.22
694805.31	1705412.48	-28.79
694879.28	1704319.52	-22.73
694860.78	1704311.29	-22.37
694842.59	1704302.97	-22.26
694824.47	1704293.50	-21.82
694807.20	1704283.31	-21.55
694891.90	1703308.82	-17.08
694874.45	1703298.08	-16.92
694855.65	1703286.36	-16.56
694833.43	1703274.82	-16.45
694814.18	1703265.13	-16.29
694882.11	1702180.26	-10.11
694864.97	1702169.69	-9.76
694847.54	1702159.33	-9.06
694829.30	1702148.76	-8.46
694882.02	1701052.92	-1.90
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694911.25	1707711.71	-37.86
694980.44	1707748.68	-37.81
694929.26	1707721.18	-37.54
694947.61	1707730.99	-37.50
694997.17	1706601.27	-35.20
694979.03	1706592.54	-35.16
694961.69	1706582.50	-34.89
694938.72	1706567.29	-34.72
694921.34	1706555.23	-34.58
694903.64	1706543.44	-34.40
694990.52	1705524.20	-31.47
694972.39	1705515.23	-30.97
694955.46	1705504.33	-30.47
694911.70	1705474.65	-30.21
694934.58	1705489.11	-30.19
694980.73	1704360.30	-24.31
694961.96	1704352.33	-24.05
694943.40	1704344.54	-23.53
694924.34	1704336.88	-23.47
694905.23	1704328.75	-23.16
694994.36	1703377.82	-18.51
694975.42	1703369.94	-17.75
694956.48	1703352.42	-17.70
694939.56	1703340.87	-17.50
694908.51	1703320.19	-17.26
694981.86	1702230.44	-13.10
694962.70	1702221.41	-12.57
694943.78	1702212.57	-12.19
694923.24	1702203.44	-11.54
694903.84	1702192.98	-10.83
694996.74	1701134.31	-8.91
694981.09	1701121.34	-8.13
694966.15	1701107.67	-7.21

694950.12	1701094.84	-5.81
694932.37	1701083.25	-4.42
694914.84	1701072.17	-3.43
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695023.67	1707777.49	-38.13
695002.98	1707764.38	-37.87
695060.14	1706622.24	-35.89
695092.75	1706631.25	-35.89
695040.52	1706616.85	-35.59
695016.16	1706609.50	-35.50
695082.35	1705575.04	-32.04
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695047.93	1705553.92	-31.84
695029.78	1705545.10	-31.42
695010.64	1705536.19	-31.17
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695063.61	1704406.27	-25.84
695046.44	1704395.51	-25.63
695029.11	1704385.48	-25.14
695011.24	1704375.52	-24.91
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695062.45	1702272.10	-14.44
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695068.22	1701174.82	-5.19
695085.19	1701186.27	-4.91
695189.13	1706685.20	-36.73
695173.53	1706672.13	-36.52
695157.48	1706659.68	-36.44
695141.24	1706647.64	-36.34
695123.35	1706638.59	-36.14
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695133.65	1705615.52	-33.06
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695104.82	1704431.85	-26.57
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695195.82	1702350.31	-15.77
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695243.32	1706726.42	-37.09
695227.02	1706714.32	-36.94
695204.68	1706698.03	-36.73
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695763.73	1705956.03	-37.92
695783.75	1705961.36	-37.91
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695701.32	1705930.56	-37.32
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695843.33	1699367.13	-2.82

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696197.01	1704074.89	-34.84
696139.98	1704048.04	-34.80
696161.21	1704056.81	-34.64
696121.56	1704039.39	-34.30
696105.00	1704026.90	-34.14
696182.42	1702933.07	-29.40

696167.59	1702919.51	-29.30
696151.59	1702907.31	-29.12
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696183.42	1699563.88	-6.72
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696252.95	1704101.22	-35.37
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696281.64	1701892.95	-23.69
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696296.61	1700769.12	-17.08
696278.85	1700758.62	-17.04
696259.01	1700747.54	-16.86
696230.35	1700731.99	-16.64
696212.40	1700723.09	-16.40
696271.10	1699618.21	-9.93
696253.41	1699607.99	-9.32
696235.03	1699598.04	-8.68
696217.84	1699587.07	-7.88
696201.19	1699575.86	-7.39
696377.33	1705165.57	-39.38
696395.85	1705173.88	-39.35
696338.05	1705146.09	-39.08
696358.26	1705155.76	-38.99
696316.51	1705135.53	-38.99
696298.04	1705126.54	-38.97
696363.65	1704136.67	-36.47
696310.97	1704127.15	-36.31
696343.53	1704137.02	-36.22
696382.77	1704143.77	-36.18
696380.35	1703033.66	-32.05
696355.61	1703021.33	-31.99
696336.62	1703013.92	-31.68
696317.42	1703004.33	-31.27
696298.82	1702995.40	-31.01
696383.06	1701954.23	-25.42
696328.81	1701916.83	-24.93
696367.35	1701941.63	-24.78
696346.66	1701926.73	-24.72
696309.58	1701909.48	-24.41
696384.58	1700831.60	-17.78
696368.11	1700819.84	-17.48
696314.71	1700780.64	-17.39
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696332.33	1700793.91	-17.04
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696329.33	1699651.20	-11.49
696307.31	1699637.27	-10.93
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696486.85	1705222.47	-39.54
696414.23	1705182.36	-39.45
696432.85	1705191.07	-39.42
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696461.24	1704206.91	-37.35
696488.27	1704236.61	-37.24
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696401.52	1699695.80	-13.94
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696551.23	1703143.29	-34.23
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696525.78	1702046.86	-27.72
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696582.92	1700940.45	-20.77
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696556.61	1699784.85	-15.55
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696605.52	1704310.47	-38.35
696623.26	1704320.50	-37.93
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697764.67	1699224.52	-23.52
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697727.63	1699204.90	-22.87
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699258.98	1697052.82	-27.51
699225.76	1697020.45	-27.44
699240.17	1697034.48	-27.19
699210.01	1697008.11	-26.85
699273.71	1695866.22	-19.36
699257.44	1695854.18	-18.98
699239.37	1695845.12	-18.81
699220.37	1695836.49	-18.49
699290.42	1694790.99	-16.47
699270.60	1694780.17	-15.94
699250.20	1694769.45	-15.91
699231.81	1694760.33	-15.57
699214.15	1694750.24	-15.06
699289.69	1693518.02	-8.90
699272.58	1693507.30	-8.02
699254.56	1693496.91	-7.23
699236.82	1693487.58	-6.66
699218.88	1693477.91	-5.96
699201.46	1693467.02	-4.95
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699370.89	1698171.95	-36.30
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699360.02	1695921.02	-20.68
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699363.45	1694830.03	-16.33
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700733.05	1695622.02	-36.17
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700762.10	1694357.63	-28.32
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700750.56	1693557.72	-21.58
700733.43	1693545.93	-21.25
700716.27	1693535.62	-20.79
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700740.35	1692506.66	-16.42
700720.48	1692499.07	-16.35
700712.25	1691354.38	-7.75
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700729.74	1691367.75	-6.47
700757.93	1691392.23	-6.35
700883.64	1696792.85	-42.39
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700839.62	1695670.43	-37.47
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700815.39	1694386.94	-29.40
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700943.38	1692617.52	-17.88
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702183.93	1688286.22	-4.01
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702212.40	1694375.07	-42.45
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702279.88	1693393.89	-39.51
702264.26	1693381.35	-39.38
702237.43	1693361.75	-39.22
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702280.13	1692259.84	-32.97
702261.31	1692252.20	-32.60
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702214.45	1692230.42	-31.85
702281.37	1691154.48	-24.11
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702241.89	1691130.61	-23.34
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708381.76	1678591.28	-9.18
708363.12	1678582.21	-8.63
708344.47	1678573.51	-7.93
708311.55	1678554.86	-7.51
708470.54	1683994.42	-47.58
708491.34	1684007.42	-47.55
708443.76	1683982.11	-47.34
708413.11	1683970.14	-47.08
708497.58	1682933.07	-45.94
708479.82	1682923.05	-45.65
708451.15	1682906.50	-45.59
708432.47	1682898.48	-44.88
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708436.88	1681769.51	-39.51
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709943.45	1678248.62	-24.68
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711668.2100,1677040.0900,-37.9700
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711632.3700,1677019.4000,-36.3300
711613.5800,1677008.5500,-35.8400
711595.9300,1676998.3600,-35.7100
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711642.5400,1675917.7100,-25.5200
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711621.1100,1675905.3300,-25.3500
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711628.7100,1674817.0300,-19.8800

711610.4300,1674806.4700,-19.7600
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711708.2100,1678249.7900,-42.6200
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711726.2700,1677073.6100,-38.3900
711705.3600,1677061.5400,-37.9800
711686.4600,1677050.6300,-37.8700
711770.1200,1675991.3600,-28.0500
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711717.1500,1675960.7800,-26.5100
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711750.7400,1674887.4800,-22.0100
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711836.9200,1676029.9300,-29.7500
711819.3200,1676019.7700,-29.2300
711801.8100,1676009.6600,-28.3200
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711927.2800,1678376.2700,-43.9900
711973.1800,1678402.7700,-43.9000
711954.7200,1678392.1100,-43.9000
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711982.9500,1677221.8000,-40.7300
711957.6300,1677207.1900,-40.5600
711935.8200,1677194.6000,-40.4800
711918.4700,1677184.5800,-40.2300
711885.0900,1677165.3100,-39.7700
711983.3600,1676114.4800,-34.3900
711965.6100,1676104.2300,-34.0200
711948.0500,1676094.0900,-33.6400
711930.4200,1676083.9100,-33.2000
711912.3200,1676073.4700,-32.4700
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711969.3000,1675013.6700,-25.4300
711951.8000,1675003.5600,-25.2100
711934.1200,1674993.3500,-24.9800
711916.7300,1674983.3100,-24.6000
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712042.7900,1677256.3600,-41.1700
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712015.9600,1676133.3000,-35.2100

712068.2200,1675070.7700,-26.5000
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712031.9300,1675049.8300,-26.0900
712010.2400,1675037.3000,-25.9800
711990.0900,1675025.6700,-25.8600
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712154.6400,1677320.9300,-42.0600
712133.9500,1677308.9900,-42.0400
712110.9600,1677295.7100,-41.7800
712092.8100,1677285.2300,-41.6600
712164.8400,1676219.2600,-37.6100
712140.6100,1676205.2700,-37.2600
712116.1200,1676191.1300,-37.1400
712098.4100,1676180.9000,-36.5100
712176.9800,1675133.5700,-27.2400
712159.6000,1675123.5400,-27.0900
712139.7600,1675112.0800,-27.0600
712122.0800,1675101.8700,-27.0300
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712086.3100,1675081.2200,-26.5400
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712244.2400,1677372.6600,-42.7400
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712259.5500,1676273.9400,-38.3100
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712368.9900,1677444.6900,-43.2300
712327.4700,1677420.7200,-43.1400
712309.9000,1677410.5700,-42.9700
712291.8100,1677400.1300,-42.7100
712375.4300,1676340.8400,-39.5500
712345.6500,1676323.6400,-39.0600
712295.0700,1676294.4400,-38.6200
712327.9500,1676313.4300,-38.5500
712382.7300,1675252.3600,-28.5300
712359.5600,1675238.9800,-28.4700
712342.2300,1675228.9700,-28.2400
712316.7100,1675214.2400,-28.0900
712299.1300,1675204.0900,-27.6800
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712441.9600,1677486.8200,-44.2000
712462.1400,1677498.4700,-43.9800
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712390.3900,1677457.0400,-43.6600
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712510.5000,1677526.3900,-44.4100
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712581.2800,1677567.2500,-44.3000
712560.2500,1676447.5500,-41.0200
712542.7800,1676437.4600,-40.7900
712501.7000,1676413.7400,-40.6000
712525.4200,1676427.4400,-40.4000
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712532.0100,1675338.5500,-32.5500
712514.6200,1675328.5100,-32.1800
712497.0100,1675318.3400,-31.5500
712681.4700,1677625.1000,-44.8600
712649.5300,1677606.6600,-44.7500
712631.9500,1677596.5100,-44.5100
712598.8000,1677577.3700,-44.4500
712668.9900,1676510.3300,-41.8700
712634.0800,1676490.1700,-41.7600
712651.6000,1676500.2800,-41.5100
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712673.6700,1675420.3300,-35.5800
712656.1000,1675410.1900,-35.2600
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712620.5000,1675389.6400,-34.8200
712602.9000,1675379.4700,-34.1700
712584.7300,1675368.9900,-33.8600
712714.2000,1677644.0000,-45.4100
712752.3400,1677666.0200,-45.3400
712769.8900,1677676.1500,-45.1600
712734.9900,1677656.0000,-45.1000
712769.5900,1676568.4100,-42.5000
712752.0600,1676558.2900,-42.2700
712728.2600,1676544.5500,-42.0900
712687.6200,1676521.0800,-42.0900
712707.3500,1676532.4700,-41.9500
712768.4400,1675475.0500,-36.6600
712750.5200,1675464.7000,-36.4200
712733.1900,1675454.7000,-36.3400
712714.8200,1675444.0900,-36.0600
712697.0300,1675433.8200,-35.7700
712828.9800,1676602.7000,-43.1700
712857.9800,1676619.4400,-43.0200
712806.1500,1676589.5200,-42.8600
712788.5400,1676579.3500,-42.6400
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712866.8600,1675531.8700,-38.1100
712849.4400,1675521.8100,-37.9300
712832.0500,1675511.7800,-37.5800
712814.3800,1675501.5700,-37.2400
712796.5800,1675491.2900,-37.1900
712948.7800,1676671.8700,-43.9700
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712931.4600,1676661.8600,-43.2600
712890.7900,1676638.3900,-43.2100
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712941.6000,1675575.0200,-39.3200
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712902.1000,1675552.2200,-38.8800
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713042.8600,1675633.4800,-40.5800
713025.2500,1675623.3200,-40.3600
713003.2600,1675610.6200,-40.1700
712985.8400,1675600.5700,-40.0000
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713164.9500,1675703.9800,-42.1400
713147.1400,1675693.6900,-41.7300
713125.7700,1675681.3500,-41.6000
713107.1800,1675670.6200,-41.3500
713089.6500,1675660.5000,-41.1400
713268.8100,1675763.9300,-42.8700
713217.8000,1675734.4900,-42.5900
713236.4000,1675745.2300,-42.5200
713200.1200,1675724.2800,-42.3000
713376.8700,1675826.3300,-43.5600
713358.8300,1675815.9100,-43.5400
713341.4800,1675805.8900,-43.3900
713317.3000,1675791.9400,-43.2800
713286.3600,1675774.0700,-43.1600
713457.7000,1675872.9900,-44.0200

713407.6900,1675844.1200,-43.9700
713439.9600,1675862.7500,-43.8800
713520.9500,1675909.5100,-44.0000
713503.5200,1675899.4500,-43.9200
713486.1400,1675889.4100,-43.8700

Section 5

Field Notes

10/10/23

35324-7

M. BULLOCK
D. GUYTON

Taylor Engineering, Inc., WATER PORKS

T. CACIQUE

R-0

Run	+	H1	-	ROD	CLAY
TRM.	0.34'	11.03'			10.69'
90'				1.2'	9.8'
115'				5.4'	5.6'
131'				6.9'	4.1'
152'				9.6'	1.4'
175'				12.0'	-1.0'
191'				13.3'	-2.3'
213'				16.2'	-5.2'
240'				17.6'	-6.6'
260'				17.7'	-6.7'
281'				17.8'	-6.8'
299'				17.6'	-6.6'
314'				17.5'	-6.5'
335'				18.1'	-7.1'
356'				18.9'	-7.9'
368'				19.4'	-8.4'
390'				19.2'	-8.2'
402'				19.0'	-8.0'
427'				18.0'	-7.0'
451'				16.9'	-5.9'
TR					
TRM.	2.21	11.39'	1.85		9.18'
			1.30		9.86'

90' 9.81

55/160

NANO 85°

DISE.

