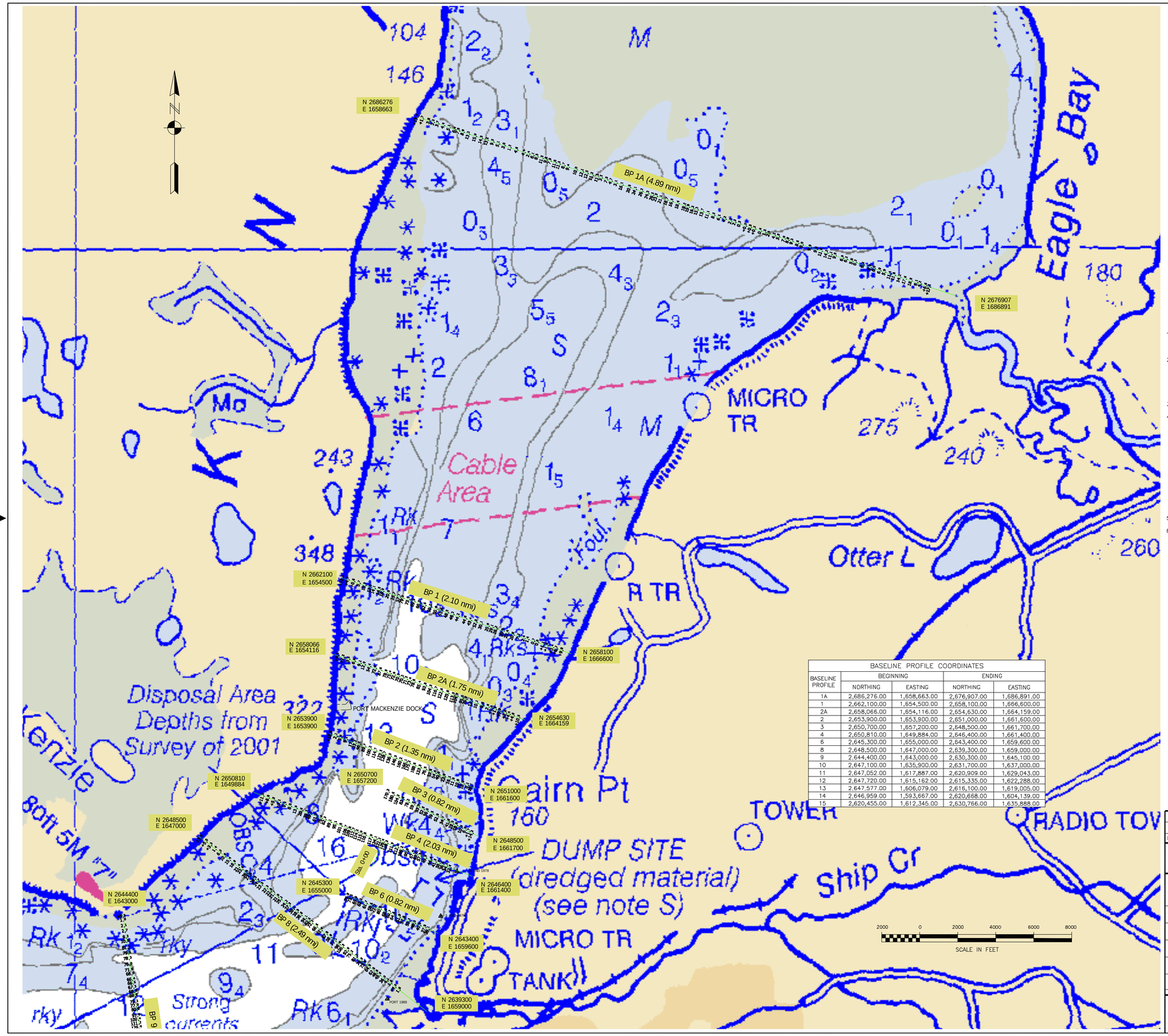

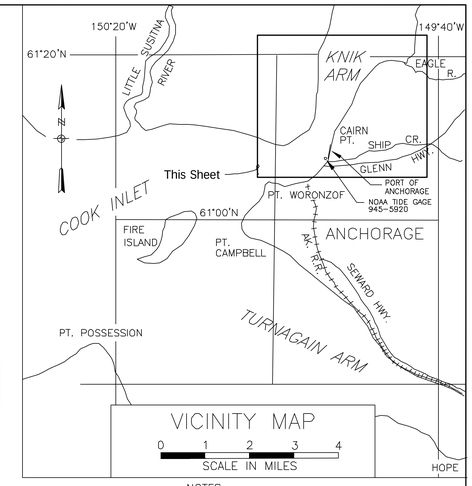

NOTES

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2. VERTICAL CONTROL DATUM IS IN US SURVEY FEET, REFERRING TO MEAN-LOWER-LOW-WATER (MLLW=0.0'), HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS 39.93' MLLW FOR BASELINES 1A THROUGH 10 AND 3" ALUMINUM CAP "AWWU 1994" AS 70.40' MLLW FOR BASELINES 11 THROUGH 15. THE ELEVATION SHOWN FOR "AWWU 1994" REPRESENTS MLLW AT THE "COOK INLET NAVIGATION CHANNEL" AND SHOULD NOT BE USED AS A MLLW REFERENCE FOR OTHER PROJECTS OUTSIDE THESE AREAS.

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5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.

6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ-1	2,629,995.41	1,643,787.75	82.97	–
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

REV.	DATE	DESCRIPTION	BY	APP'D.
3	11/5/03	CORRECTED PLOTTED SCALE ON BP4 PROFILE	LES	KDW

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

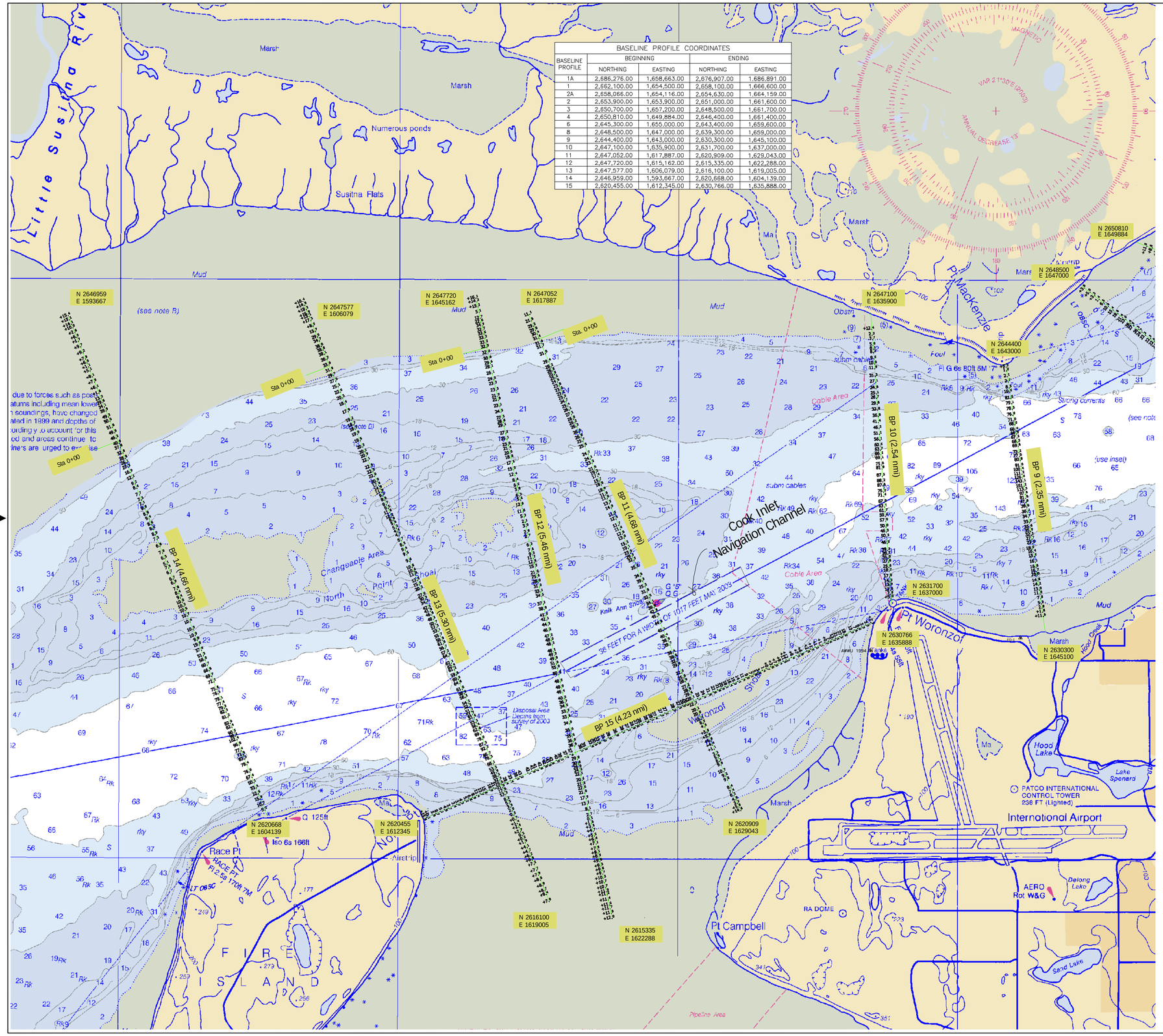
ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILES
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: 1" = 2000'
SHEET 1 OF 17



BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
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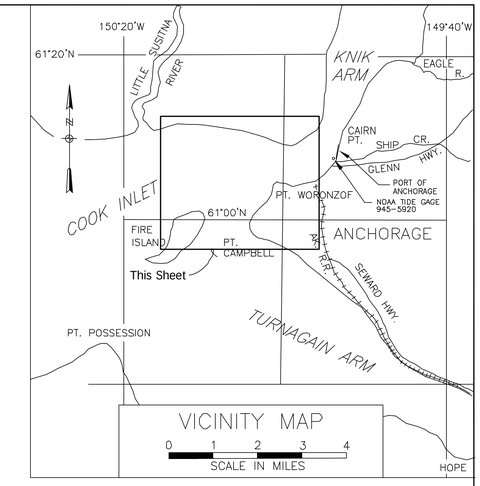

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CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
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AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

2000 0 2000 4000 6000 8000
SCALE IN FEET

REV.	DATE	DESCRIPTION	BY	APP'D.
1	5/03	ADDED BP 1A, 2A AND 15. REMOVED BP 5 AND 7. EXTENDED BP 4.	LES	KDW
2	6/26/03	BASELINE PROFILE COORDINATE TABLE (BP 12 - SOUTH END) CORRECTED TO ORIGINAL PLANNED LINE VALUE.	LES	KDW