SH. R-0 Rod 80' PT. # 6761

SAND

SH # 6762 (SL = 9.81')

10/10/23

35329-7

R-1

Run	+	HI	-	Reid	GLWV
TBM	2.22'	13.41'			11.19'
25'				2.8'	10.6'
39'				4.0'	9.4'
55'				5.7'	7.7'
75'				8.4'	5.0'
94'				13.0'	0.4'
115'				15.2'	-1.8'
140'				17.7'	-4.3'
161'				18.0'	-4.6'
185'				18.6'	-5.2'
206'				19.1'	-5.7'
224'				19.6'	-6.2'
237'				20.2'	-6.8'
265'				20.3'	-6.9'
285'				20.2'	-6.8'
306'				20.1'	-6.7'
336'				18.0'	-4.6'
365'				17.5'	-4.1'
381'				17.9'	-4.5'
395'				18.2'	-4.8'
TR	3.11'	13.98'	2.54'		10.87'
TBM			3.51'		11.41'

25 10.49

Vol. 55/161

DESC.

SH R-1 Run 15' 17' 6763

SAND

SH# 6764 (R# 10.49)

10/14/23

35329-7

R 2

Rw.	+	H1	-	Rod	Elev.
784	3.20'	12.01			8.81'
20'				3.2'	8.8'
30'				3.5'	8.5'
47				4.3'	7.7'
67'				6.0'	6.0'
90'				8.9'	3.1'
115'				11.8'	0.2'
137'				14.2'	-2.2'
160'				15.3'	-3.3'
184'				17.0'	-5.0'
205'				17.9'	-5.9'
226'				18.8'	-6.8'
254'				18.9'	-6.9'
280'				18.8'	-6.8'
307'				18.8'	-6.8'
330'				17.0'	-5.0'
352'				16.8'	-4.8'
372'				16.9'	-4.8'
397'				16.6'	-4.6'
414'				16.9'	-4.9'
438'				17.1'	-5.1'
TP	3.60'	12.32'	3.29		8.72'
TBM			3.93'		8.39'

8.44

vol. 55/162

DASS

SH. R 2 Rwg. 20' P# 7184

SAND

SH# 7185 (Elev 8.44')

10/10/63

35329-7

R-3

REG.	+	47	-	RED	ELEV.
TBM	2.78	13.56			10.78
25'				3.5	10.1'
39'				4.3	9.3'
61'				5.6	8.0'
85'				8.8	4.8'
108'				11.6	2.0'
129'				14.5	-0.9'
145'				16.6	-3.0'
169'				17.0	-3.4'
195'				18.5	-4.9'
221'				19.0	-5.4'
245'				19.6	-6.0'
269'				19.6	-6.0'
295'				19.5	-5.9'
320'				19.2	-5.6'
338'				19.5	-5.9'
355'				19.5	-5.9'
374'				19.4'	-5.8'
396'				19.4'	-5.8'
TP.	3.61	13.89	3.28		10.28
TBM			3.75		10.14

10.14 25 -

V&L

55/
63

DREG.

SH R-3 RING 15 PT# 6767

SAND

SH# 6768 (AL=10.14)

10/16/23

35329.7

R-4

RAW.	+	H1	-	R00	Elev.
TBM	1.71'	12.47'			10.76'
20'				2.3'	10.2'
40'				4.5'	8.0'
55'				4.6'	7.9'
72'				6.4'	6.1'
90'				8.2'	4.3'
110'				11.2'	1.3'
129'				13.0'	-0.5'
149'				14.8'	-2.3'
172'				16.6'	-4.1'
197'				17.6'	-5.1'
220'				16.7'	-4.2'
230'				15.4'	-2.9'
254'				15.4'	-2.9'
279'				15.9'	-3.4'
301'				16.0'	-3.5'
326'				16.4'	-3.9'
342'				16.4'	-3.9'
366'				17.3'	-4.8'
396'				17.8'	-5.3'
405'				18.3'	-5.8'
TP	3.55'	12.83'	3.19'		9.28'
TBM			2.40'		10.93'

10.45 20'

Vol. 55/64

DESC

SH. A-4 Raw. 10' PT# 6769

SAND

SH# 6770 (Elev 10.45')

10/10/03

35329-7

R-5

Run	+	H1	-	Rev	ECV
TBM	0.49	13.63			13.14
20				2.4	11.2
38				5.8	7.8
58				7.0	6.6
80				7.9	5.7
102				9.9	3.7
125				12.7	0.9
145				14.9	-1.3
163				15.9	-2.3
193				16.5	-2.9
218				17.4	-3.8
242				19.2	-4.6
266				19.2	-4.6
295				18.1	-4.5
320				18.1	-4.5
345				18.9	-5.3
374				19.2	-5.6
406				19.1	-5.5
420				20.4	-6.8
432				20.9	-7.3
446				21.4	-7.8
TP	1.8	13.24	2.24		11.39
TBM			1.98		11.36

11.37 20

102 55/65

DEEP

SH. R-5 Run 10' P. # 6771

SAND

SH. # 6772 (EC = 11.37)

10/10/23

35329-7

R-6

RNG	+	H1	-	ROD	CLON
TBM	0.31'	12.23'			11.92'
30'				2.4'	9.8'
46'				4.0'	8.2'
65'				6.4'	5.8'
90'				8.6'	3.6'
115'				10.8'	1.4'
136'				12.7'	-0.5'
157'				15.7'	-3.5'
182'				18.0'	-5.8'
209'				18.5'	-6.3'
236'				18.8'	-6.6'
260'				19.0'	-6.8'
281'				19.0'	-6.8'
300'				19.2'	-7.0'
323'				19.0'	-6.8'
337'				19.0'	-6.8'
363'				19.0'	-6.8'
395'				18.9'	-6.7'
426'				17.2'	-5.0'
462'				18.0'	-5.8'
496'				18.9'	-6.7'
TR	1.22'	11.94'	1.51'		10.72'
TBM			0.82'		11.12'

30 11.10

55/166
Vol.

DESC

SH. R-6 R-6. 30' PT. # 6773

STAND

SH # 6774 (EL = 11.10')

10/11/23

M. Barker

D. GUYTON

S. CACBAND

35329-7

R-7

Run.	+	141	-	Red	Clay.
784	0.24	13.65			13.41
30				1.8	11.9
45				4.9	8.8
67				6.3	7.4
89				8.5	5.2
113				10.9	2.8
133				12.2	1.5
155				13.3	0.4
185				14.5	-0.8
204				16.0	-2.3
222				16.7	-3.0
242				17.9	-4.2
267				19.4	-5.7
288				19.4	-5.7
304				19.6	-5.9
322				19.8	-6.1
346				18.9	-5.2
370				18.5	-4.8
391				18.5	-4.8
410				18.5	-4.8
447				18.9	-5.2
478				18.8	-5.1
7P.	1.61	13.47	1.79		11.86
76M			1.69		11.78

11.73

30

55/67

D650

SH R-7 Run 20 PT. #6775

SAND

SH # 6776 (Run 11.73)

10/1/23

35329-7

R-8

RAV	+	H1	-	POD	CLW
TRM	2.35	18.26			11.91
45				3.5	10.8
64				6.1	8.2
88				8.9	5.4
116				11.7	2.6
140				14.0	0.3
155				15.9	-1.6
180				18.7	-4.4
198				19.0	-4.7
215				19.1	-4.8
240				20.4	-6.1
265				20.7	-6.4
287				20.9	-6.6
306				21.0	-6.7
335				21.1	-6.8
360				22.0	-7.7
385				23.0	-8.7
TP	3.98	13.75	4.49		9.77
TRM			270		17.05

11.10

45

55/168
VOL.

DESP

SIL R-B R-4.35' ST# 6777

SAND

/

SIL# 6778 (BLZ 11.10)

10/11/08

35329-7

R-9

Run	+	141	-	Run	Slav
TBA	1.86'	13.02			11.16
45'				2.5'	10.5'
62'				4.9'	8.1'
80'				5.9'	7.1'
105'				8.4'	4.6'
130'				10.4'	2.6'
155'				12.3'	0.7'
180'				14.9'	-1.9'
205'				16.3'	-3.3'
228'				18.2'	-5.2'
247'				18.6'	-5.0'
268'				17.6'	-4.6'
287'				16.9'	-3.9'
305'				16.9'	-3.9'
325'				16.8'	-3.8'
350'				17.5'	-4.5'
369'				18.3'	-5.3'
391'				19.2'	-6.2'
415'				20.0'	-7.0'
439'				20.5'	-7.5'
466'				19.9'	-6.9'
TD	2.75'	12.74'	3.03'		9.89'
TOT			2.30'		10.44'

10.42 45

Vol.

55/69

DASC

SHR-9 Run 35 P# 6779

SNO

SH# 6780

(SNO 10.42)

10/11/23

35829-7

P-10

Rug.	+	H1	-	Pos	Elev.
TBM	2.32	13.14			10.82'
35'				2.4	10.7'
43'				2.2	10.9'
49'				3.6	9.5'
65'				5.9	7.2'
81'				7.3	5.8'
102'				10.3	2.8'
125'				13.0	0.1'
143'				15.7	-2.6'
168'				17.0	-3.9'
187'				17.5	-4.4'
210'				17.8	-4.7'
235'				16.9	-3.8'
264'				16.3	-3.2'
289'				16.5	-3.4'
311'				17.1	-4.0'
335'				17.3	-4.2'
350'				17.6	-4.5'
370'				18.0	-4.9'
395'				18.6	-5.5'
415'				18.6	-5.5'
TP.	1.45	72.91	1.68		11.45
TBM			244		10.47'

35

10.46

55/
Vol. 1/20

P-10

SH P-10 Rug 25 PT# 6781

SAND



SH# 6782 (at 10.46)

10/11/23

35329-7

R-11

RNG.	+	H1	-	Rad	Leav.
TOM.	2.28'	13.48'			11.20'
50'				2.5'	11.0'
60'				3.2'	10.3'
67'				4.7'	8.8'
86'				4.6'	8.9'
97'				4.9'	8.6'
120'				8.5'	5.0'
145'				12.0'	1.5'
160'				13.6'	-0.1'
177'				15.3'	-1.8'
202'				17.4'	-3.9'
220'				18.4'	-4.9'
240'				19.6'	-6.1'
261'				20.2'	-6.7'
285'				20.8'	-7.3'
310'				20.8'	-7.3'
331'				20.6'	-7.1'
357'				20.6'	-7.1'
385'				20.2'	-6.7'
414'				20.2'	-6.7'
TR.	2.24'	13.30'	2.42'		11.06'
TBM			2.42'		10.88'

10.88 50'

Vol.

55/
71

DESC.

SH. R-11 RNG. 40' PRT# 6733

SAND

7

SH. # 6784 (GLE 10.88')

10/11/23

353297

R12

Rdg.	T	H1	-	Red	Blw.
TBM.	1.09	12.23			11.14'
50'				2.0'	10.2'
56'				3.4'	8.8'
76'				4.6'	7.6'
100'				7.6'	4.6'
116'				8.7'	3.5'
134'				9.7'	2.5'
160'				11.0'	1.2'
178'				11.9'	0.3'
194'				12.9'	-0.7'
219'				14.3'	-2.1'
244'				15.0'	-2.8'
270'				16.1'	-3.9'
295'				16.5'	-4.3'
313'				16.5'	-4.3'
344'				16.3'	-4.1'
365'				16.3'	-4.1'
390'				16.4'	-4.2'
415'				17.0'	-4.8'
438'				17.6'	-5.4'
461'				18.5'	-6.3'
478'				19.5'	-6.8'
TR	2.75	12.85	2.13'		10.10'
TBM			2.61'		10.24'

10.18' 50'

Vol.

55/12

R550

SH. R-12. RLG 40' PT# 6785

SAND



SH# 6786 (LL=10.18')

10/11/23

35329-7

R-13

Run	+	HI	-	Run	Elev.
TRM	2.65'	14.74'			12.09'
40'				3.5'	11.2'
54'				3.6'	11.1'
66'				4.5'	9.9'
87'				7.8'	6.9'
112'				10.9'	3.8'
136'				13.4'	1.3'
159'				15.6'	-0.9'
182'				17.6'	-2.9'
199'				18.4'	-3.7'
219'				19.1'	-4.4'
244'				20.9'	-6.2'
265'				21.4'	-6.7'
286'				21.9'	-7.2'
309'				21.7'	-7.0'
326'				21.7'	-7.0'
354'				21.9'	-7.2'
375'				21.9'	-7.2'
406'				21.8'	-7.1'
425'				21.7'	-7.0'
448'				21.7'	-7.0'
476'				21.8'	-7.1'
TP.	2.81'	14.37'	3.18'		11.56'
TRM.			3.24'		11.13'

11.13 40'

Vol. 5/13

DESC.

SH. R-13 Run 30' PT. # 6787

SAND

SH. # 6788 (Elev 11.13)

10/14/23

35329-7

R-14

ROG.	+	H1	-	ROD	LOW.
TBL.	1.57'	12.84'			11.27'
50'				2.4'	10.4'
70'				3.9'	8.9'
80'				4.4'	8.4'
102'				6.8'	6.0'
126'				10.0'	2.8'
156'				12.3'	0.5'
174'				14.1'	-1.3'
192'				14.8'	-2.0'
214'				15.0'	-2.2'
227'				16.3'	-3.5'
248'				17.5'	-4.7'
266'				17.8'	-5.0'
292'				19.0'	-6.2'
308'				19.1'	-6.3'
330'				19.2'	-6.4'
346'				19.1'	-6.3'
364'				19.1'	-6.3'
376'				19.0'	-6.2'
409'				19.1'	-6.3'
430'				19.1'	-6.3'
453'				18.5'	-5.7'
480'				18.6'	-5.8'
500'				18.7'	-5.9'
TP.	1.84	12.42	2.26'		10.28'
TRM.			2.14		10.28'

10.30' 50'

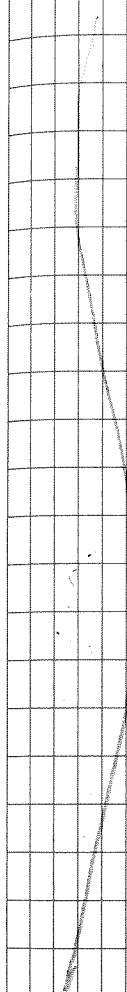
VOL.

55/74

DESC.

SH. R-14 R-14.40' SH# 6789

SAND



SH# 6790 (R-10.30)

10/11/23

35329-7

R-15

Run	+	H1	-	Run	ELSV.
TBM	1.21'	12.72'			11.51'
60'				2.0'	10.7'
65'				2.2'	10.5'
74'				3.6'	9.1'
85'				4.9'	7.8'
100'				5.6'	7.1'
116'				6.5'	6.2'
134'				8.2'	4.5'
149'				10.2'	2.5'
166'				12.3'	0.4'
186'				14.1'	-1.4'
200'				15.0'	-2.3'
220'				15.2'	-2.5'
243'				15.7'	-3.0'
267'				16.3'	-3.6'
289'				17.2'	-4.5'
304'				18.3'	-5.6'
330'				18.6'	-5.9'
355'				18.7'	-6.0'
380'				18.6'	-5.9'
401'				19.9'	-7.2'
420'				21.0'	-8.3'
TP	156'	12.65'	1.63'		11.09'
TBM			2.23'		10.42'

10.43 60

vol. 55/75

DISC

SH. R-15 Run to PT# 6791

SAND

SH# 6792 (EL= 10.43')

10/11/23

35329-7

R-16

RWG	+	H1	-	RWD	SLCVR
784	2.17'	13.63'			11.46'
70'				3.7'	9.9'
84'				5.0'	8.6'
91'				6.0'	7.6'
110'				8.4'	5.2'
128'				10.3'	3.3'
148'				12.5'	1.1'
170'				14.2'	-0.6'
194'				16.0'	-2.4'
213'				16.7'	-3.1'
229'				17.7'	-4.1'
245'				18.7'	-5.1'
272'				19.0'	-5.4'
305'				19.3'	-5.7'
323'				19.5'	-5.9'
343'				19.9'	-6.3'
360'				20.1'	-6.5'
390'				19.9'	-6.3'
415'				19.1'	-5.5'
440'				18.3'	-4.7'
490'				19.1'	-5.5'
TP	2.22'	12.81'	3.04'		10.59'
784			2.84'		9.97'

996 70

VOL.

55/76

DEAC

5A. R-16 RWD 60' PT# 6793

SAND

5A# 6794

(At 9.96')

10/12/23
Mr. Backe
D. G. Backe
of Cal. 1900
R. 17

35329-7

R 17

	+	141	-	Red	Elev.
784	2.18	13.22			11.04
70				2.8	10.4
81				3.6	9.6
103				5.6	7.6
120				7.3	5.9
141				10.0	3.2
161				12.7	0.5
175				14.5	-1.3
200				16.5	-3.3
226				17.5	-4.3
249				18.4	-5.2
275				19.5	-6.3
293				19.9	-6.7
320				20.5	-7.3
339				20.6	-7.4
360				20.9	-7.7
392				20.5	-7.3
420				19.8	-6.6
449				19.6	-5.4
470				19.4	-5.2
490				19.0	-4.8
70	2.59	13.69	2.12		11.10
784			3.53		10.16

10.25

70

Vol. 55/77

12550

SH. R-17 R. 17.60 P. 6795

3.40

SH # 6796 (ILL 10.20)

10/12/23

35329-7

P-18

Run	+	HL	-	Run	SLAV.
751	2.87'	13.31'			10.44'
75-				3.3'	10.0'
85'				4.3'	9.0'
102'				5.0'	8.3'
121'				5.4'	7.9'
141'				7.9'	5.4'
160'				10.4'	2.9'
176'				12.6'	0.7'
194'				14.0'	-0.7'
212'				16.2'	-2.9'
235'				18.8'	-5.5'
256'				19.5'	-6.2'
274'				19.7'	-6.4'
289'				19.9'	-6.6'
316'				19.8'	-6.5'
350'				19.9'	-6.6'
374'				19.7'	-6.4'
395'				19.8'	-6.5'
416'				19.7'	-6.4'
440'				19.1'	-5.8'
465'				18.6'	-5.3'
505'				18.5'	-5.2'
537'				18.3'	-5.0'
TP	3.25'	17.38'	318'		10.13'
TRM			3.50'		9.88'

9.87' 75

Vol 55/18

DESE

SL P-18 Run 65. P# 6797

SAND

SH # 6798 (CL = 9.87')

10/12/23

35329.7

R.19

Run.	+	H1	-	Run	Elev.
704	0.96'	12.29'			11.33'
75'				2.3'	10.0'
85'				3.7'	8.6'
106'				5.6'	6.7'
125'				7.0'	5.3'
149'				9.4'	2.9'
169'				11.6'	0.7'
187'				13.5'	-1.2'
208'				14.5'	-2.2'
225'				15.9'	-3.6'
246'				16.6'	-4.3'
271'				18.0'	-5.7'
296'				19.9'	-7.6'
321'				19.8'	-7.5'
345'				19.9'	-7.6'
375'				19.2'	-6.9'
399'				19.1'	-6.8'
425'				19.2'	-6.9'
440'				17.9'	-5.6'
456'				17.7'	-5.4'
490'				18.0'	-5.7'
505'				18.2'	-5.9'
530'				18.4'	-6.1'
7P.	2.99	12.46	2.82		9.47
704			2.46		10.00

75 10.02'

Vol. 55/19

DESC.

SH R.19 Run. 65' PT# 6799

END

SHA 6800' Elev 10.02'

10/12/23

35329-7

M. Barkall

Taylor Engineers, Inc.

D. GUSTON

BEACH PROFILES, WATER PORTIONS

J. CACIAGUA

R-20

Sta.	+	H ₁	-	Red	Elev.
TEMP.	1.28'	13.02'			11.74
65'				2.0'	11.0'
79'				5.1'	7.9'
97'				7.4'	5.6'
122'				9.4'	3.6'
147'				11.3'	1.7'
172'				12.9'	0.1'
191'				14.1'	-1.1'
210'				15.2'	-2.2'
235'				16.5'	-3.5'
256'				17.8'	-4.8'
275'				19.9'	-6.9'
298'				21.0'	-8.0'
323'				20.5'	-7.5'
345'				19.9'	-6.9'
360'				20.3'	-7.2'
390'				20.1'	-7.1'
432'				20.2'	-7.2'
455'				18.7'	-6.7'
498'				18.5'	-5.5'
549'				19.0'	-6.0'
TP	3.69	12.87	3.84		9.18
TRM			1.95		10.92

10-96

65

VOL 56/14

NAVD 88

DESC.

SH R-20 RAG 55' AT 6801

SAND

SH # 6802 (BL = 10.96)

10/12/23

35329-7

R-21

RNG.	+	H1	-	Rad	Elev
TBM.	1.97'	12.97'			11.00'
70'				2.5'	10.5'
80'				3.7'	9.3'
91'				4.8'	8.2'
110'				7.0'	6.0'
133'				9.2'	3.8'
155'				11.4'	1.6'
184'				13.2'	-0.2'
205'				14.5'	-1.5'
230'				15.9'	-2.9'
245'				17.6'	-4.6'
263'				19.4'	-6.4'
290'				19.4'	-6.4'
310'				20.0'	-7.0'
330'				20.8'	-7.8'
349'				20.7'	-7.7'
370'				20.7'	-7.7'
396'				19.3'	-6.3'
415'				18.6'	-5.6'
433'				18.1'	-5.1'
460'				17.5'	-4.5'
490'				17.2'	-4.2'
550'				18.2'	-5.2'
TP.	2.28	13.09	2.16	10.81	
TBM			2.56	10.53	

10.62 70

Vol. 56/15

DBBG

SH R-21 R.G. 60' ST# 6823

SAND

SH # 6804 (EL 10.62')

10/12/23

35329-7

R-22

Run	+	H1	-	ROD	ELV.
TBM	1.67'	12.98'			11.31
60'				2.1'	10.9'
68'				3.4'	9.6'
83'				5.6'	7.4'
99'				7.6'	5.4'
120'				9.9'	3.1'
140'				12.1'	0.9'
165'				14.3'	-1.3'
190'				17.5'	-4.5'
215'				18.6'	-5.6'
240'				19.7'	-6.7'
261'				20.2'	-7.2'
280'				20.7'	-7.7'
300'				20.7'	-7.7'
321'				20.8'	-7.8'
344'				20.8'	-7.8'
365'				20.9'	-7.9'
400'				20.9'	-7.9'
420'				19.0'	-6.0'
438'				18.9'	-5.9'
465'				18.7'	-5.7'
480'				18.9'	-5.9'
TP	1.87'	13.18'	1.67'		11.31'
TBM			2.34'		10.94'

10.30 60'

Vol 56/16

NOD

SH R-22 Run 50 PT# 6355

SAND

SH # 6306 (ELV 10.80')

10/12/23

35329.7

R-23

RWG	+	HI	-	RoD	Elev.
TBW	1.07'	13.71'			12.64'
50'				2.3'	11.4'
62'				3.8'	9.9'
74'				5.3'	8.4'
92'				8.4'	5.3'
110'				10.7'	3.0'
126'				12.1'	1.6'
145'				12.0'	1.7'
167'				13.3'	0.4'
193'				14.7'	-1.0'
214'				15.3'	-1.6'
231'				15.9'	-2.2'
250'				17.5'	-3.8'
270'				19.2'	-5.5'
290'				21.0'	-7.3'
310'				21.3'	-7.6'
331'				20.9'	-7.2'
350'				20.5'	-6.8'
372'				21.0'	-7.3'
393'				21.6'	-7.9'
414'				21.3'	-7.6'
450'				19.8'	-6.1'
465'				19.1'	-5.4'
TP	2.83'	14.50'	204		11.67'
TBM			325		11.25'

11.22 50

56/
VOL. 1/17

DEBO.

SH. R-23 RWG 40' PT# 6807

SAND

SH# 6808 (L=11.22)

10/12/23

35329-7

R 24

Rate	+	HI	-	Red	Elm.
TBM	0.12'	12.17'			12.05'
50'				1.4'	10.8'
60'				3.2'	9.0'
61'				4.0'	8.2'
80'				7.5'	4.7'
102'				10.4'	1.8'
125'				12.2'	0.0'
144'				13.5'	-1.3'
160'				14.3'	-2.1'
177'				15.5'	-3.3'
193'				16.1'	-3.9'
218'				18.5'	-6.3'
242'				17.6'	-5.4'
263'				16.7'	-4.5'
284'				16.6'	-4.4'
303'				17.2'	-5.0'
320'				17.5'	-5.3'
350'				17.9'	-5.7'
391'				17.9'	-5.7'
400'				18.2'	-6.0'
428'				17.9'	-5.7'
TP	3.29'	14.86'	0.60'		11.57'
TBM			4.08'		10.78'

10.3' R₂₄56/18
Vol.