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

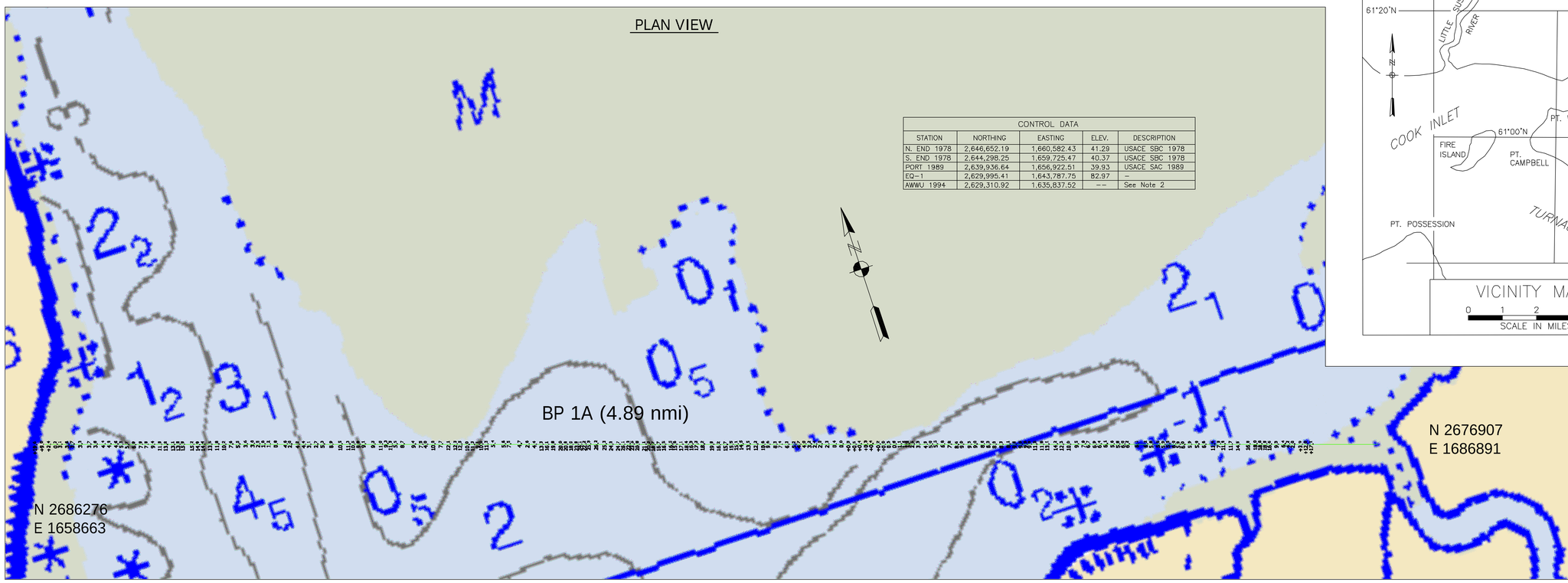
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILES
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: 1" = 2000'
SHEET 2 OF 17

PLAN VIEW



CONTROL DATA				
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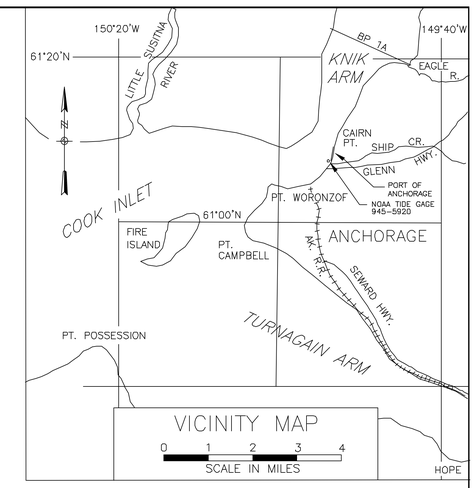
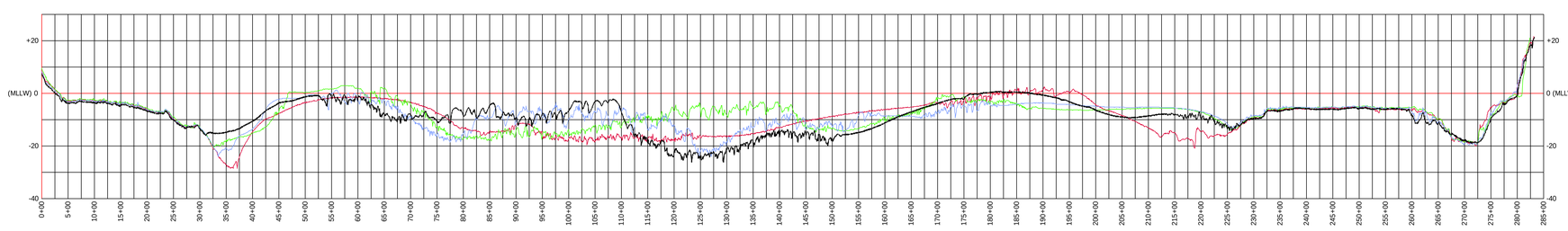


BASELINE PROFILE 1A



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PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

1000 0 1000 2000 3000 4000
SCALE IN FEET

BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
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CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

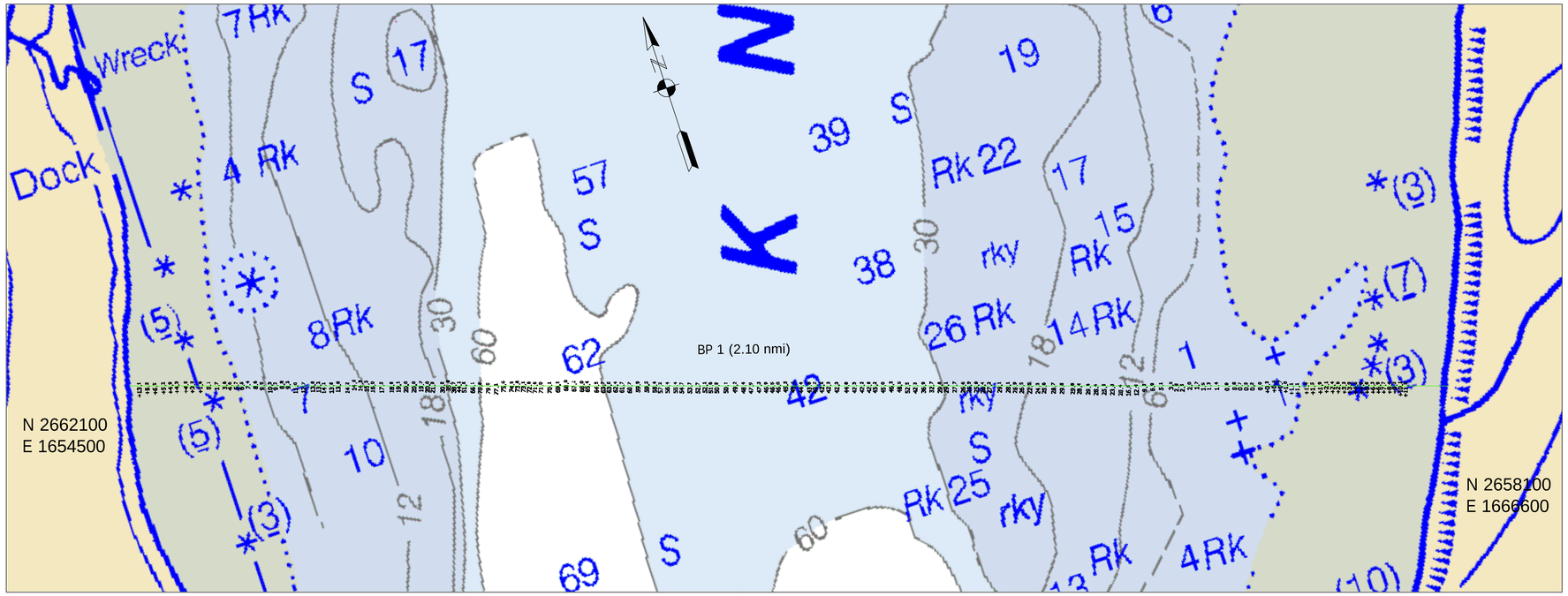
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

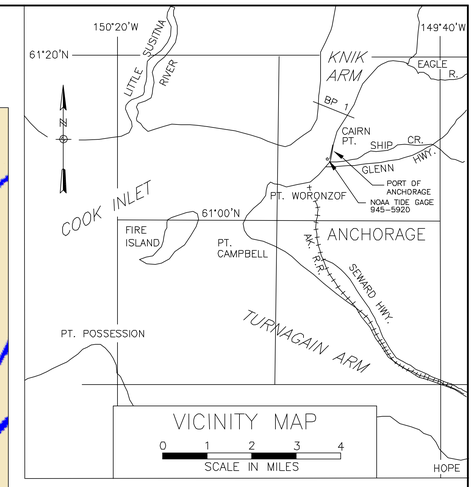
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 1A
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'
SHEET 3 OF 17

PLAN VIEW





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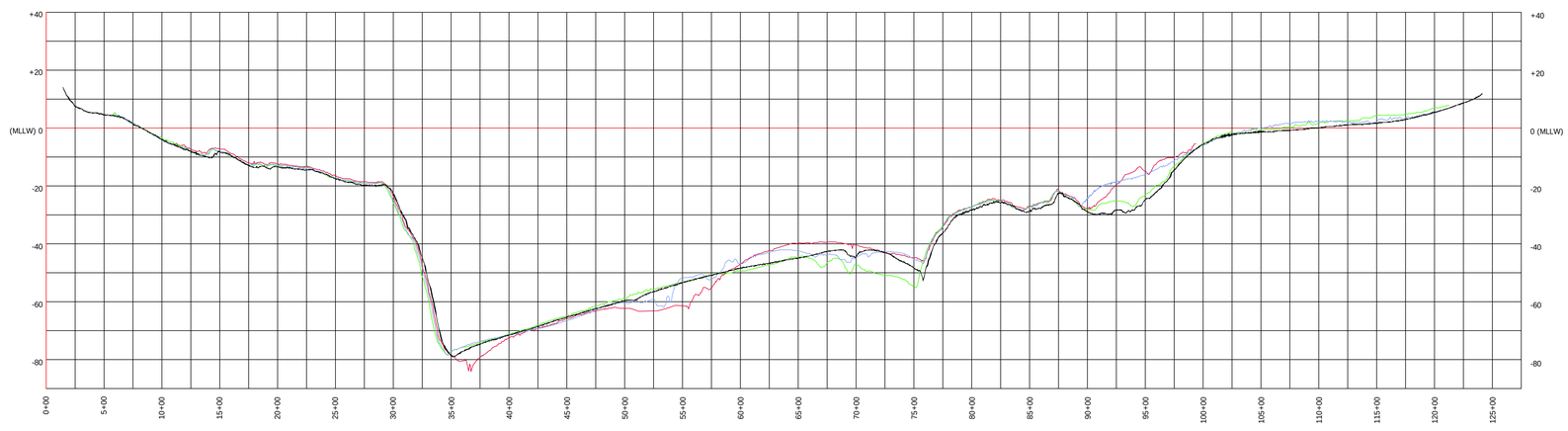
BASELINE PROFILE 1



BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
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8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ-1	2,629,995.41	1,643,787.75	82.97	–
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

500 0 500 1000 1500 2000
SCALE IN FEET

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 1
MAY 24 TO JUNE 2, 2005

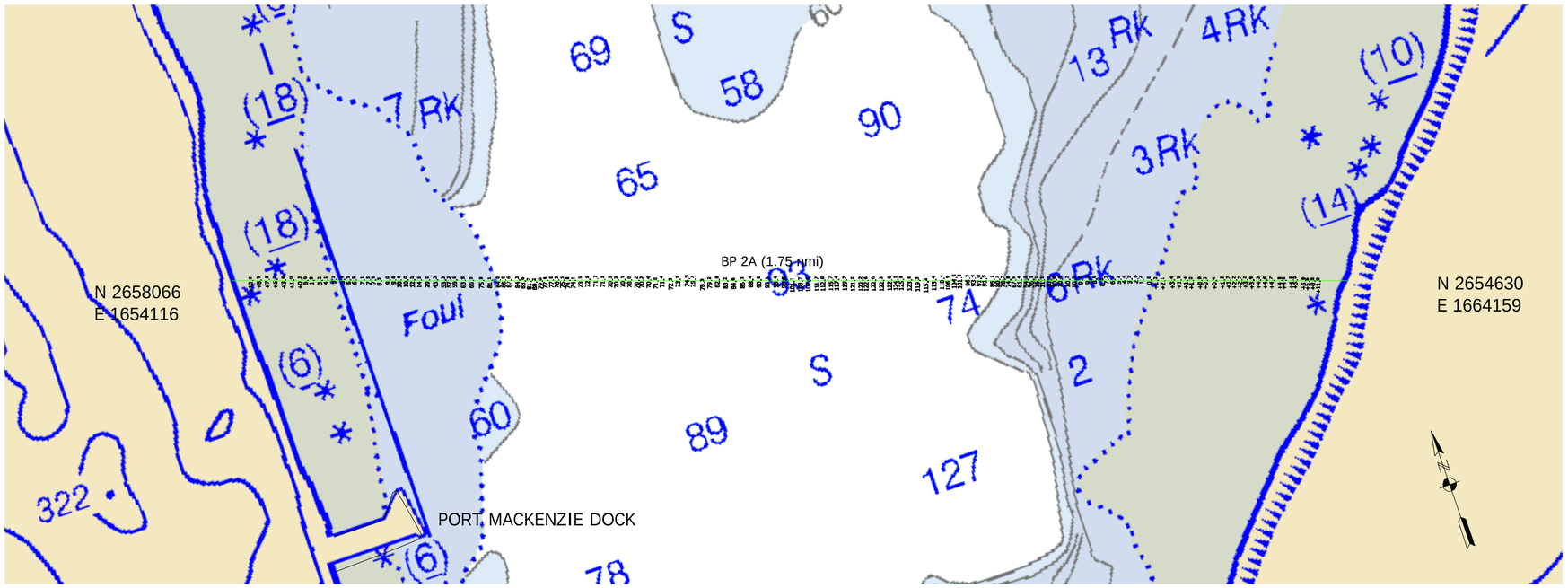
RECOMMENDED: APPROVED: DATE:
PROJECT MANAGER CHIEF OPERATIONS-READINESS BRANCH

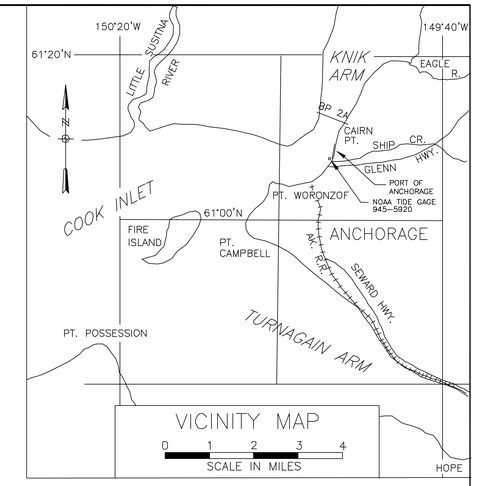
SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 500'
VERTICAL: 1" = 20'

SHEET 4 OF 17

PLAN VIEW





NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
2. VERTICAL CONTROL DATUM IS IN US SURVEY FEET, REFERRING TO MEAN-LOWER-LOW-WATER (MLLW=0.0'), HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS 39.93' MLLW FOR BASELINES 1A THROUGH 10 AND 3" ALUMINUM CAP "AWWU 1994" AS 70.40' MLLW FOR BASELINES 11 THROUGH 15. THE ELEVATION SHOWN FOR "AWWU 1994" REPRESENTS MLLW AT THE "COOK INLET NAVIGATION CHANNEL" AND SHOULD NOT BE USED AS A MLLW REFERENCE FOR OTHER PROJECTS OUTSIDE THESE AREAS.
3. SOUNDINGS ARE IN US SURVEY FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
4. HYDROGRAPHIC DATA ACQUISITION WAS CONDUCTED MAY 24-26, 2005 FOR BASELINES 1A THROUGH 10, AND JUNE 2, 2005 FOR BASELINES 11 THROUGH 15. SOUNDING DATA WAS COLLECTED USING AN ODOM ECHOTRAC DF3200 MKII DEPTH SOUNDER WITH A 200KHZ, 3° BEAM-WIDTH SINGLE-BEAM TRANSDUCER. POSITIONING AND TIDES WERE PROVIDED IN REAL-TIME USING A CODA OCTOPUS F-180-1 INERTIAL ATTITUDE AND POSITIONING SYSTEM OPERATING ON KINEMATIC GPS CORRECTIONS BROADCAST FROM A TRIMBLE 4000SSE RTK LOCAL BASE STATION SET AT TWO SEPARATE SITES FOR THE SURVEY. FOR BASELINES 1A-10, THE LOCAL RTK BASE WAS SET AT USACE ALUMINUM CAP "PORT 1989", WHICH IS SITUATED NEAR THE PUBLIC BOAT LAUNCH AT SHIP CREEK. FOR BASELINES 11-15 THE LOCAL RTK BASE WAS SET AT ALUMINUM CAP "AWWU 1994", SITUATED NEAR THE BLUFF ON ANCHORAGE WASTEWATER UTILITY PROPERTY, JUST SOUTH OF PT. WORONZOF. REAL-TIME-KINEMATIC TIDE DATA WAS CALIBRATED TO MANUAL TIDE OBSERVATIONS HOLDING USCGS SBC "TIDAL 16 1966", LOCATED AT THE NOAA/NOS TIDE STATION, 9455920, LOCATED AT THE PORT OF ANCHORAGE. SURVEY DATA WAS COLLECTED AND PROCESSED USING QPS QINSY (V7.4) INTEGRATED SOFTWARE.
5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
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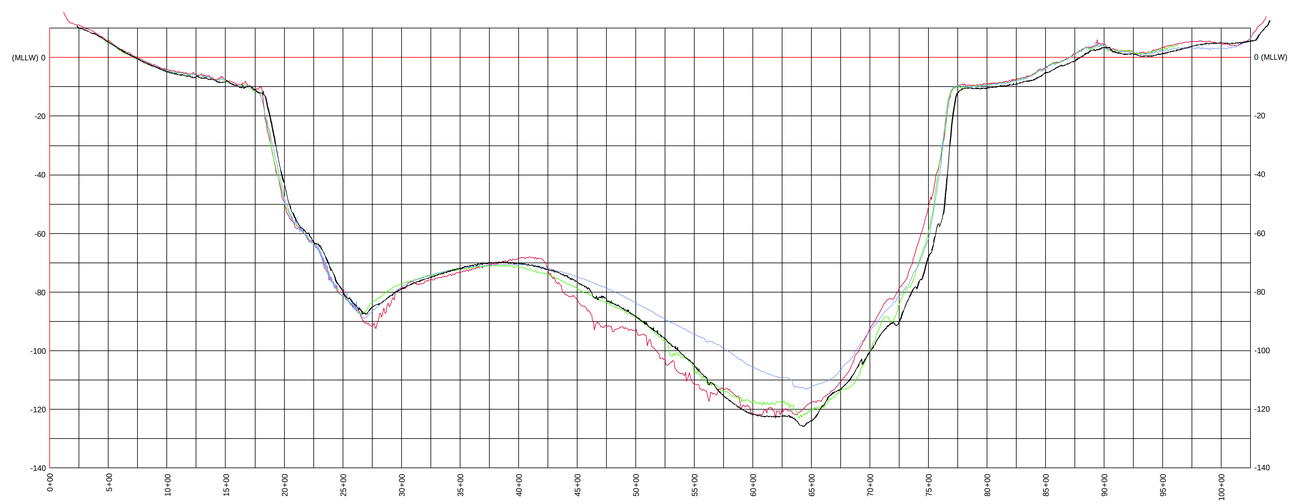
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

500 0 500 1000 1500 2000
SCALE IN FEET

BASELINE PROFILE 2A



BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,685,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
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CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