R 24

SH R 24 R₂₄ 40' PT# 6957S₂₄ 40'SH# 6958 (EL₁₀ 91')

10/12/23

35329-7

R-25

REL.	+	H1	-	RWD	Elev
TBM	3.25	13.07			9.32
50				3.7	9.4
68				4.7	8.4
78				4.8	8.3
92				6.3	6.8
113				8.9	4.2
133				11.3	1.8
156				13.4	-0.3
178				15.1	-2.0
199				15.8	-2.7
220				16.9	-3.8
238				17.7	-4.6
257				18.5	-5.4
290				19.8	-6.7
315				19.8	-6.7
340				19.6	-6.5
355				19.4	-6.3
371				19.3	-6.2
396				19.7	-6.6
421				20.1	-7.0
450				19.5	-6.4
472				18.7	-5.6
516				18.4	-5.3

TP

4.71

13.04

4.74

8.33

TBM

3.69

9.32

9.38 50

Vol 56/19

DESC

SH R-25 RLG 45 PT# 6959

SAND

SH# 6960 (RL= 9.38)

10/12/22

35327-7

R-26

RNG	+	441	-	ROD	BLW.
TBM.	0.56'	11.39'			10.93'
30'				2.1'	9.3'
38'				3.7'	7.7'
49'				4.9'	6.5'
65'				5.5'	5.9'
85'				5.5'	5.9'
99'				6.5'	4.9'
115'				7.4'	4.0'
132'				9.2'	2.2'
152'				10.9'	0.5'
171'				12.3'	-0.9'
191'				13.2'	-1.8'
210'				14.2'	-2.8'
230'				15.6'	-4.2'
254'				16.9'	-5.5'
280'				17.8'	-6.4'
310'				17.2'	-5.8'
333'				17.5'	-6.1'
368'				17.6'	-6.2'
396'				17.9'	-6.5'
410'				18.2'	-6.8'
435'				19.0'	-7.6'
462'				19.7'	-8.3'
TP	3.02	11.84	2.57		8.82
TBM.			2.15		9.69'

30

372

vol 56/20

DESC

SH R-26 RNG 20' PTA 8961

SAND

SH #6962 (21' 9.72')

R-27

Run	+	H1	-	Run	BLV.
78M.	6.78'	13.40'			12.62'
30'				2.4'	11.0'
40'				3.4'	10.0'
47'				4.7'	8.7'
58'				7.8'	5.6'
72'				9.9'	3.5'
92'				12.1'	1.3'
117'				13.2'	0.2'
135'				14.1'	-0.7'
160'				14.9'	-1.5'
183'				15.7'	-2.3'
207'				16.2'	-3.4'
225'				17.3'	-3.9'
241'				17.8'	-4.4'
262'				18.1'	-4.7'
288'				18.6'	-5.2'
309'				18.8'	-5.2'
331'				17.5'	-4.1'
350'				16.9'	-3.5'
375'				17.3'	-3.9'
409'				18.2'	-4.8'
450'				18.7'	-5.3'
7R	3.08'	14.38'	2.10'		11.30'
70M			3.45'		10.93'

10-91

no

vol. 56/121

155C

SH R-27 Pg. 20' p. # 6963

Sand

SH # 6964 (KL = 10.91)

10/13/03

35329-7

R-28

Rel.	+	H1	-	Pos	Elev.
TBM.	2.34	12.56			10.16
180'				3.3	9.2'
191				4.4	8.1'
204				5.4	7.1'
218'				7.1	5.4'
231'				8.7	3.8'
253'				11.0	1.5'
277				13.4	-0.9'
294'				14.2	-1.7'
310'				15.2	-2.7'
327'				18.1	-5.6'
355'				18.7	-6.2'
370				19.5	-7.0'
388				20.4	-7.9'
409'				20.2	-7.7'
430'				20.1	-7.6'
451'				19.7	-7.2'
472'				19.2	-6.7'
492'				19.5	-7.0'
513'				19.9	-7.4'
539'				19.8	-7.3'
582				19.8	-7.3'
TD	9.35	13.28	3.55		8.95
TBM.				3.99	9.21

93'

180'

VOL.

56/22

12880

SH R-28

Rel. 170PT# 6965

SAND

SH # 6966 (2-9.31)

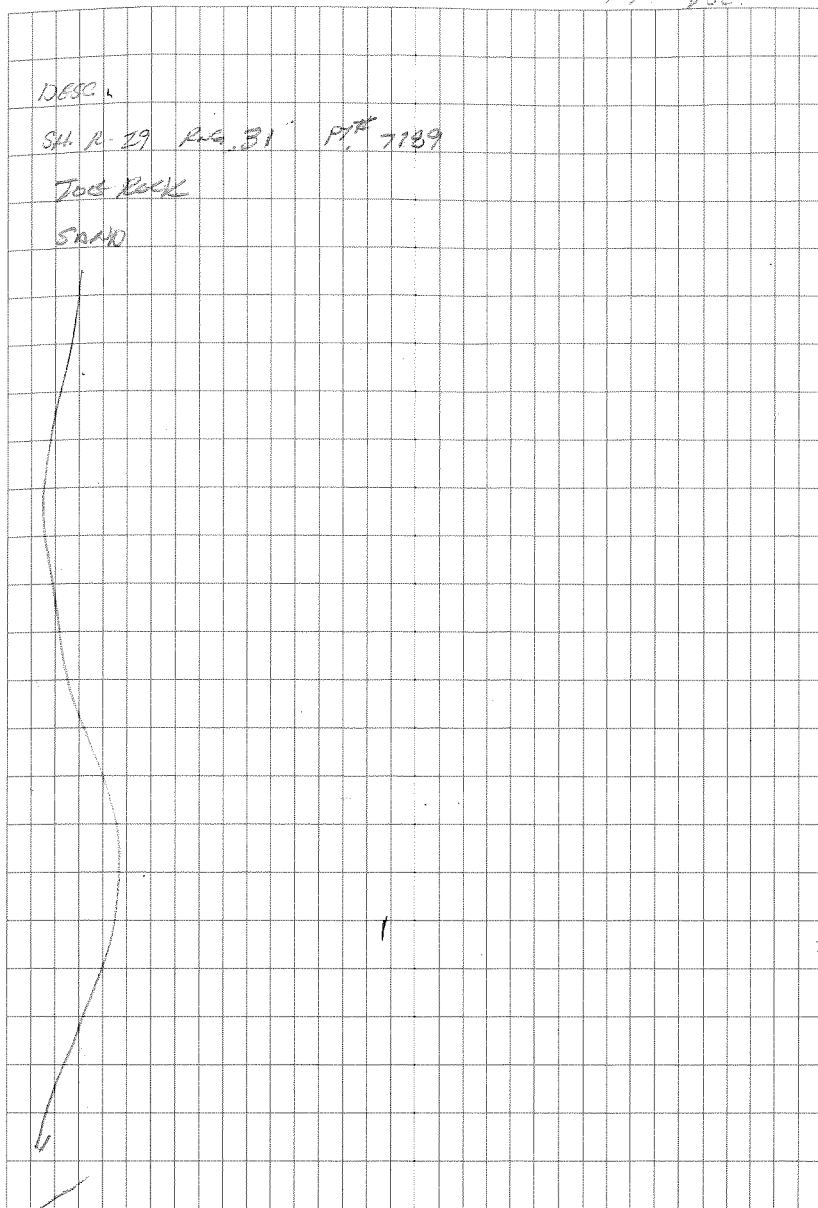
10/21/23

35329-7

R-29

Sta.	+	41	-	Rod	Elev.
TBM.	3.82	10.73			6.91'
31				3.8'	6.9'
40				4.2	6.5'
58				4.5	6.2'
79				4.9	5.8'
98				5.7	5.0'
119				7.9	2.8'
143				10.2	0.5'
168				12.1	-1.4'
195				13.3	-2.6'
212				14.2	-3.5'
237				15.1	-4.4'
260				16.4	-5.7'
285				17.5	-6.8'
304				17.8	-7.1'
323				17.7	-7.0'
338				17.9	-7.2'
358				17.6	-6.9'
383				17.3	-6.6'
400				17.1	-6.4'
417				16.9	-6.2'
435				17.0	-6.3'
469				17.0	-6.3'
TP	3.83	10.57	3.99		6.74
TBM.			4.10		6.47

* RESET HUBS

6.46 56/23
7190 Vol.

SH. # 7195 (SL-6.46)

10/18/23

35329-7

R30

RWD	+	HI	-	ROD	BLVD
TBM	1.52	11.35			9.83
30				2.2	9.2
43				3.5	7.9
67				5.0	6.4
81				5.9	5.5
99				7.7	3.7
119				10.8	1.4
139				12.0	-0.6
160				13.8	-2.4
184				14.5	-3.1
208				16.7	-5.3
233				17.2	-5.8
255				17.3	-5.9
270				17.8	-6.4
287				18.2	-6.8
300				17.7	-6.3
315				16.0	-4.6
330				14.7	-3.3
350				14.8	-3.4
365				15.0	-3.6
390				15.5	-4.1
413				15.8	-4.4
435				16.2	-4.8
468				17.0	-5.6
470				17.9	-6.5
TP	1.90	11.23	1.92		9.43
TBM			2.05		9.18

9.8

30

vol.

56/24

DESC

SPL R-30 RWD 30' STA 630

SAND



STA # 6910 (EL. 9.18')

10/13/23

35329-7

2-31

Point	+	HI	-	Red	Elev.
TBM	0.28'	11.74'			11.46'
45'				1.6'	10.1'
69'				5.2'	6.5'
90'				5.4'	6.3'
105'				6.3'	5.4'
125'				8.7'	3.0'
140'				10.7'	1.0'
157'				12.4'	-0.7'
175'				13.6'	-1.9'
191'				14.1'	-2.4'
210'				14.4'	-2.7'
229'				16.1'	-4.4'
253'				16.2'	-4.5'
278'				17.6'	-5.9'
304'				18.2'	-7.1'
329'				18.8'	-6.9'
345'				18.8'	-7.1'
372'				18.7'	-7.0'
392'				18.8'	-7.1'
410'				15.4'	-3.7'
453'				15.4'	-3.7'
481'				16.4'	-4.7'
510'				17.0'	-5.3'
540'				18.2'	-6.5'
TP	1.49	11.56'	1.67		10.07'
TBM			1.19		10.37'

10.75

45

vol

56/25

PDSO

SL P-31 Rm 35' P# 6971

SMD

SL # 6972 (elev 10.45')

10/16/23

35329-7

R-66

Relat.	+	H1	-	Relat.	Blow.
TBM	3.06'	9.57'			6.51'
25'				4.0'	5.6'
46'				5.4'	4.2'
68'				6.7'	2.9'
90'				7.7'	1.9'
113'				8.5'	1.1'
135'				9.0'	0.6'
155'				9.5'	0.1'
178'				9.4'	0.2'
200'				9.3'	0.3'
225'				10.0'	-0.4'
250'				10.6'	-1.0'
272'				11.1'	-1.5'
302'				12.3'	-2.7'
327'				13.1'	-3.5'
352'				14.1'	-4.5'
378'				15.2'	-5.6'
400'				16.3'	-6.7'
430'				17.0'	-7.4'
460'				17.4'	-7.8'
485'				18.0'	-8.4'
TR	4.08'	2.94'	3.71'		5.96'
TBM			4.47'		5.47'

596 25'

vol. 56/27

DESG

SH. R-66 Range 15' PA# 7114

SPARK

SH# 7115

(4.4' 5.96')

10/16/23

35329-7

R-67

RNG.	+	H1	-	RND	BLW
TRM	0.72'	7.26'			6.54'
15'				1.7'	5.6'
33'				3.0'	4.3'
53'				4.1'	3.2'
68'				4.9'	2.4'
89'				5.6'	1.7'
106'				6.3'	1.0'
125'				6.6'	0.7'
143'				6.8'	0.5'
162'				7.0'	0.3'
184'				7.6'	-0.3'
205'				7.8'	-0.5'
222'				8.1'	-0.8'
246'				8.6'	-1.3'
269'				9.2'	-1.9'
296'				10.2'	-2.9'
317'				11.3'	-4.0'
340'				12.3'	-5.0'
360'				13.3'	-6.0'
TP.	1.16'	6.96'	1.76'		5.80'
TRM.			1.45'		5.51'

550

56/122

DESC

SH R-67 RNG 5' P1# 7116

SAND



SH # 7117 (8" 5.54')

10/16/23

35329-7

R-68

Run.	+	HI	-	Pod	Elev
TBM	3.37	10.09'			6.72'
25'				4.0'	6.1'
42'				5.1'	5.0'
62'				6.4'	3.7'
84'				7.4'	2.7'
107'				8.1'	2.0'
125'				8.8'	1.3'
148'				9.4'	0.7'
171'				9.9'	0.2'
192'				10.4'	-0.3'
215'				10.6'	-0.5'
240'				11.0'	-0.9'
265'				11.7'	-1.6'
287'				11.7'	-1.6'
309'				12.2'	-2.1'
332'				12.8'	-2.7'
356'				13.7'	-3.6'
380'				15.0'	-4.9'
404'				15.9'	-5.8'
428'				16.7'	-6.6'
463'				18.3'	-8.2'
TP	3.51'	9.92'	3.65'		6.41'
TBM			3.79'		6.13'

25'
6.10'56/29
VOL

DESC

SH R-68 Run 15' MAX 7/18

SPAND

SH R-68 Run 15' MAX 7/18 (4.6.10)

10/16/23

35329-7

R-69

Rdg.	+	41	-	Rod	Blow.
TBM.	3.88'	10.56'			668
15'				4.7'	5.9'
35'				5.9'	4.7'
49'				6.8'	3.8'
71'				7.6'	3.0'
95'				8.2'	2.4'
117'				8.9'	1.7'
140'				9.6'	1.0'
165'				10.3'	0.3'
190'				10.9'	-0.3'
213'				11.2'	-0.6'
237'				11.6'	-1.0'
253'				11.9'	-1.3'
276'				12.3'	-1.7'
296'				12.9'	-2.3'
315'				13.2'	-2.6'
330'				13.7'	-3.1'
350'				14.9'	-4.3'
366'				15.9'	-5.3'
385'				16.8'	-6.2'
TD	4.12'	10.26'	4.42		6.14'
TBM.			4.46		580

15' 5.9'

Vol.

56/30

DIESEL

SH. A-69 RIG 5' P.A. 7120

SAND

SA * 7121 (4-5.31')

10/17/01

35329-7

M. BARKER
D. GUSTAF
J. CHANDLER

2.76

RNG	+	H1	-	ROD	ELW.
TBM	4.14	10.50'			6.36'
20'				4.8'	5.7'
38'				5.7'	4.8'
57'				6.6'	3.9'
74'				7.3'	3.2'
94'				7.8'	2.7'
114'				8.5'	2.0'
135'				9.1'	1.4'
160'				9.7'	0.8'
186'				10.1'	0.4'
210'				10.3'	0.2'
235'				10.7'	-0.2'
257'				10.9'	-0.4'
278'				11.2'	-0.7'
299'				11.4'	-0.9'
320'				11.5'	-1.0'
340'				11.8'	-1.3'
357'				12.2'	-1.7'
379'				12.8'	-2.3'
402'				13.4'	-2.9'
428'				15.0'	-4.5'
458'				16.4'	-6.1'
488'				18.9'	-8.3'
TP	4.65	10.70'	4.45		6.05'
TBM			4.99'		5.71

5.70' 20'

VOL

56/
131

DESC

SH. R. 76 R. 6.10' PL. # 7122

SAND

SH # 7123 (ELW 5.70')

10/19/23

35329-7

R-77

Reg	+	H1	-	RWD	ELW
TBM	3.79	9.39			5.60
15'				4.5	4.9'
33'				5.6	3.8'
53'				6.7	2.7'
77'				7.5	1.9'
101'				8.3	1.1'
125'				9.0	0.4'
147'				9.5	-0.1'
171'				9.9	-0.5'
195'				10.2	-0.8'
217'				11.1	-1.7'
239'				11.6	-2.2'
264'				11.1	-1.7'
289'				10.8	-1.4'
314'				11.0	-1.6'
339'				11.9	-2.5'
359'				12.4	-3.0'
380'				12.9	-3.5'
396'				13.9	-4.5'
412				15.0	-5.6'
438'				16.5	-7.1'
TP	3.88	9.01	4.26		5.13
TBM			4.15		4.8

15
4.88

56/32

Vd.

R-77

SH R-77 RWA 8' 12" 7124

SAND

1
SH # 7125 (EL 4.55)

10/11/23

35329-7

R 78

Run	+	141	-	Run	Elev.
TBM	4.09	9.94			5.85'
25'				4.8	5.1'
45'				5.7	4.2'
67'				6.6	3.3'
85'				7.3	2.6'
110'				8.1	1.8'
135'				8.7	1.2'
158'				9.2	0.7'
179'				9.7	0.2'
200'				10.1	-0.2'
225'				10.4	-0.5'
250'				10.6	-0.7'
270'				10.9	-1.0'
295'				11.2	-1.3'
320'				11.5	-1.6'
345'				11.9	-2.0'
372'				12.3	-2.4'
395'				12.8	-2.9'
415'				13.5	-3.6'
439'				14.2	-4.3'
471'				16.4	-6.5'
TP	4.08	9.65	4.37		5.57'
TBM			4.44		5.21'

529

26

Vol. 56/153

DESC.

SH R 78 Run 15' PTA 7126

SOUND

SH # 7127 (Elev 5.28')

10/17/23

35329-7

R-79

Lab.	+	141	-	ROD	Elev.
78M	5.78	10.56			6.78
30'				4.5	6.1'
48'				5.2	5.3'
63'				6.3	4.3'
99'				7.0	3.6'
109				7.6	3.0'
128'				8.2	2.4'
143'				8.7	1.9'
167'				9.1	1.5'
187'				9.5	1.1'
210'				10.0	0.6'
231'				10.3	0.3'
252				10.7	-0.1'
274				10.9	-0.3'
295'				11.1	-0.5'
315'				11.0	-0.4'
333				11.4	-0.8'
348'				11.7	-1.1'
375'				12.1	-1.5'
399				12.9	-2.3'
423'				13.5	-2.9'
445'				14.8	-4.2'
477'				17.1	-6.5'
530'				18.4	-7.8'
TP.	3.73	10.20	4.09		6.47'
78M			4.08		6.12'

6.12

30

vol.

56/
34

R-79

SH R-79 AUG 20 PJR 7128

SAND

SH #7129 (6.12)

10-17-23

35329-7

R 80

Run.	+	HI	-	Run	Elev.
TBM.	4.63	8.98 93			4.36
25'				4.7	4.2'
47				6.0	2.9'
68				6.6	2.3'
92				7.2	1.7'
118				7.6	1.3'
139				7.9	1.0'
169				8.3	0.6'
200				8.8	0.1'
228				9.4	-0.5'
242				9.7	-0.8'
261				10.2	-1.3'
282				10.9	-2.0'
296				11.1	-2.2'
319				11.5	-2.6'
337				10.8	-1.9'
348				10.9	-2.0'
367				11.7	-2.8'
392				11.8	-2.9'
423				14.5	-5.6'
445				16.0	-7.1'
TP	1.86	9.26	1.63		7.35-730
BM			5.54		3.67 62

7131

25

3.65

vol. 56/35

DESS

SH R-80 Run 15 PTH 7130

Sandy



7131 25 (3.65)

10/17/23

35329-7

K-81

Int.	+	H1	-	Rad	Elav.
TBM	3.61	9.24			5.63
10'				3.9	5.3
24'				4.5	4.7
46'				5.5	3.7
67'				6.6	2.6
98'				7.4	1.8
115'				8.5	1.2
138'				8.3	0.9
161'				8.3	0.9
185'				8.8	0.4
210'				9.3	-0.1
234'				10.0	-0.8
260'				10.6	-1.4
286'				10.7	-1.5
311'				11.8	-2.6
342'				12.6	-3.4
372'				12.1	-2.9
408'				11.9	-2.7
438'				12.5	-3.3
465'				13.2	-4.0
484'				14.7	-5.5
502'				16.1	-6.9
531				17.3	-8.1
TP	4.03	9.72	3.60		5.64
TBM			4.62		5.10

10
5.16

VOL.

56/36

DESK

SH R. 81 R.C. 1 PT. # 7132

DAND

SH # 7133 (EL = 5.16)

1/17/23

35329-7

R-82

Log.	+	41	-	Red	Elev.
TBM	2.70	8.18			5.48
20				3.8	4.4'
39				5.5	2.7'
62				6.4	1.8'
87				6.9	1.3'
111				7.5	0.7'
136				7.9	0.3'
164				8.2	0.0'
188				8.7	-0.5'
211				8.8	-0.6'
240				9.1	-0.9'
253				9.4	-1.2'
280				9.5	-1.3'
291				9.8	-1.6'
313				10.2	-2.0'
332				10.3	-2.1'
346				10.5	-2.3'
364				10.5	-2.3'
383				10.6	-2.4'
401				11.1	-2.9'
425				12.4	-4.2'
462				12.8	-4.6'
TN	3.62	8.64	3.76		4.42
TBM			3.52		4.52

7137

20
4.58

56/37

VOL

DESC.

SH R-82 Rwg. 9' pit 7132

Sand

SH * 7137 Elev (4.58')

10/17/03

35329-7

R-93

Inds.	+	H1	-	POD	Elev.
TBM.	0.54'	7.36'			6.82'
20'				1.2'	6.2'
38				3.3'	4.1'
58				3.1'	4.3'
79				4.1'	3.3'
98				4.9'	2.5'
122				5.7'	1.7'
147				6.2'	1.2'
170				6.5'	0.9'
194				6.9'	0.5'
211				7.3'	0.1'
235				7.7'	-0.3'
260				8.0'	-0.6'
286				8.6'	-1.2'
312				8.9'	-1.5'
338				9.4'	-2.0'
362				9.9'	-2.5'
392				10.7'	-3.3'
414				10.8'	-3.4'
430				11.0'	-3.6'
445				11.4'	-4.0'
470				12.8'	-5.4'
500				14.9'	-7.5'
531				15.9'	-8.5'
562				15.5'	-8.1'
TD.	0.95'	7.44'	0.87'		6.49'
TBM.			1.22'		6.22'

20' 6.20

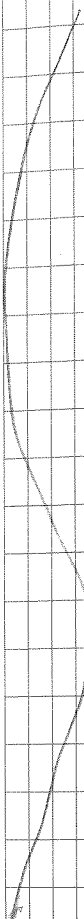
VOL.

56/38

DESC

SH R-83 R/L 1' RT# 7138

SAND



SH # 7139 (Elev. 6.20')

10/17/23

35329-7

2-84

RNG.	+	H1	-	R00	Elev.
TBM.	1.92	8.86			6.94'
15'				2.2'	6.7'
24'				2.4'	6.5'
54'				2.6'	6.3'
75'				3.7'	5.2'
100'				4.1'	4.8'
107'				4.5'	4.4'
131'				6.0'	2.9'
154'				6.9'	2.0'
178'				7.4'	1.5'
201'				7.8'	1.1'
226'				8.1'	0.8'
251'				8.4'	0.5'
276'				9.0'	-0.1'
301'				9.3'	-0.4'
326'				9.6'	-0.7'
360'				10.3'	-1.4'
380'				11.1'	-2.2'
400'				11.3'	-2.4'
422'				11.7'	-2.8'
449'				12.4'	-3.5'
475'				13.1'	-4.2'
500'				14.4'	-5.5'
523'				15.3'	-6.4'
543'				16.1'	-7.2'
576'				16.7'	-7.8'
605'				17.8'	-8.9'
TP	2.63	2.05	1.84		7.02'
TBM.			2.26'		6.79'

6.79 15'

56/139

VOL.

DEEC

SH R-84 ANG 5' P-7# 7140

SAND

SH # 7141 (6.6 6.79)

10/19/23

M. Barden

D. Carthage

J. Enright

35329-7

R-85

Run.	+	H1	-	Run	Elev.
TRM.	2.58'	10.22'			7.64'
20'				3.3'	6.9'
42'				4.7'	5.5'
67'				6.2'	4.0'
91'				7.4'	2.8'
115'				8.5'	1.7'
140'				9.1'	1.1'
165'				9.5'	0.7'
190'				10.4'	-0.2'
215'				11.5'	-1.3'
235'				12.5'	-2.3'
257'				13.1'	-2.9'
277'				13.3'	-3.1'
300'				12.5'	-2.3'
321'				11.9'	-1.7'
341'				12.2'	-2.0'
364'				12.2'	-2.0'
387'				12.5'	-2.3'
414'				12.9'	-2.7'
434'				13.2'	-3.0'
456'				14.4'	-4.2'
483'				16.7'	-6.5'
503'				19.3'	-8.1'
557'				19.0'	-8.8'
TP.	4.09	11.38	2.93		7.29'
Ten.			4.35		7.03'

20

7.08

10L

56/40

DNR

SN R-85 Run 10' PT# 7142

SAND

SN# 7143 (Elev 7.08')

10/10/23

35329-7

R-86

Rel.	+	HI	-	Rod	SWV.
704.	3.12'	9.56'			6.44'
35'				3.8'	5.8'
47'				4.8'	4.8'
71				6.3'	3.3'
95				7.5'	2.1'
120				8.3'	1.3'
150				8.8'	0.8'
175				9.2'	0.4'
200				9.6'	0.0'
223				10.0'	-0.4'
243				10.4'	-0.8'
265				10.7'	-1.1'
281				10.9'	-1.3'
306				11.9'	-2.3'
326				12.0'	-2.4'
345				12.9'	-3.3'
367				12.7'	-3.1'
383				12.7'	-3.1'
404				13.0'	-3.4'
425				13.7'	-4.1'
440				14.0'	-4.4'
460				14.5'	-4.9'
TP.	4.96	11.02'	3.50		6.06'
784.			5.32		5.70'

5.75 - 25'

36/
10L. 141

DESC

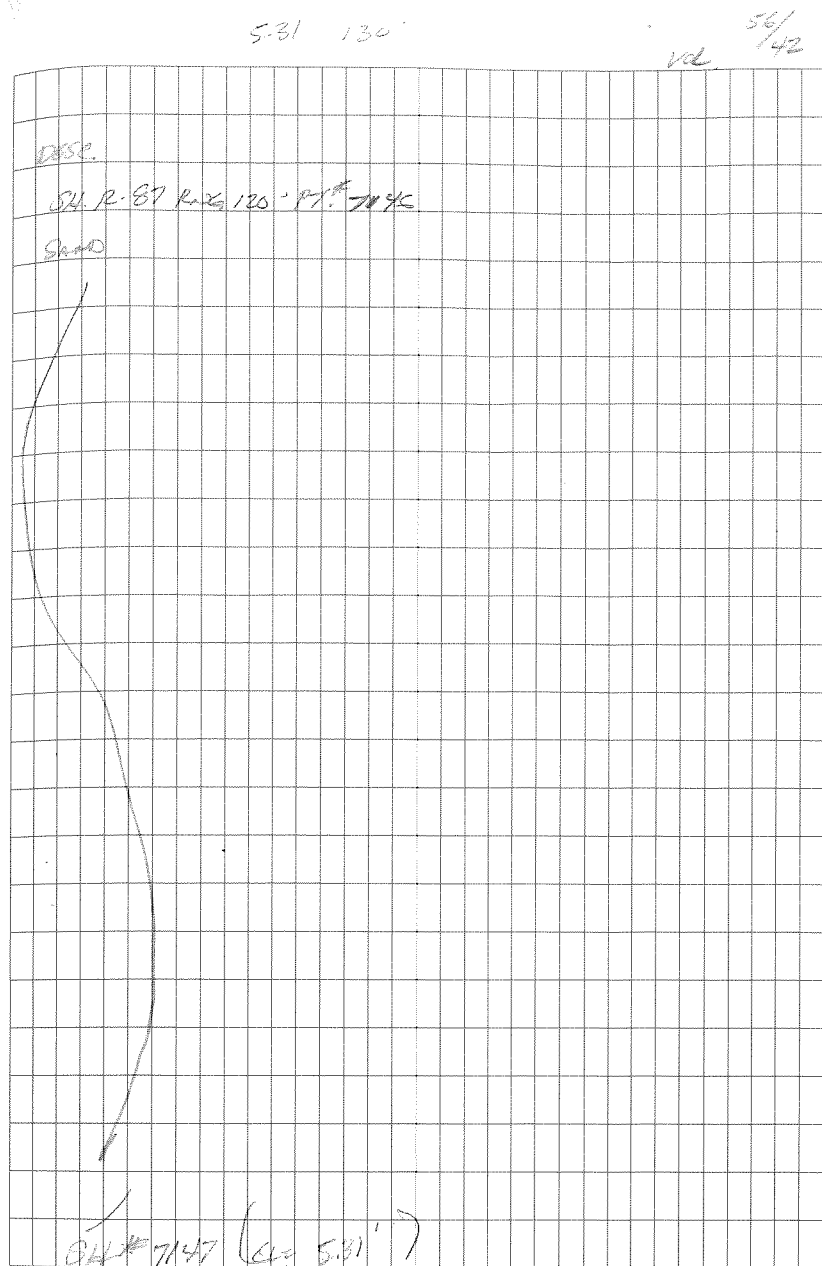
SH. R-86 Rod 15' PJ. # 7144

SHAD



SH # 7145 (L=5.75')