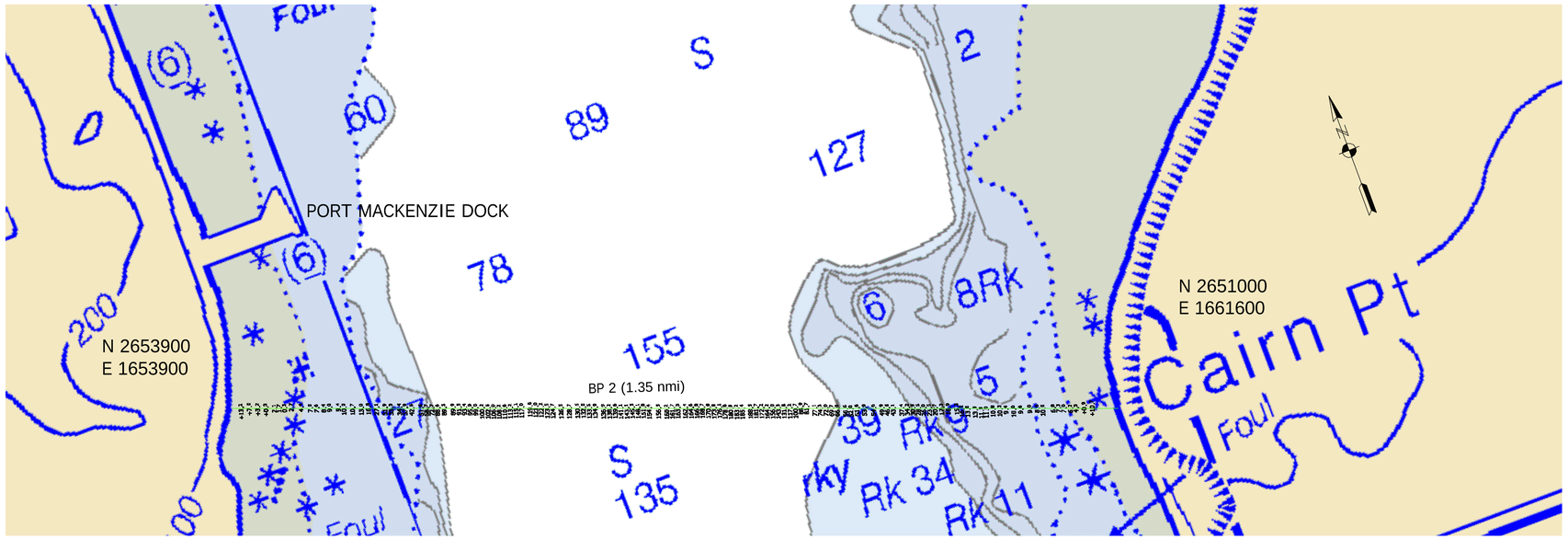
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

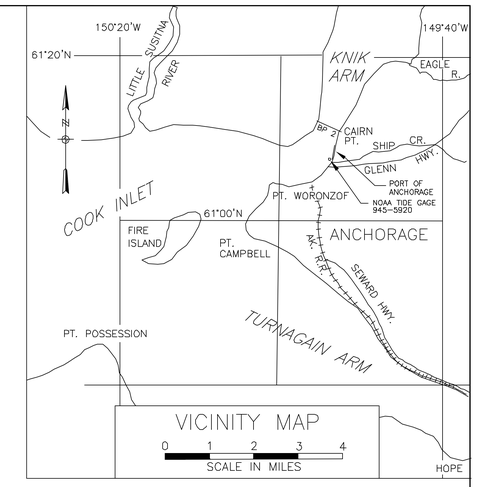
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 2A
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 20'
SHEET 5 OF 17

PLAN VIEW





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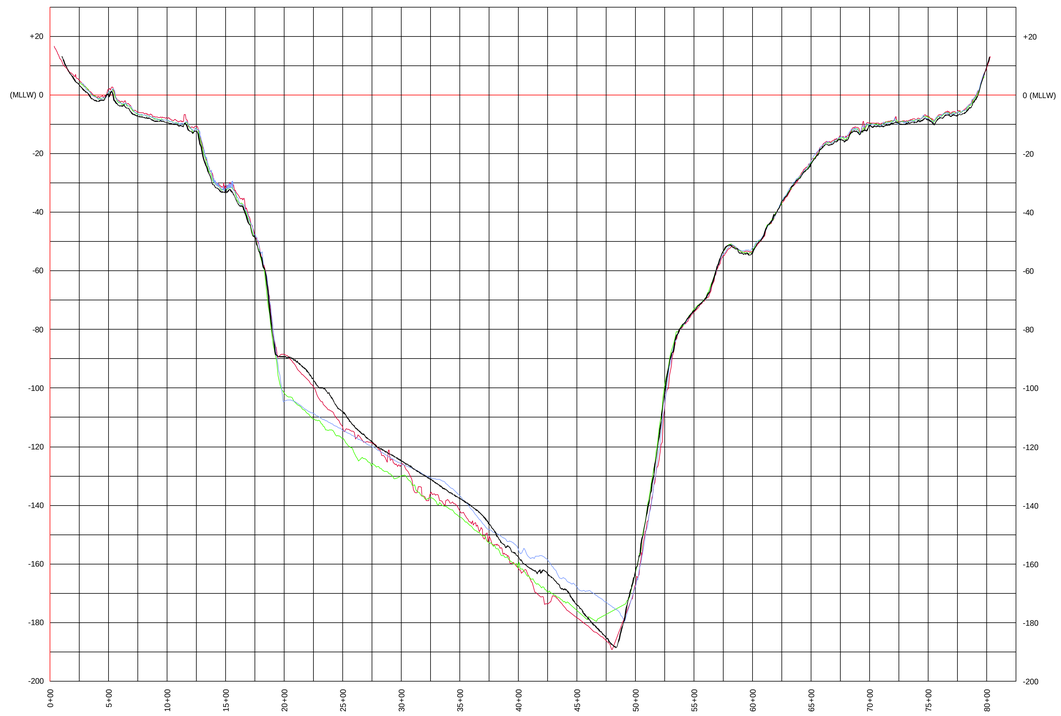
BASELINE PROFILE 2



PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

500 0 500 1000 1500 2000
SCALE IN FEET

CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
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AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
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15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

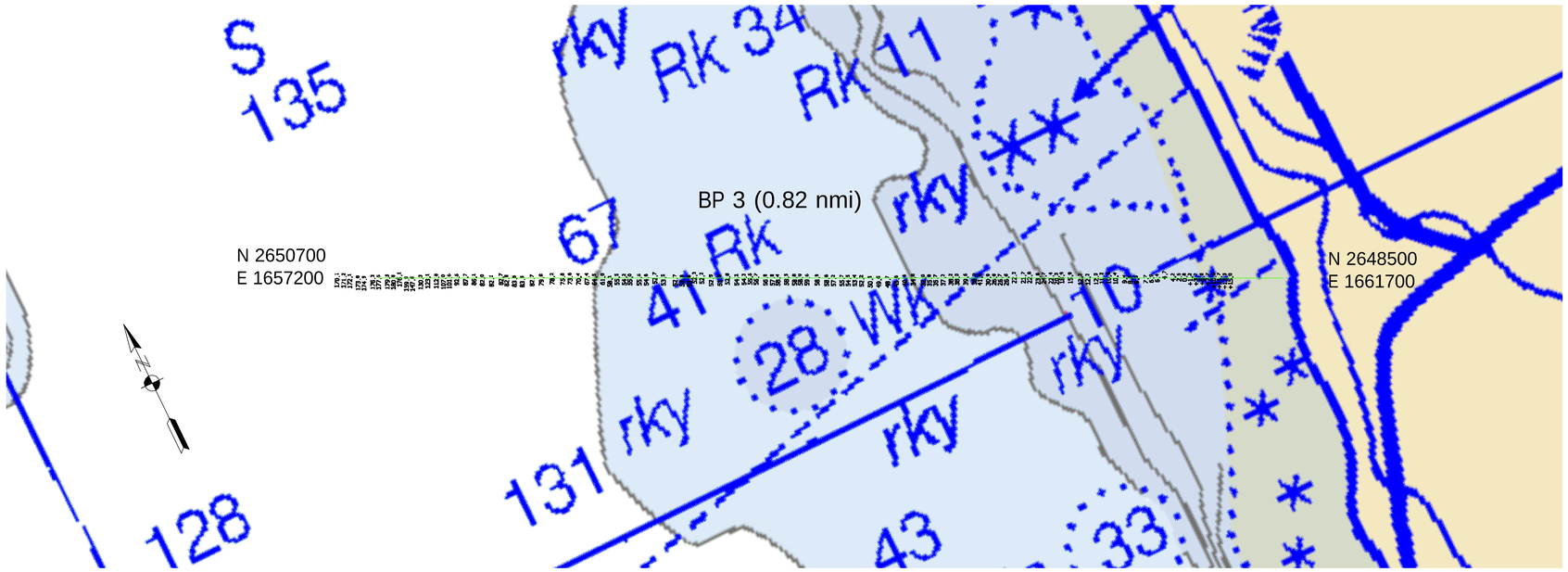
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

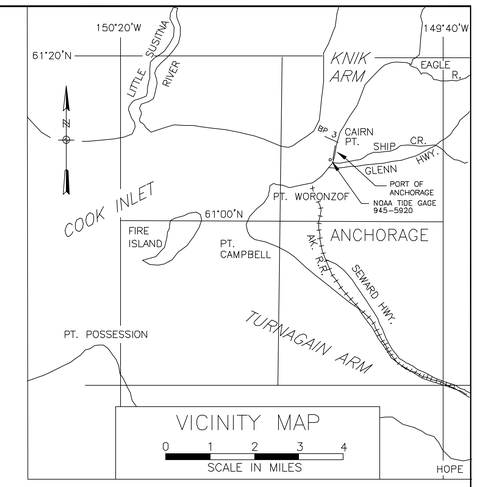
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 2
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

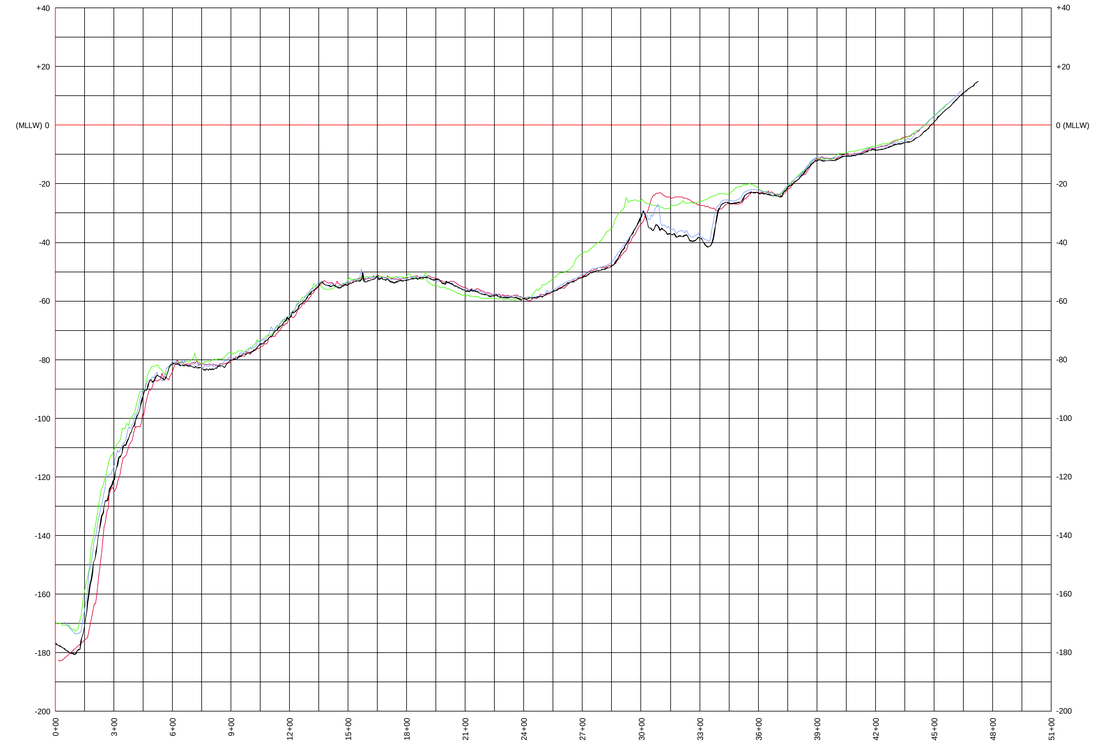
SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 20'
SHEET 5 OF 17