10/18/23		35329-7			
		R-87			
RNG.	+	LN	-	RND	ELEV
TRM.	2.19'	8.34'			6.15'
136'				2.9'	5.4'
146'				3.7'	4.6'
176'				4.9'	3.4'
194'				5.9'	2.4'
219'				6.8'	1.5'
249'				7.4'	0.9'
269'				7.6'	0.7'
293'				7.9'	0.4'
316'				8.1'	0.2'
335'				8.5'	-0.2'
356'				8.6'	-0.3'
376'				9.0'	-0.7'
399'				9.4'	-1.1'
416'				9.7'	-1.4'
444'				9.8'	-1.5'
468'				10.2'	-1.9'
492'				10.9'	-2.6'
514'				11.5'	-3.2'
540'				12.4'	-4.1'
586'				16.0'	-7.7'
TP.	3.58'	9.32'	2.60'		5.74'
TRM.			4.03'		5.29'



10/18/23

35329-7

R-88

RNG.	+	H1	-	ROU	BLW.
TRM.	2.60'	2.74'			5.14'
20'				3.1'	4.6'
38'				4.5'	3.2'
60'				5.6'	2.1'
81'				6.3'	1.4'
104'				6.9'	0.8'
127'				7.2'	0.5'
152'				7.5'	0.2'
177'				8.0'	-0.3'
200'				8.4'	-0.7'
220'				8.5'	-0.8'
255'				9.6'	-1.9'
280'				9.9'	-2.2'
305'				10.4'	-2.7'
320'				9.2'	-1.5'
345'				9.0'	-1.3'
365'				9.4'	-1.7'
390'				10.3'	-2.6'
410'				11.1'	-3.4'
435'				12.3'	-4.6'
TR.	372	8.65'	2.81		4.93'
TRM			4.04'		4.61'

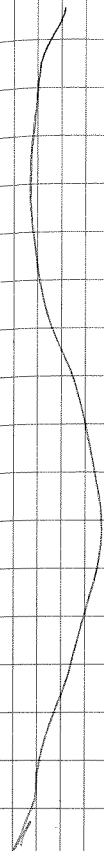
20' 4.58

vol. 56/43

DASE

SU R-88 RNG 10' PT# 7148

SAND



SA # 7149 (CL = 4.58')

10/18/23

35329-7

R-89

Run	+	H1	-	Rod	BLVD
TBM	2.91'	8.19'			5.28'
30'				33'	4.9'
50'				4.3'	3.9'
69'				5.4'	2.8'
90'				6.3'	1.9'
113'				6.5'	1.7'
138'				7.3'	0.9'
160'				7.5'	0.7'
183'				7.7'	0.5'
207'				8.1'	0.1'
232'				9.2'	-1.0'
254'				10.2'	-2.0'
273'				10.1'	-1.9'
302'				10.8'	-2.6'
330'				10.9'	-2.7'
358'				11.0'	-2.8'
374'				10.2'	-2.0'
404'				10.3'	-2.1'
425'				10.9'	-2.7'
445'				11.8'	-3.6'
460'				12.0'	-3.8'
472'				12.2'	-4.0'
TP	3.32'	8.60'	2.91'		5.28'
TBM			3.92'		4.68'

4.71 30'

rel 54/44

DESC

SH. 289 RLG. 20' PT. # 7150

SAND

SH # 7151 (EL. 4.71')

10/18/23

35329-7

R-90

Rel.	+	H1	-	POD	Blow.
TEL	2.84'	2.84'			6.00'
0'				3.3'	5.5'
20'				4.3'	4.5'
37'				5.4'	3.4'
60'				6.5'	2.3'
81'				7.1'	1.7'
102'				7.7'	1.1'
124'				8.3'	0.5'
149'				8.6'	0.2'
170'				8.7'	0.1'
194'				9.5'	-0.7'
208'				10.9'	-2.1'
230'				11.3'	-2.5'
253'				11.7'	-2.9'
275'				10.5'	-1.7'
305'				10.5'	-1.7'
325'				10.9'	-2.1'
344'				11.2'	-2.4'
365'				10.8'	-2.0'
376'				11.5'	-2.7'
396'				11.6'	-2.8'
TP	3.51'	9.40'	2.95'		5.89'
TEM			4.05'		5.35'

0' 5.37

vol. 54/45

DESC.

SK. R-90 RLG-10 PT# 7152

SAND

SV # 7153 (66° 5.37')

1068/23

35329-7

R-91

RNG	+	IN	-	Res	ELV.
7311	3.27	9.38			6.11
20'				4.1	5.3
45'				5.4	4.0
67'				6.2	3.2
88'				7.1	2.3
109				7.7	1.7
132				8.3	1.1
152				8.6	0.8
172				8.9	0.5
193'				9.1	0.3
214				9.4	0.0
236				9.9	-0.5
250'				10.2	-0.8
267				11.0	-1.6
286				11.6	-2.2
306'				12.3	-2.9
336'				12.0	-2.9
361'				11.7	-2.3
393				11.3	-1.9
420'				11.5	-2.1
435				12.4	-3.0
450'				13.6	-4.2
7P.	4.24	9.62	4.00		5.38
701.			4.65		4.97

20' 4.95

Vol. 56/46

DESE

X MARK R-91 RNG, 10' DIST 7154

SAND

SH # 7155 (ELV 4.95)

10/8/23

35329-7

R-92

RWG.	+	H1	-	R00	ELW.
TBM.	3.61'	16.14'			6.53'
15'				4.4'	5.7'
32				5.1'	5.0'
53				6.4'	3.7'
76				7.7'	2.4'
99				8.5'	1.6'
115				9.0'	1.1'
137				9.4'	0.7'
161				9.7'	0.4'
180				10.0'	0.1'
196				11.5'	-1.4'
221				11.4'	-1.3'
239				12.3'	-2.2'
264				12.5'	-2.4'
289				11.7'	-1.6'
310				11.7'	-1.6'
335				12.0'	-1.9'
359				12.4'	-2.3'
385				12.6'	-2.5'
427				13.3'	-3.2'
475				13.4'	-3.3'
527				17.1'	-7.0'
TP	4.13'	9.84'	4.43'		5.71'
TBM.			4.19'		5.65'

5.66 - 15'

VOL.

56/47

DESC.

SH. R-92 RWG 5' PT# 7156

SPARK

SH # 7157 (EL = 5.66')

10/15/73

35329-7

L-93

Run	+	H1	-	Row	Uer.
784	3.67	9.76			6.09
20				4.4	5.4
34				4.8	5.0
57				5.9	3.9
78				7.1	2.7
98				7.7	2.1
116				8.1	1.7
135				8.5	1.3
159				8.8	1.0
182				9.1	0.7
200				9.4	0.4
218				9.6	0.2
238				10.0	-0.2
260				10.2	-0.4
275				10.4	-0.6
300				11.4	-1.6
327				11.5	-1.7
349				12.4	-2.6
372				13.1	-3.3
395				13.1	-3.3
417				14.1	-4.3
441				15.2	-5.4
TO	4.55	10.16	4.15		5.61
TBM			4.75		5.41

5.40

20

Vol. 56/48

10560

SH. R-93 Run 10. PPR 7158

BAND

SH # 7159 (20 5.40)

12/20/23
P. VOUTS
ETC.

35329-7

R. 94

RNG.	+	141	-	ROO	ELW.
784	2.94	8.67			5.73
30'				3.7	5.0'
45				5.4	3.3'
66				6.5	2.2'
88				7.2	1.5'
114				7.5	1.2'
140				8.3	0.4'
167				9.8	-1.1'
196				10.4	-1.7'
231				9.5	-0.8'
253				9.3	-0.6'
283				9.5	-0.8'
302				9.7	-1.0'
333				10.1	-1.4'
349				10.7	-2.0'
371				11.7	-3.0'
409				12.8	-4.1'
424				13.8	-5.1'
451				14.7	-6.0'
480				15.6	-6.9'
516				16.7	-8.0'
TP	2.16	9.12	1.67		7.00
10M			4.16		5.00

30 4.96

Vol. 56/49

DEEC

XMARK R-94 KAG. 20' PJ# 7160

~~SPH~~ ASPH

EP

SAND



SN# 7161 30 (4.96)

10/20/23

35329-7

R-95

Rdg	T	H1	-	Rwd	Blk
734	3.48	9.05			5.57'
20				4.3	4.8'
37				5.7	3.4'
59				7.0	2.1'
84				7.7	1.4'
108				8.2	0.9'
135				8.6	0.5'
164				9.5	-0.4'
182				10.1	-1.0'
205				11.2	-2.1'
219				11.6	-2.5'
231				11.4	-2.3'
249				11.4	-2.3'
262				10.7	-1.6'
274				10.6	-1.5'
285				10.7	-1.6'
318				11.1	-2.0'
321				11.3	-2.2'
346				11.6	-2.5'
359				11.8	-2.7'
386				12.0	-2.9'
420				12.6	-3.5'
TP	4.60	9.67	3.98		5.07
BM			4.73		4.94

4.86 20

vol. 56/50

D66

SH. R-95 R-10

PT# 7162

SAND

PT# 7163 20 (4.86)

10/20/23

35329-7

R. 96

Rel.	+	NI	-	Lo	BLV
784	3.64	9.19'			5.55'
10				4.2	5.0'
29				5.5	3.7'
51				6.8	2.4'
74				7.7	1.5'
100				8.1	1.1'
132				8.6	0.6'
159				9.3	-0.1'
170				10.5	-1.3'
193				11.2	-2.0'
222				11.7	-2.5'
250				11.7	-2.5'
265				11.6	-2.4'
279				11.0	-1.8'
301				11.0	-1.8'
323				11.4	-2.2'
341				11.8	-2.6'
365				12.1	-2.9'
387				12.2	-3.0'
414				12.4	-3.2'
430				13.0	-3.8'
460				14.6	-5.4'
TP	4.40'	9.68	3.91'		5.28'
RM			4.82		4.86'

7165

4.94

10

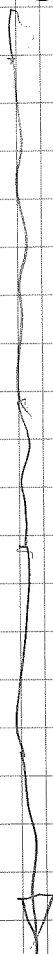
vol.

56/151

DESC

SH R-96 R-60' PT# 7164

SAND



SH 7165 10' (4.94)

10/1/23

35329-7

R-97

Rdg	+	Hr	-	ROD	GLOR
74	3.61	8.84			5.23
15				4.1	4.7
34				5.4	3.4
57				6.7	2.1
80				7.3	1.5
102				8.0	0.8
128				8.4	0.4
151				8.7	0.1
174				8.8	0.0
204				9.2	-0.4
232				9.5	-0.7
247				9.8	-1.0
266				10.1	-1.3
282				10.4	-1.6
302				11.4	-2.6
324				11.9	-3.1
340				12.3	-3.5
368				11.9	-3.1
386				11.4	-2.6
415				12.4	-3.6
428				13.5	-4.7
449				14.0	-5.2
468				15.3	-6.5
490				16.2	-7.4
TP	4.30	9.16	3.98		4.86
RM			4.63		4.53

7167

15 4.57

Vol. 56/52

DESC

SHA 12-97 RLG. 5' PY# 7166

SAND



SHA# 7167 15° (4.57)

10/20/23

35329-7

R. 98

Rub.	+	H1	-	Raw	Elev
TBM.	3.37	8.49			5.12
15				4.2	4.3
33				5.7	2.8
57				6.8	1.7
83				7.7	0.8
110				8.2	0.3
139				8.8	-0.3
160				9.7	-1.2
178				10.0	-1.5
195				9.7	-1.2
215				9.7	-1.2
235				9.8	-1.3
255				10.0	-1.5
278				10.8	-2.3
297				10.8	-2.3
325				11.1	-2.6
339				11.5	-3.0
370				12.0	-3.5
407				12.6	-4.1
450				13.6	-5.1
487				15.6	-7.1
529				15.9	-7.4
565				16.5	-8.0
TIP	4.44	8.98	3.95		4.54
BM			4.53		4.45

7169 15 4.42

Vol. 56/53

DESC

S.H. R. 98 R.A. 5" P.T. 7168

SAND



7169 15 (4.42)

10/20/83

35329.7

2.99

RWG.	+	H ₁	-	RWD	LOW.
TBM	3.00	7.54'			4.54'
10				3.0	4.5'
37				3.9	3.6'
52				4.7	2.8'
76				5.7	1.8'
103				6.4	1.1'
124				6.8	0.7'
150				7.2	0.3'
175				7.4	0.1'
197				7.7	-0.2'
222				8.3	-0.8'
249				9.2	-1.7'
262				10.0	-2.5'
282				10.1	-2.6'
301				11.3	-3.8'
324				9.9	-2.4'
341				9.7	-2.2'
356				10.1	-2.6'
380				10.9	-3.4'
397				11.7	-4.2'
430				12.9	-5.4'
473				14.3	-6.8'
TP:	3.95	8.73'	2.76		4.78'
			4.57		4.16'

0.418

y.d. 56/54

DESC

SH. R-99 RWS-10' PTA 7170

SAND


~~511~~ 7170 0 (4.18)

10/20/23

35329-7

R-100

RWB.	+	H1	-	ROD	CLAY
70m	2.52	6.93'			4.41'
15'				2.6	4.3'
37				4.0	2.9'
52				4.6	2.3'
73				5.4	1.5'
98				6.1	0.8'
124				6.5	0.4'
148				6.8	0.1'
173				7.2	-0.3'
197				7.8	-0.9'
222				8.7	-1.8'
237				9.0	-2.1'
254				9.4	-2.5'
269		8.6		9.8	-1.7'
287				8.4	-1.5'
308				8.5	-1.6'
324				8.8	-1.9'
341				9.0	-2.1'
361				9.2	-2.3'
380				9.8	-2.9'
397				10.2	-3.7'
412				11.3	-4.4'
430				12.1	-5.2'
453				12.8	-5.9'
474				12.3	-5.4'
514				13.3	-6.4'
560				13.4	-6.5'
TR	4.12	8.61'	2.24		4.69'
BM			4.92		3.89'

15' 3.88

Vol. 56/55

DESC

SH. R-100 Sub. 5' RT# 7172

SAND



SH # 7173 15 (3.88)

10/19/23
M. Berke
D. Gorton
J. C. C. 242

35329-7

R-101

Rel.	+	H	-	Red	Gray
702	4.07	8.52			4.45
25				4.6	3.9
40				5.7	2.8
57				6.6	1.9
75				7.2	1.3
95				7.9	0.6
117				8.4	0.1
137				8.9	-0.4
158				9.5	-1.0
176				10.0	-1.5
195				9.7	-1.2
213				10.5	-2.0
236				10.2	-1.7
254				10.6	-2.1
275				10.9	-2.4
293				11.0	-2.5
317				11.0	-2.5
340				11.5	-3.0
358				11.5	-3.0
378				11.5	-3.0
403				11.8	-3.3
TP.	3.69	8.33	2.88		4.64
TPM.			4.40		3.93

25 3.96

56/56
Vol. 1/56

DESC.

SH R-101 Rel. 15 PT. 7174

BRAND

SH 7175 (62.7.96)

10/14/23

35329-7

R-102

PNG	+	H1	-	ROW	ELEV.
784	4.16	8.86			4.70
40				4.6	4.3
63				5.6	3.3
81				6.6	2.3
104				7.5	1.4
125				8.3	0.6
147				8.8	0.1
168				9.3	-0.4
187				9.6	-0.7
208				9.9	-1.0
231				10.2	-1.3
248				10.5	-1.6
271				10.6	-1.7
297				11.0	-2.1
319				11.3	-2.4
350				11.7	-2.8
370				12.0	-3.1
390				12.0	-3.1
411				12.1	-3.2
432				12.3	-3.4
462				13.1	-4.2
TP	7.53	9.11	7.28		4.58
TRM			4.76		4.85

46 4.32

vol. 36/57

DESC

SHA R-102 PNG 30 PT# 7176

SAND

SHA# 7177 EL = 4.32

10/19/23

35329-7

R-103

Run	+	HI	-	Run	BLW
784	3.85	8.60			4.75'
15'				4.5	4.1'
34'				5.1	3.5'
51'				6.0	2.6'
67'				6.6	2.0'
86'				7.2	1.4'
106'				7.7	0.9'
125'				8.1	0.5'
145'				8.3	0.3'
167'				8.7	-0.1'
195'				9.1	-0.5'
220'				9.4	-0.8'
242'				9.8	-1.2'
265'				10.0	-1.4'
288'				10.7	-2.1'
319'				10.9	-2.3'
340'				11.2	-2.6'
365'				11.5	-2.9'
385'				11.9	-3.3'
412'				12.0	-3.4'
441'				13.0	-4.4'
467'				14.9	-6.3'
TP	4.37	8.85	4.12		4.48
TR-1			4.70		4.15

15. 4.23

56/53
vol.

DESC.

SH. R-103 AUG. 5. PT. # 7178

SAND

SW # 7178 (CL 4.23)

10/19/23

35329-7

R-154

Rdg.	+	H1	-	Red	ELV.
704	320	8.41			5.21
70				3.2	5.2
85				3.9	4.5
100				4.5	3.9
123				5.6	2.8
143				6.5	1.9
165				7.2	1.2
186				7.7	0.7
208				8.1	0.3
231				8.5	-0.1
256				8.7	-0.3
280				9.0	-0.6
300				9.3	-0.9
325				9.7	-1.3
353				9.9	-1.5
378				10.2	-1.8
406				10.6	-2.2
423				10.9	-2.5
448				11.5	-3.1
474				12.5	-4.1
495				13.1	-4.7
TD	4.54	8.75	4.20		4.21
TDH			4.85		3.90

100

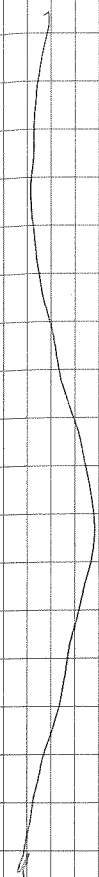
3.89

Vol. 56/59

DESC.

SH RICH RLG 70' PT # 7180

SAND



OH # 7181 (CL = 3.89)

10/19/23

35309-7

M. Brallier
D. Carpenter
T. Cacique
R. V.

R-42

+

H1

-

Rm

Elev.

701 0.66 11.03' 10.37'

50' 1.5' 9.5'

61' 3.4' 7.6'

72' 4.4' 6.6'

83' 4.6' 6.4'

100' 4.4' 6.6'

113' 4.3' 6.7'

125' 5.5' 5.5'

143' 7.0' 4.0'

166' 8.5' 2.5'

185' 9.3' 1.7'

198' 9.7' 1.3'

223' 10.8' 0.2'

250' 12.5' -1.5'

271' 13.1' -2.1'

295' 13.5' -2.5'

315' 15.1' -4.1'

340' 16.4' -5.4'

370' 17.3' -6.3'

400' 17.9' -6.9'

430' 19.0' -8.0'

450' 19.1' -8.1'

465' 19.1' -8.1'

485' 19.3' -8.3'

70 1.69' 11.56' 1.16' 9.87'

70M. 2.03' 9.53'

50' 952

VOL 56/160

DESC

SH. R-42 Rm 40' PWT 7033

CARD

SH. # 7089 (ELE 9.52')

10/19/23

35829-7

R-43

PAIG.	+	H1	-	POD	ELEV.
734	3.37	13.63			10.26
60				4.3	9.3
80				4.7	8.9
102				6.6	7.0
125				8.0	5.6
144				8.8	4.8
166				10.4	3.2
188				12.4	1.2
212				14.1	-0.5
240				15.2	-1.6
260				16.1	-2.5
285				16.8	-3.2
301				17.7	-4.1
320				20.1	-6.5
340				20.4	-6.8
350				20.7	-7.1
375				20.6	-7.0
390				20.6	-7.0
405				20.6	-7.0
7P	3.84	13.43	4.04		9.59
7BM			4.10		9.33

60' 935

305

rel

32/41

DESC

SH. R 43 Rod 50' 147*7090

SAND

SH. 7091 (CL. 9.35)

10/19/23

35329-7

E44

RNG.	+	H1	-	R00	Elev
TBM	1.76'	12.04			10.28
70'				3.1'	8.9'
88'				5.1'	6.9'
108'				7.3'	4.7'
129'				8.4'	3.6'
152'				9.6'	2.4'
177'				11.0'	1.0'
200'				12.2'	-0.2'
225'				13.6'	-1.6'
250'				14.6'	-2.6'
270'				15.6'	-3.6'
292'				17.1'	-5.1'
310'				19.1'	-7.1'
324'				19.3'	-7.3'
334'				19.7'	-7.7'
356'				20.0'	-8.0'
370'				20.0'	-8.0'
390'				20.4'	-8.4'
TP.	2.54'	11.83'	2.75'		9.29'
TBM.			2.78'		9.05'

70 903

200

vol.

56/62

IDSSC

SH R44 RNG 65 P18 7692

SHAND

SH# 7093 (EL 9.03')

10/19/63

35329-7

R.45

Run	+	HI	-	ROD	LOW
78M	2.11	11.88'			9.77
50'				2.5	9.4'
66'				4.4	7.5'
84'				6.1	5.8'
103'				7.1	4.8'
127'				8.7	3.2'
152'				10.1	1.8'
176'				11.2	0.7'
200'				12.3	-0.4'
226'				13.5	-1.6'
247'				14.4	-2.5'
257'				14.9	-3.0'
278'				16.2	-4.3'
298'				16.5	-4.6'
312'				19.2	-7.3'
330'				19.8	-7.9'
356'				20.1	-8.2'
370'				19.9	-8.0'
387'				19.5	-7.6'
TP	1.99	11.61'	2.26'		9.62
713M			2.24'		9.37'

937 50

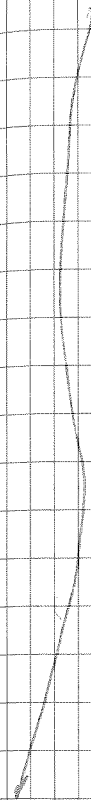
290

Vol 36/163

R.45

SH R.45 R.45 P.7#7094

SAND



SH#7095

(56-9.37)

10/19/23

35829.7

R-46

RNG

+

141

-

R00

L10V

TBM

4.32'

13.42'

9.10

150'

4.7'

8.7'

169'

4.8

8.6'

179'

5.6'

7.8'

202'

7.7'

5.7'

223'

8.9'

4.5'

244'

9.7'

3.7'

269'

10.9

2.5'

289'

12.3

1.1'

312'

13.2

0.2'

337

14.2

-0.8'

350'

15.0

-1.6'

380'

15.9

-2.5'

400'

17.1

-3.7'

414

19.1

-5.7'

430'

19.3

-5.9'

445'

19.1'

-5.7'

465'

19.1'

-5.7'

493

20.5

-7.1'

505'

20.0

-6.6'

TR

4.87'

13.93

4.36'

9.06-

TBM

5.09'

8.84'

8.84 150

420

vol 56/64

DESC

SH R-46 RNG 141 171 2006

SEED

SH # 2097 (BL = 8.84)

10/19/23

35329-7

R-47

Rdg.	+	HL	-	Rd	ELV
704.	2.28'	11.77'			9.49'
120'				3.0'	8.8'
123'				5.4'	6.4'
146'				7.4'	4.4'
168'				9.0'	2.8'
189'				10.1'	1.7'
209'				10.6'	1.2'
229'				11.1'	0.7'
249'				11.3'	0.5'
269'				11.7'	0.1'
289'				12.0'	-0.2'
307'				12.4'	-0.6'
328'				13.3'	-1.5'
345'				14.0'	-2.2'
356'				15.1'	-3.3'
376'				15.8'	-4.0'
388'				16.2'	-4.4'
405'				16.9'	-5.1'
419'				17.9'	-3.1'
431'				14.7'	-2.9'
448'				14.6'	-2.8'
465'				14.9'	-3.1'
492'				15.4'	-3.6'
506				15.8'	-4.0'
TP	2.48'	11.54'	2.71		9.06'
TRM			2.79		8.75'

8.74

100

420

Vol. 56/65

DESC

SH. 4.47 R/L 90' FTT 7088

SAND

SH H 7099 (EL= 8.74')

10/17/23

35329-7

R 48

Run	T	H1	-	Run	ELV.
TEM	3.27'	12.39'			9.12'
55'				3.9'	8.5'
73'				5.0'	7.4'
95'				6.5'	5.9'
115'				7.8'	4.6'
135'				9.2'	3.2'
156'				10.6'	1.8'
173'				11.2'	1.2'
187'				11.5'	0.9'
206'				12.3'	0.1'
225'				13.0'	-0.6'
241'				13.6'	-1.2'
259'				14.3'	-1.9'
290'				14.8'	-2.4'
308'				16.3'	-3.9'
325'				17.8'	-5.4'
343'				20.4'	-8.0'
360'				20.2'	-7.8'
378'				20.5'	-8.1'
399'				20.9'	-8.5'
TP	3.39'	12.15'	3.63'		8.76'
TEM			3.62'		8.53'

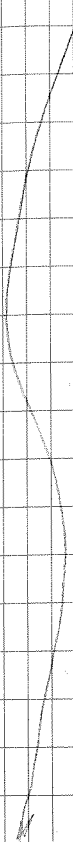
854 35-320

vib. 7/66

DESC

SH R. 48 R. 645 PJ# 7100

SAND



 SH# 7101 (EL: 8.54)

10/19/23

35329-7

R-49

Run	+	H	-	Run	Run
73M	2.97'	12.19'			9.22'
70'				3.4'	8.8'
87'				4.7'	7.5'
108'				6.9'	5.3'
131'				8.9'	3.3'
152'				10.4'	1.8'
170'				10.9'	1.3'
191'				10.9'	1.3'
209'				11.4'	0.8'
228'				12.0'	0.2'
246'				12.5'	-0.3'
265'				13.1'	-0.9'
283'				13.7'	-1.5'
298'				14.3'	-2.1'
320'				15.1'	-2.9'
345'				16.5'	-4.3'
365'				17.8'	-5.6'
393'				18.7'	-6.5'
420'				18.4'	-6.2'
433'				16.9'	-4.7'
TP	3.33'	12.44'	3.08'		9.11'
78M			3.57'		8.87'

70 8.87

350

Vol 56/67

ID 550

SH R-49 R-40 PT* 7102

SAND

SH* 7103

(ELE 8.87)

10/21/63

M. Cadden
D. Cadden
J. Cadden
R. Cadden

35329-7

R-50

	+	H1	-	POD	BLM.
TBM	2.57'	11.84'			9.27'
35'				2.7'	9.1'
54'				4.0'	7.8'
73'				5.5'	6.3'
93'				6.7'	5.1'
116'				8.0'	3.8'
138'				9.4'	2.4'
159'				10.6'	1.2'
180'				11.3'	0.5'
196'				12.1'	-0.3'
213'				13.2'	-1.4'
238'				13.9'	-2.1'
256'				14.5'	-2.7'
285'				15.8'	-4.0'
305'				17.6'	-5.8'
335'				18.3'	-6.5'
365'				18.1'	-6.3'
TP.	2.27'	11.63'	2.48'		9.36'
TBM.			2.49'		9.14'

9.14 35

279

Vol 56/88

DESC

SH R-50 R-625 PT# 7104

SAND

SALT 7105 (ELEV. 14)

10/21/23

35329-7

R-51

R/LG	J	H1	-	R/D	CLWV.
TBM	3.83	12.76			8.93'
30'				4.3	8.5'
51'				4.9	7.9'
73'				6.1	6.7'
95'				6.6	6.2'
112'				6.6	6.2'
133'				8.1	4.7'
153'				9.4	3.4'
172'				10.5	2.3'
190'				11.5	1.3'
210				12.1	0.7'
228				12.8	0.0'
248'				13.7	-0.9'
269				14.6	-1.8'
305'				15.8	-3.0'
330'				17.0	-4.2'
357'				18.1	-5.3'
390				18.4	-5.6'
419'				18.9	-6.1'
TP.	3.85	12.59	4.62		8.74'
TBM			4.16		8.43'

325

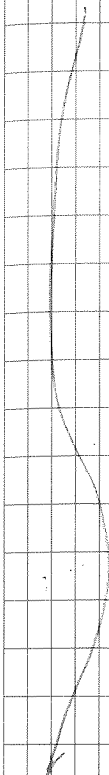
8.43

vol 56/59

DEGL

SH. R-51 R/LG 20' R/LG 7106

SAND



SH # 7107 (CLW 8.43)