PLAN VIEW





BASELINE PROFILE 3



PROFILE LEGEND

- May24–June2, 2005
- Sept 16–21, 2004
- June 2004
- Sept13–Oct3, 2003

300 0 300 600 900 1200
SCALE IN FEET

NOTES

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BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
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CONTRACT NO. W911KB–04–D–0006–0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILES 3
MAY 24 TO JUNE 2, 2005

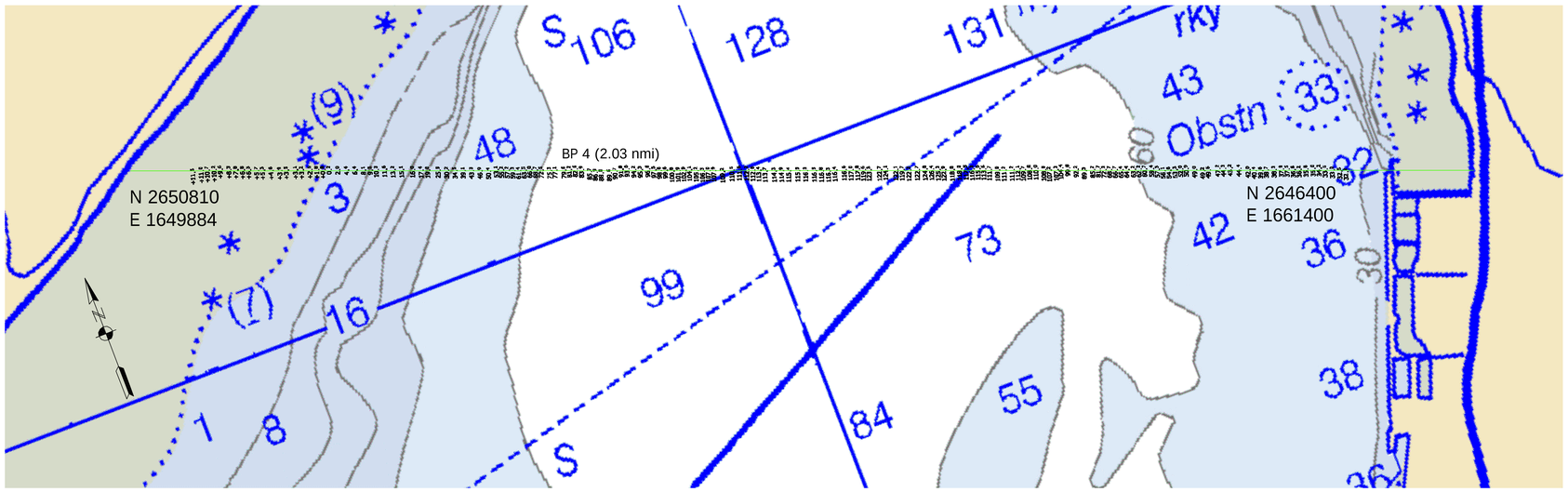
RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS–READINESS BRANCH
DATE:

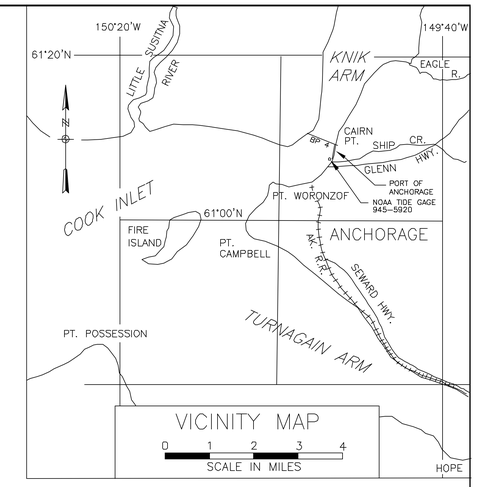
SURVEY NO. 2226–05

SCALE: HORIZONTAL: 1" = 300'
VERTICAL: 1" = 20'

SHEET 7 OF 17

PLAN VIEW





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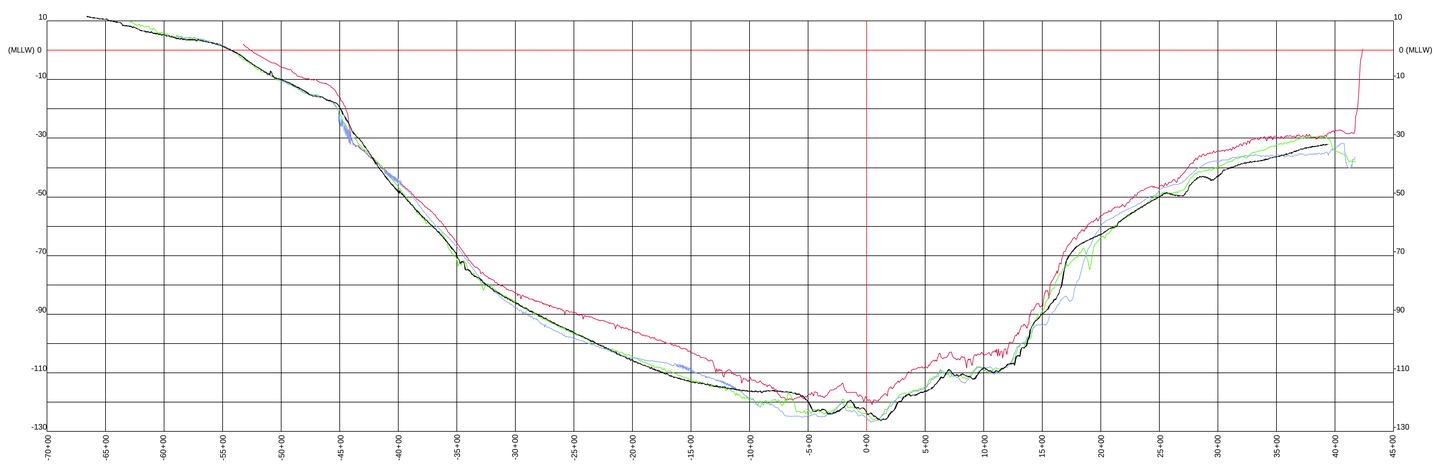
4. HYDROGRAPHIC DATA ACQUISITION WAS CONDUCTED MAY 24-26, 2005 FOR BASELINES 1A THROUGH 10, AND JUNE 2, 2005 FOR BASELINES 11 THROUGH 15. SOUNDING DATA WAS COLLECTED USING AN ODOM ECHOTRAC DF3200 MKII DEPTH SOUNDER WITH A 200KHZ, 3° BEAM-WIDTH SINGLE-BEAM TRANSDUCER. POSITIONING AND TIDES WERE PROVIDED IN REAL-TIME USING A CODA OCTOPUS F-180-1 INERTIAL ATTITUDE AND POSITIONING SYSTEM OPERATING ON KINEMATIC GPS CORRECTIONS BROADCAST FROM A TRIMBLE 4000SSE RTK LOCAL BASE STATION SET AT TWO SEPARATE SITES FOR THE SURVEY. FOR BASELINES 1A-10, THE LOCAL RTK BASE WAS SET AT USACE ALUMINUM CAP "PORT 1989", WHICH IS SITUATED NEAR THE PUBLIC BOAT LAUNCH AT SHIP CREEK. FOR BASELINES 11-15 THE LOCAL RTK BASE WAS SET AT ALUMINUM CAP "AWWU 1994", SITUATED NEAR THE BLUFF ON ANCHORAGE WASTEWATER UTILITY PROPERTY, JUST SOUTH OF PT. WORONZOF. REAL-TIME-KINEMATIC TIDE DATA WAS CALIBRATED TO MANUAL TIDE OBSERVATIONS HOLDING USCGS SBC "TIDAL 16 1966", LOCATED AT THE NOAA/NOS TIDE STATION, 9455920, LOCATED AT THE PORT OF ANCHORAGE. SURVEY DATA WAS COLLECTED AND PROCESSED USING QPS QINSY (V7.4) INTEGRATED SOFTWARE.
5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE 4



BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

500 0 500 1000 1500 2000
SCALE IN FEET

CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ-1	2,629,995.41	1,643,787.75	82.97	--
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