W. 1/2

35329-7

R-52

Run.	+	H1	-	Run	Elev.
784	1.53	11.62'			10.09'
75				3.6	8.0'
42				5.3	6.3'
59				6.4	5.2'
78				7.6	4.0'
104				8.9	2.7'
125				9.3	2.3'
150				9.6	2.0'
171				10.2	1.4'
195				10.7	0.9'
221				11.7	-0.1'
245				12.9	-1.3'
260				13.6	-2.0'
279				13.9	-2.3'
291				14.5	-2.9'
305				15.5	-3.9'
322				16.5	-4.9'
342				17.0	-5.4'
365				18.6	-7.0'
390				19.4	-7.8'
403				19.9	-8.3'
Tip.	3.09	1143	3.28		8.34'
T.M.			3.39		8.04'

310

2.03

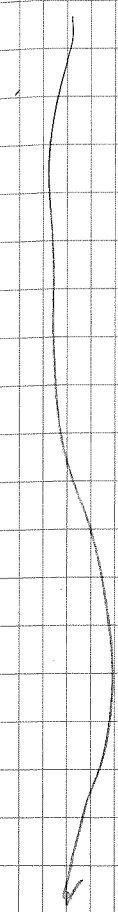
Vol

56/70

DESC

SH R-52 Aug 15 PJ*7108

SAND


 SH # 7109 (EL 2.03)

10/21/00

35329-7

R 53

Rdg	+	H ₁	-	Rdg	6LOW
701	4.06	12.84			8.78
35'				4.2'	8.6'
55'				5.1'	7.7'
74'				5.8'	7.0'
95'				6.6'	6.2'
111'				7.2'	5.6'
135'				10.4'	2.4'
151'	1.6'			12.4'	0.4'
168'	1.2'			13.0'	-0.2'
185'	1.0'			13.8'	-1.0'
210'	0.8'			13.3'	-0.5'
230'	0.6'			13.2'	-0.4'
250'	0.4'			13.6'	-0.8'
270'	0.2'			14.2'	-1.4'
289'	0.1'			14.7'	-1.9'
307'	0.0'			15.2'	-2.4'
327'	0.0'			16.1'	-3.3'
346'	0.0'			17.1'	-4.3'
364'	0.0'			18.0'	-5.2'
382'	0.0'			19.4'	-6.6'
TP	3.73'	12.66'	3.91'		8.93'
TBM			4.00'		8.64'

335

8.65

35

ML 56/71

10/21/00

SH R. 53 RLG. 25 P. 7110

+ SAND

SH. 7111

(8.65)

10/21/62

35329-7

R.54

Run	+	41	-	Run	Alt
TRM	3.90	12.39			8.49
15'				42	8.2'
33'				45	7.9'
47'				55	6.9'
61'				66	5.8'
82'				71	5.3'
102'				83	4.1'
125'				105	1.9'
146'				123	0.1'
171'				132	-0.8'
195'				138	-1.4'
220'				145	-2.1'
238'				151	-2.7'
255'				156	-3.2'
275'				162	-3.8'
299'				167	-4.3'
322'				166	-4.2'
336'				167	-4.3'
355'				170	-4.6'
372'				180	-5.6'
TR	4.23	12.68	3.94		8.45
TRM			4.49		8.19

270

8.19

7113

rd 56/192

DASH

SH. R. 54 Run 5 DASH 7112

SAND

SH# 7113 (AL= 8.19)

Section 6

Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: Morgan & Eklund, Inc.

Publication_Date: 20231106

Publication_Time: Unknown

Title: 2023 VOLUSIA COUNTY SURVEY

Edition: OCTOBER 2023

Series_Information:

Publication_Information:

Publication_Place: Vero Beach, Florida

Publisher: Morgan & Eklund, Inc.

Larger_Work_Citation:

Citation_Information:

Series_Information:

Description:

Abstract: This submittal is a hydrographic and topographic survey of the Volusia County shore protection monitoring profiles along FDEP ranges R-000 to R-208.

Purpose: To collect hydrographic and topographic survey to monitor the amount of sand accretion and erosion.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Multiple_Dates/Times:

Range_of_Dates/Times:

Beginning_Date: 20230821

Ending_Date: 20231021

Currentness_Reference: Publication date

Status:

Progress:

Maintenance_and_Update_Frequency:

Spatial_Domain:

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West_Bounding_Coordinate: -80.105277

East_Bounding_Coordinate: -80.813681

North_Bounding_Coordinate: +29.435000

South_Bounding_Coordinate: +28.937361

Keywords:

Theme:

Theme_Keyword_Thesaurus: Theme

Theme_Keyword: Hydrographic

Theme_Keyword: Survey

Theme_Keyword: Topographic

Place:

Place_Keyword_Thesaurus: Place

Place_Keyword: R-000 to R-208

Place_Keyword: Florida

Place_Keyword: Volusia County

Stratum:

Stratum_Keyword_Thesaurus: Stratum

Stratum_Keyword: Surface

Temporal:

Access_Constraints: None

Use_Constraints: This survey information is accurate as of the date of publication. Hydrographic survey data is subject to change rapidly due to several factors including but not limited to natural accretion and erosion processes. Morgan & Eklund, Inc. accepts no responsibility for changes in the hydrographic conditions which develop after the date of publication. This information is intended for the internal use of the municipality and it is being provided for external use as a public service. This agency accepts no responsibility for errors or omissions contained in this data. The accuracy of this data is therefore not guaranteed.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Organization_Primary:

Contact_Organization: Morgan & Eklund, Inc.

Contact_Person: David W. Coggin

Contact_Address:

Address_Type: Mailing address

Address: 4909 US Highway 1

City: Vero Beach

State_or_Province: Florida

Postal_Code: 32967

Country: USA

Contact_Voice_Telephone: 772.388.5364

Contact_Facsimile_Telephone: 772.388.3165

Contact_Electronic_Mail_Address: dcoggin@morganeklund.com

Security_Information:

Cross_Reference:

Citation_Information:

Series_Information:

Publication_Information:

Data_Quality_Information:

Attribute_Accuracy:

Logical_Consistency_Report: The quality of the data collected is consistent between dates and vessels/equipment used for collection.

Completeness_Report: The listed survey represents complete collection for this date.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report: Survey data is accurate to +/-1.0 feet.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

Offshore profile data collection was performed to FDEP specifications using Trimble SPS 852 Real-Time Kinematic GPS, Hypack Navigation Software, an Odom CVM Digital Echosounder, TSS Motion Compensator. All staff installations, leveling and bathymetric surveys conformed to the FDEP specifications and the Florida Minimum Technical Standards.

The vertical accuracy meets the requirements of a USACE Class I Hydrographic Survey.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:
Originator: Volusia County
Publication_Date: Unknown
Publication_Time: Unknown
Title: Unknown
Geospatial_Data_Presentation_Form: Map
Series_Information:
Publication_Information:
Larger_Work_Citation:
Citation_Information:
Series_Information:
Publication_Information:
Type_of_Source_Media: Paper
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Multiple_Dates/Times:
Range_of_Dates/Times:
Beginning_Date: 20230821
Ending_Date: 20231021
Source_Currentness_Reference: Publication date
Source_Citation_Abbreviation: Not available
Source_Contribution: Elevations for the onshore profile line were based on the two RTK/GPS points set on line or from the range monuments value supplied by FDEP and verified during a previous survey. Elevations for the offshore portion of the profile lines for the project area relied on Real-time Kinematic tide files and were verified with a tide staff set offshore of points
Process_Step:
Process_Description:
Onshore profiles were collected along the alignments as shown in the control tabulation using Real Time Kinematic GPS, differential leveling for elevation and a hand-held laser for stationing.
Offshore profile data collection was performed to FDEP specifications using Trimble R-780 Real-Time Kinematic GPS, Hypack Navigation Software, an Odom E-20 Digital Echosounder, TSS Motion Compensator.
Process_Date: 20231031
Process_Time:
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: David Coggin
Contact_Organization_Primary:
Contact_Address:
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Point
Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type:
Point_and_Vector_Object_Count: 34161
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:

Grid_Coordinate_System:
Grid_Coordinate_System_Name: Florida State Plane Coordinate
System, East Zone, North American Datum of 1983/90 (NAD 83/90)
Universal_Transverse_Mercator:
Transverse_Mercator:
Universal_Polar_Stereographic:
Polar_Stereographic:
State_Plane_Coordinate_System:
SPCS_Zone_Identifier: 0901
Lambert_Conformal_Conic:
Transverse_Mercator:
Scale_Factor_at_Central_Meridian: .999989142278
Longitude_of_Central_Meridian: -080.333333
Latitude_of_Projection-Origin: +27.666666
False_Easting: 656166.667 ft
False_Northing: 0
Oblique_Mercator:
Oblique_Line_Point:
Polyconic:
ARC_Coordinate_System:
Equirectangular:
Azimuthal_Equidistant:
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.01
Ordinate_Resolution: 0.01
Distance_and_Bearing_Representation:
Planar_Distance_Units: Survey feet
Geodetic_Model:
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Altitude_Datum_Name: North American Vertical Datum of 1988
Altitude_Resolution: .1
Altitude_Distance_Units: feet
Altitude_Encoding_Method: Explicit elevation coordinate included
with horizontal coordinates
Depth_System_Definition:
Depth_Datum_Name: No correction
Depth_Resolution: .1
Depth_Distance_Units: Feet
Depth_Encoding_Method: Explicit depth coordinate included with
horizontal coordinates
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: 3D coordinates
Entity_Type_Definition: position and elevation coordinates within
project system
Entity_Type_Definition_Source: n/a
Attribute:
Attribute_Domain_Values:
Attribute_Value_Accuracy_Information:
Overview_Description:

Entity_and_Attribute_Overview: The data attributes consist of horizontal coordinates paired with elevations.

Entity_and_Attribute_Detail_Citation:

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Organization_Primary:

Contact_Address:

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Dialup_Instructions:

Offline_Option:

Recording_Capacity:

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:

Multiple_Dates/Times:

Range_of_Dates/Times:

Metadata_Reference_Information:

Metadata_Date: 20231106

Metadata_Review_Date: 20231106

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: DAVID W COGGIN

Contact_Organization: Morgan & Eklund, Inc.

Contact_Organization_Primary:

Contact_Address:

Address_Type: mailing address

Address: 4909 US Highway 1

City: Vero Beach

State_or_Province: Florida

Postal_Code: 32967

Country: USA

Contact_Voice_Telephone: 772.388.5364

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial

Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Security_Information:

Section 7

Survey Report



Morgan & Eklund, Inc.

4909 US Highway 1
Vero Beach, Florida 32967

Phone: 772-388-5364
Fax: 772-388-3165

Survey Report
Volusia County Monitoring Survey October 2023
Onshore/Offshore Profiles`
FDEP Profiles R-00 through R-208
11/6/23

- Location of Work:** This submittal is for Volusia County, Florida.
- Date of Work:** The monitoring survey was performed on August 21-24, 28-29, 31, and September 1, 5-8, and 11, 19, 26, 27, October 10-13, 16-21, 2023.
- Scope of Work:** Bathymetric and topographic survey data was collected along previously established survey track lines as shown on the attached drawing.
- Horizontal Datum:** Coordinate values are referenced to the Florida State Plane Coordinate System, East Zone, North American Datum of 1983/1990 adjustment (NAD 83/90).
- Vertical Datum:** Elevation values are referenced to the North American Vertical Datum of 1988 (NAVD 88).

Bathymetric Survey: Offshore Survey

On October 17-21, 2023 a bathymetric survey was performed offshore along survey transects as shown on the attached drawing.

Equipment: 26' Parker Survey Boat, Odom E-20 Single Beam Fathometer (200 kHz), Trimble MPS500 Motion Compensator, Hypack® 2021 Navigation Software and Trimble R-8 Base RTK/GPS

Personnel: Boat: H. Lawson, D. Titus, D. Donaldson
Field: R. Ambrose, P. Voute, D. Donaldson

Field Procedures: The positioning and water surface elevations for the single beam survey relied on Real-time Kinematic GPS, with the RTK/GPS base station receiver set and checked into points shown in the survey control table.

Elevations were verified with a tide staff set from points shown in the survey control table. Data collection was performed to FDEP and USACE specifications for hydrographic surveying.

The fathometer was calibrated at the beginning and end of each survey day using a "bar check" to compensate for variations of the speed of sound in water.

Data Processing: Hydrographic data was processed using Hypack® 2021 software.

Topographic/Wading Survey:

On August 21-24, 28-29, 31, and September 1, 5-8, and 11, 19, 26, 27, October 10-13, 16-21, 2023 a topographic survey was performed along previously established survey transects as shown on the attached drawing. Data was collected along cross-sections from Elev. 14± to -8 ± (NAVD88).

Equipment: Trimble RTK R780 or R12 Rover Receiver, Trimble TSC5 Data Collector, Trimble RTK R780 or R-12 Base Receiver, and differential level.

Personnel: Field: P. Voute, D. Donaldson, D. Titus, R. Ambrose, D. Gupton, J. Cacique, and M. Barker

Field Procedures: The base station was setup and checked into points shown in the survey control table. Elevation data was collected using RTK/GPS, differential leveling and laser.

Survey Control:

	83/90 SPCS 0901		NAVD 88	US Survey Feet
Point	Northing	Easting	Elevation	Description
602	1715448.29	687224.60	10.55	M&E IRC
603	1720845.63	685115.56	14.30	M&E IRC
620	1699769.68	656528.74	13.41	M&E IRC
625	1811738.49	639787.86	12.29	M&E IRC
626	1811813.64	639746.74	11.13	M&E IRC
628	1826043.29	633829.96	16.91	M&E IRC
629	1839287.07	628486.42	14.49	M&E IRC
644	1728902.13	678747.06	12.92	M&E IRC
645	1728846.60	678747.33	12.68	M&E IRC
646	1715419.30	687272.05	11.87	M&E IRC
668	1678490.93	707564.21	12.55	M&E IRC
670	1678362.95	707522.36	13.12	M&E Disk LB 4298
671	1715451.23	687266.38	14.27	M&E IRC

Certification:

I hereby certify that the information shown hereon is in accordance with a recent field survey made under my direction, and that it is true and correct to the best of my knowledge and belief, and meets the standards of practice as set forth by the Florida Board of Professional Land Surveyors in Chapter 5J-17, F.A.C.

David W. Coggin, PLS #6359
Morgan & Eklund, Inc.