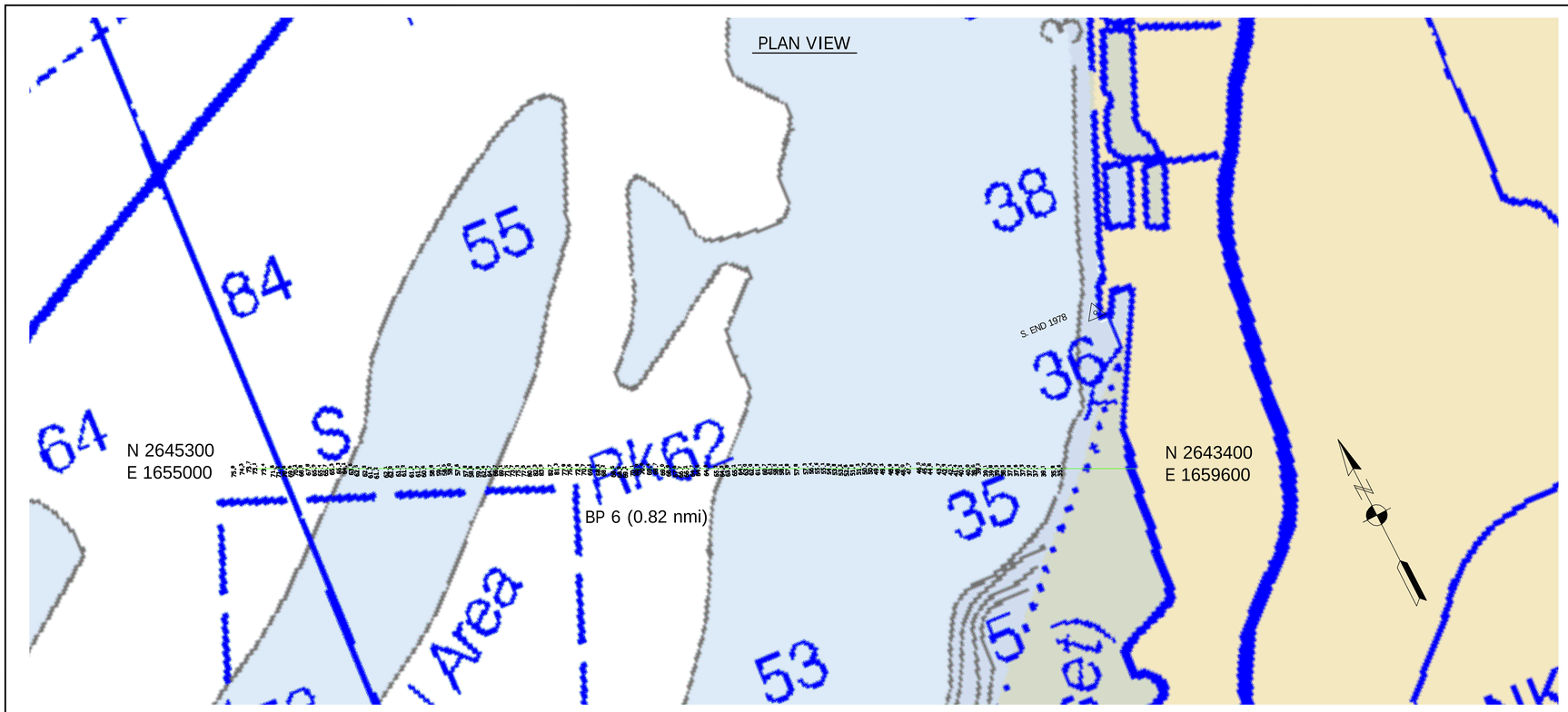
ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

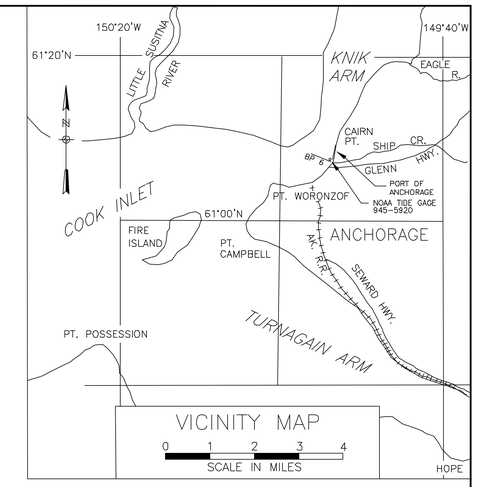
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 4
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 20'
SHEET 8 OF 17





NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
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6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
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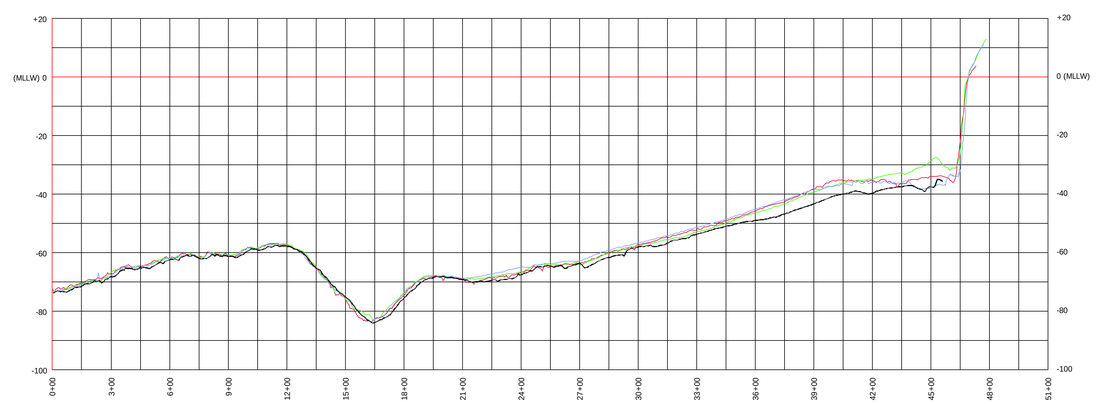
EQ-1	2,629,995.41	1,643,787.75	82.97	–
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

300 0 300 600 900 1200
SCALE IN FEET

BASELINE PROFILE 6



BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 6
MAY 24 TO JUNE 2, 2005

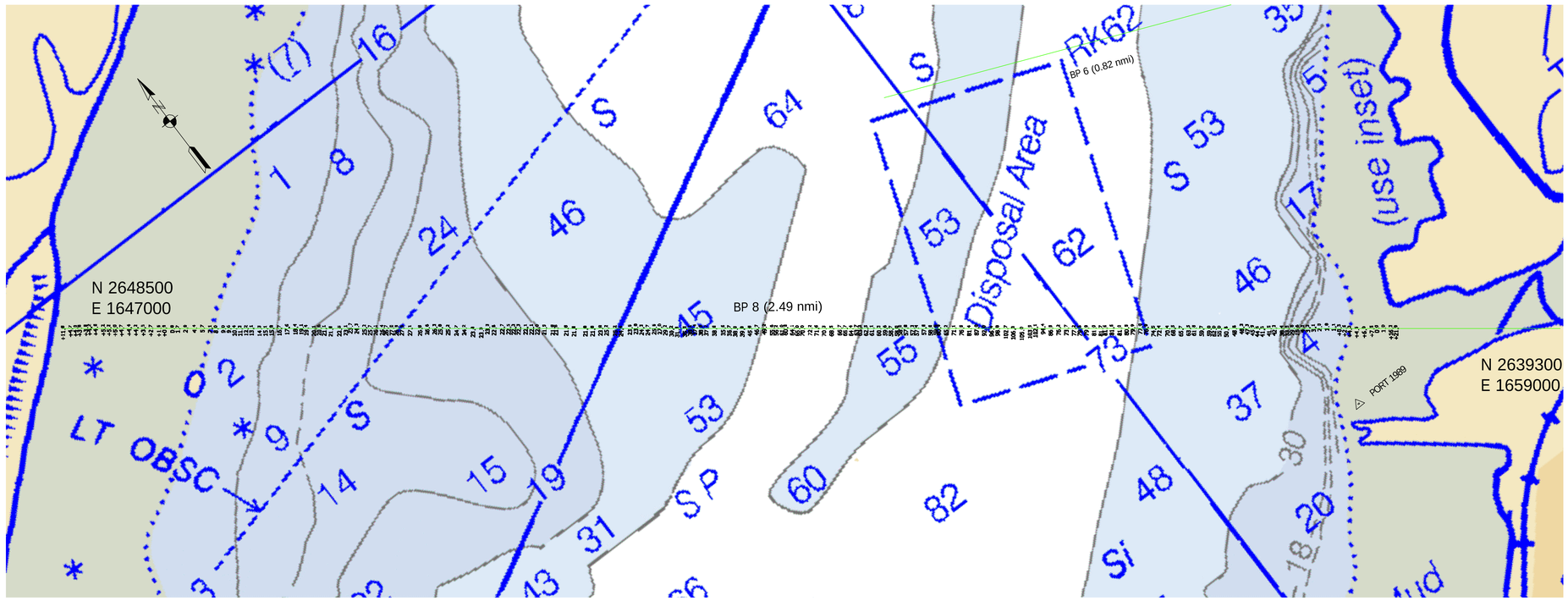
RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

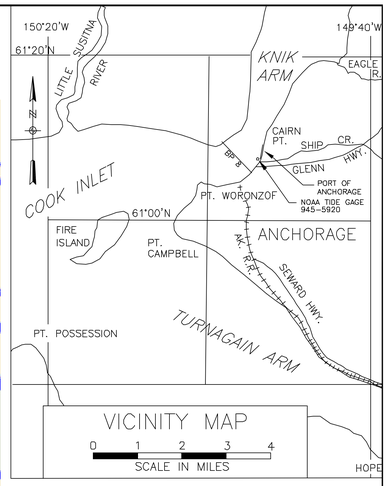
SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 300' VERTICAL: 1" = 20'

SHEET 9 OF 17

PLAN VIEW





BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
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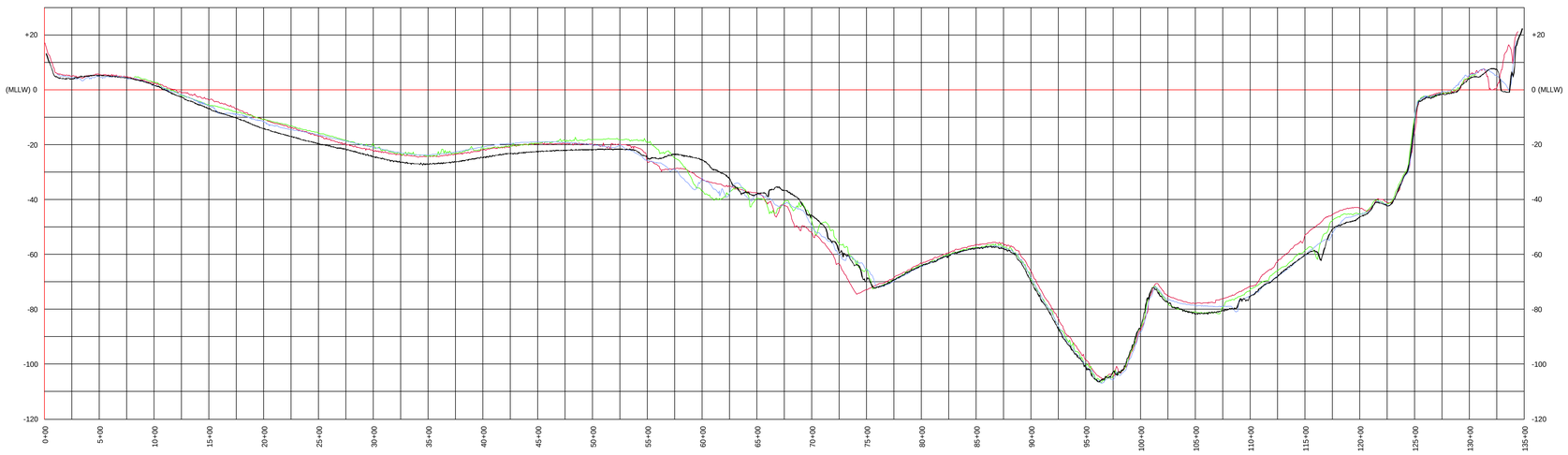
BASELINE PROFILE 8



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CONTROL DATA				
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AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

500 0 500 1000 1500 2000
SCALE IN FEET

PROFILE LEGEND

- May24–June2, 2005
- Sept 16–21, 2004
- June 2004
- Sept13–Oct3, 2003

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

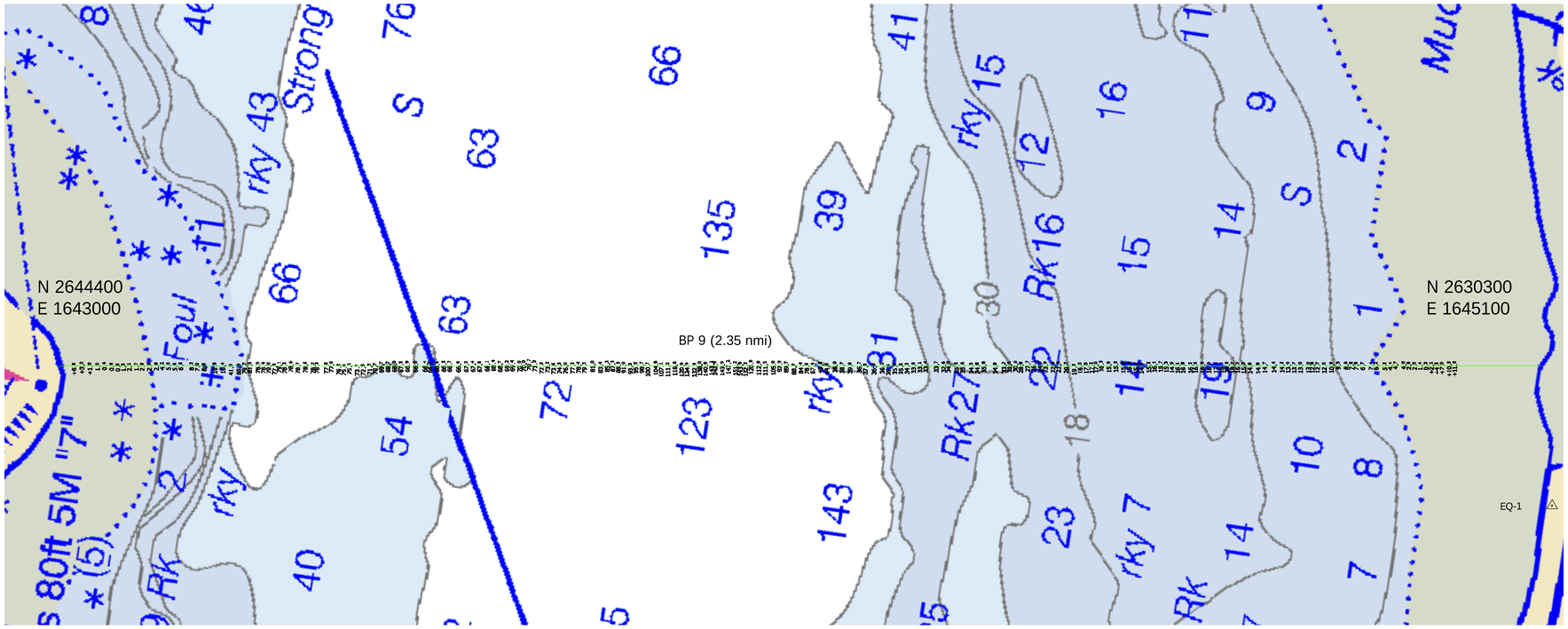
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

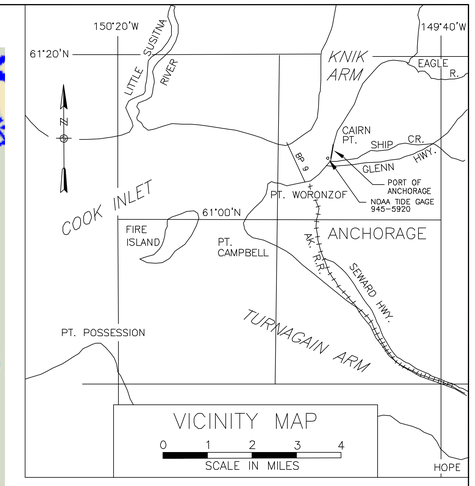
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILES 8
MAY 24 TO JUNE 2, 2005

RECOMMENDED: APPROVED: DATE:
PROJECT MANAGER CHIEF OPERATIONS-READINESS BRANCH

SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 20'
SHEET 10 OF 17

PLAN VIEW





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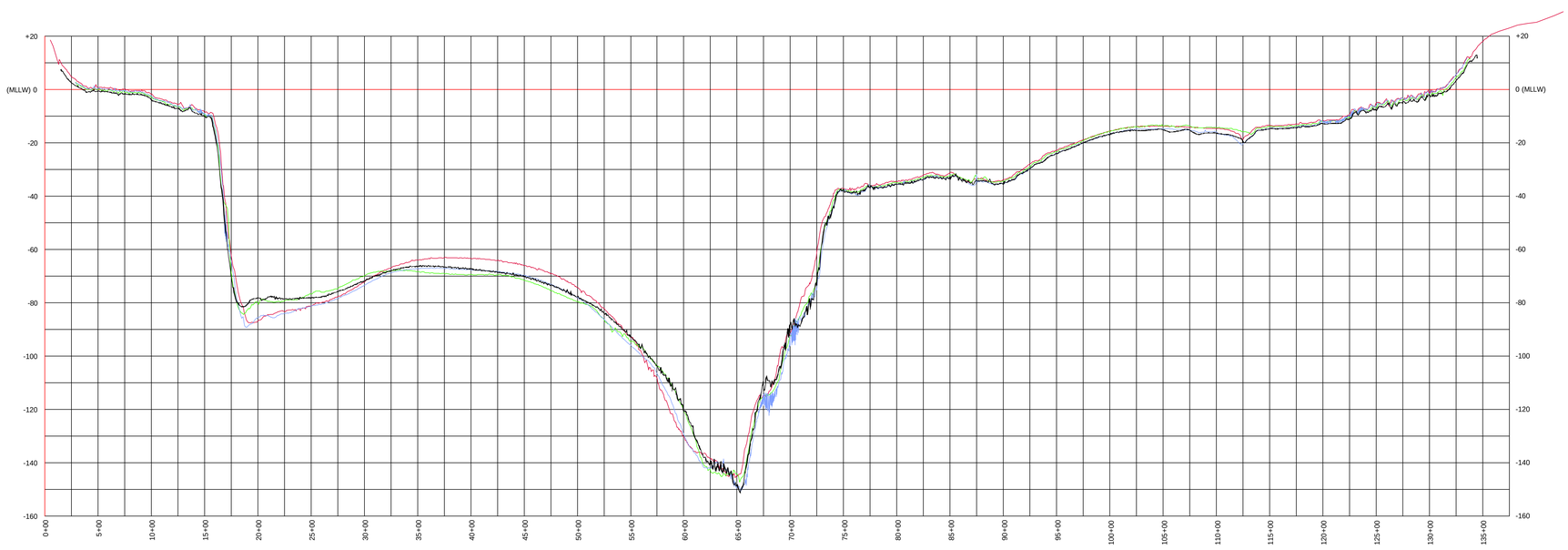
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

500 0 500 1000 1500 2000
SCALE IN FEET

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

BASELINE PROFILE 9



BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
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2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,628,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 9
MAY 24 TO JUNE 2, 2005

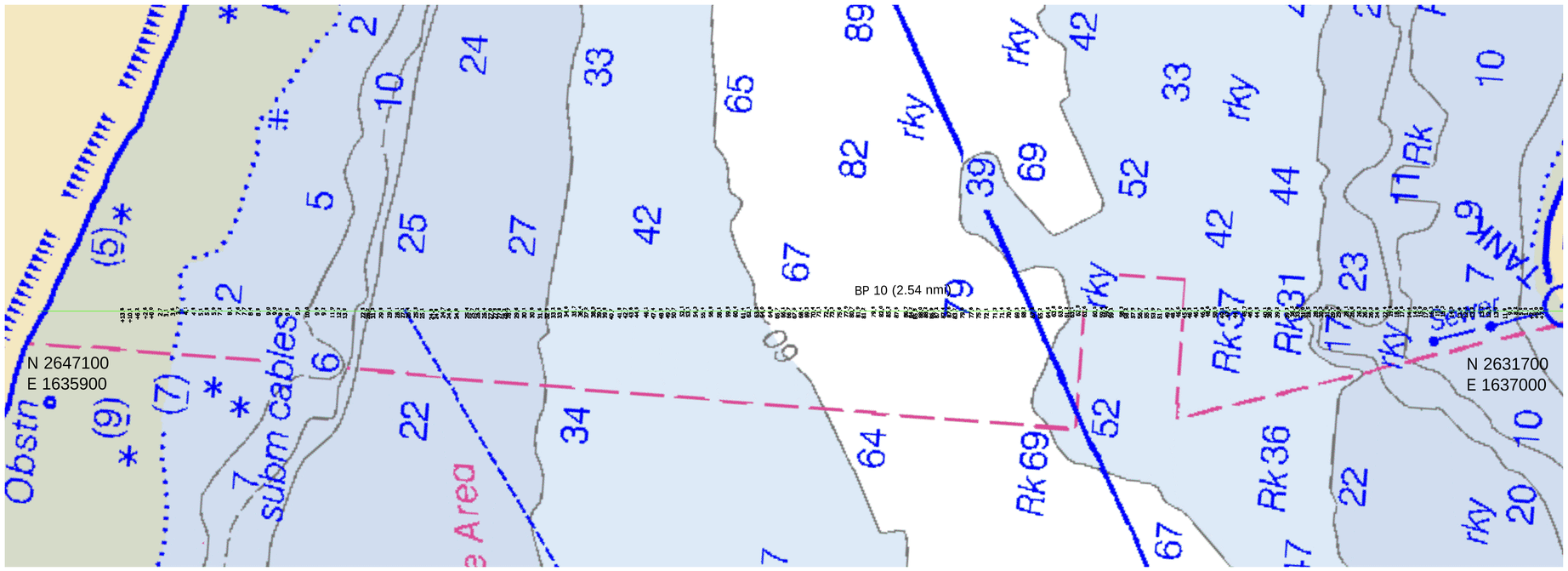
RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF, OPERATIONS-READINESS, BRANCH
DATE:

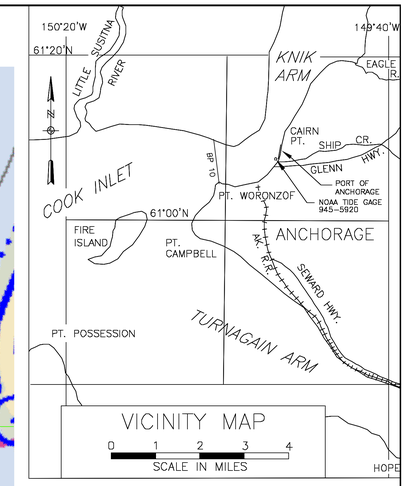
SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 500'
VERTICAL: 1" = 20'

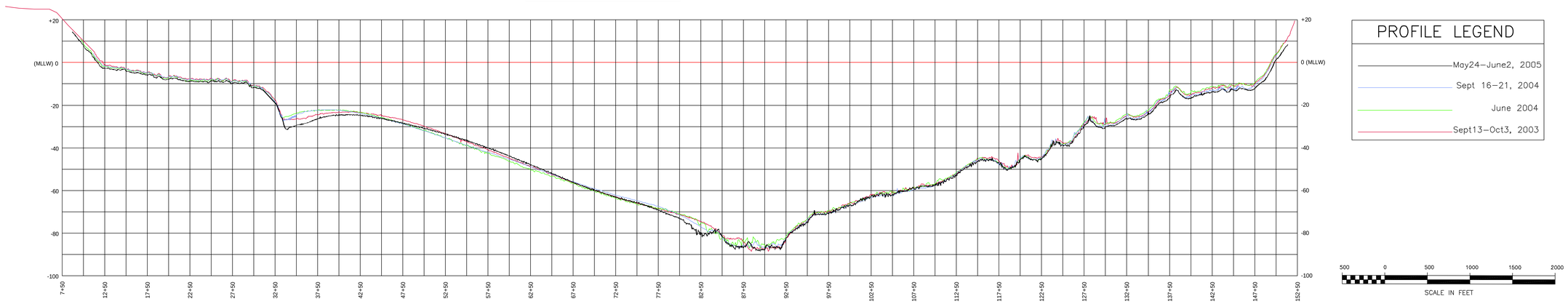
SHEET 11 OF 17

PLAN VIEW





BASELINE PROFILE 10



NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
2. VERTICAL CONTROL DATUM IS IN US SURVEY FEET, REFERRING TO MEAN–LOWER–LOW–WATER (MLLW=0.0'), HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS 39.93' MLLW FOR BASELINES 1A THROUGH 10 AND 3" ALUMINUM CAP "AWWU 1994" AS 70.40' MLLW FOR BASELINES 11 THROUGH 15. THE ELEVATION SHOWN FOR "AWWU 1994" REPRESENTS MLLW AT THE "COOK INLET NAVIGATION CHANNEL" AND SHOULD NOT BE USED AS A MLLW REFERENCE FOR OTHER PROJECTS OUTSIDE THESE AREAS.
3. SOUNDINGS ARE IN US SURVEY FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
4. HYDROGRAPHIC DATA ACQUISITION WAS CONDUCTED MAY 24–26, 2005 FOR BASELINES 1A THROUGH 10, AND JUNE 2, 2005 FOR BASELINES 11 THROUGH 15. SOUNDING DATA WAS COLLECTED USING AN ODOM ECHOTRAC DF3200 MKII DEPTH SOUNDER WITH A 200KHZ, 3° BEAM–WIDTH SINGLE–BEAM TRANSDUCER. POSITIONING AND TIDES WERE PROVIDED IN REAL–TIME USING A CODA OCTOPUS F–180–1 INERTIAL ATTITUDE AND POSITIONING SYSTEM OPERATING ON KINEMATIC GPS CORRECTIONS BROADCAST FROM A TRIMBLE 4000SSE RTK LOCAL BASE STATION SET AT TWO SEPARATE SITES FOR THE SURVEY. FOR BASELINES 1A–10, THE LOCAL RTK BASE WAS SET AT USACE ALUMINUM CAP "PORT 1989", WHICH IS SITUATED NEAR THE PUBLIC BOAT LAUNCH AT SHIP CREEK. FOR BASELINES 11–15 THE LOCAL RTK BASE WAS SET AT ALUMINUM CAP "AWWU 1994", SITUATED NEAR THE BLUFF ON ANCHORAGE WASTEWATER UTILITY PROPERTY, JUST SOUTH OF PT. WORONZOF. REAL–TIME–KINEMATIC TIDE DATA WAS CALIBRATED TO MANUAL TIDE OBSERVATIONS HOLDING USCGS SBC "TIDAL 16 1966", LOCATED AT THE NOAA/NOS TIDE STATION, 9455920, LOCATED AT THE PORT OF ANCHORAGE. SURVEY DATA WAS COLLECTED AND PROCESSED USING QPS QINSY (V7.4) INTEGRATED SOFTWARE.
5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
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13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ–1	2,629,995.41	1,643,787.75	82.97	–
AWWU 1994	2,629,310.92	1,635,837.52	––	See Note 2

CONTRACT NO. W911KB–04–D–0006–0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

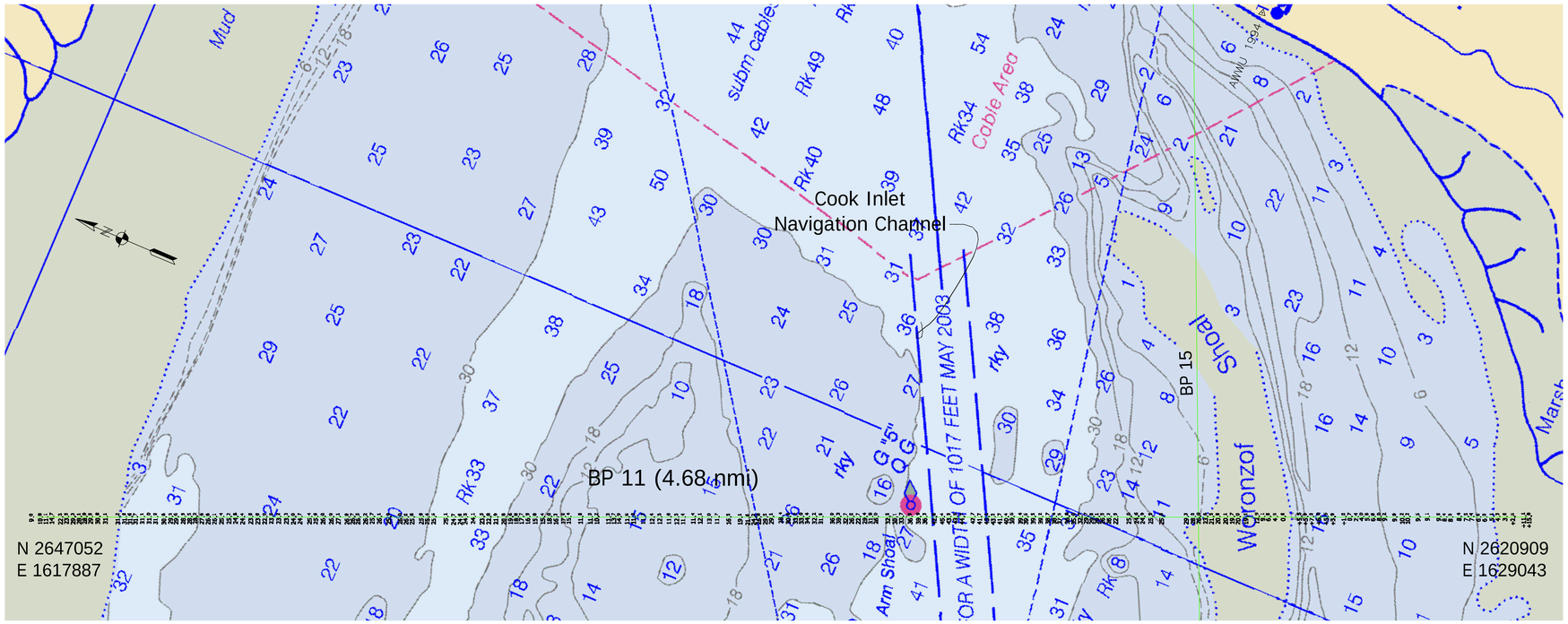
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

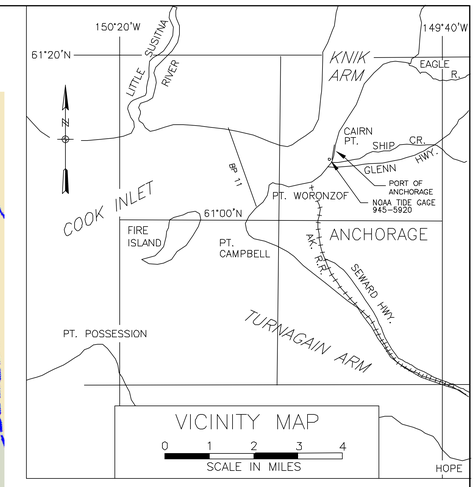
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 10
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS–READINESS BRANCH
DATE:

SURVEY NO. 2226–05
SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 20'
SHEET 12 OF 17

PLAN VIEW





NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
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3. SOUNDINGS ARE IN US SURVEY FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
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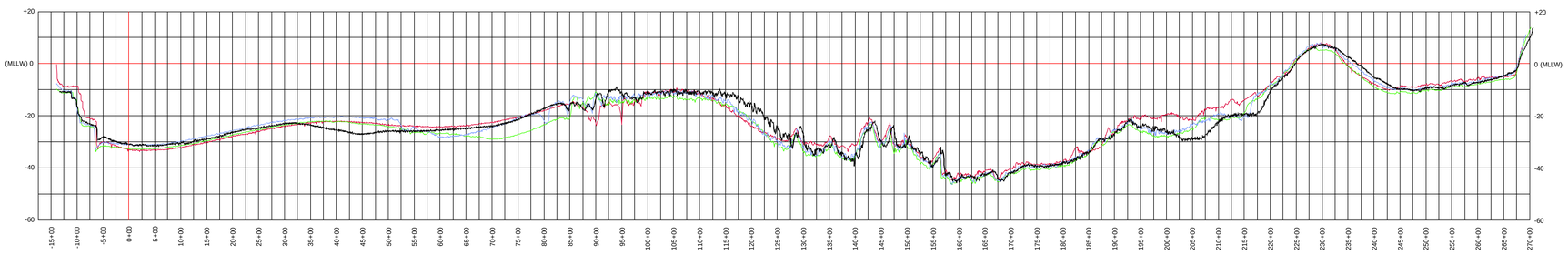
5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE 11



BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,065.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTROL DATA				
STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ–1	2,629,995.41	1,643,787.75	82.97	–
AWWU 1994	2,629,310.92	1,635,837.52	––	See Note 2

1000 0 1000 2000 3000 4000
SCALE IN FEET

PROFILE LEGEND

- May24–June2, 2005
- Sept 16–21, 2004
- June 2004
- Sept13–Oct3, 2003

CONTRACT NO. W911KB–04–D–0006–0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 11
MAY 24 TO JUNE 2, 2005

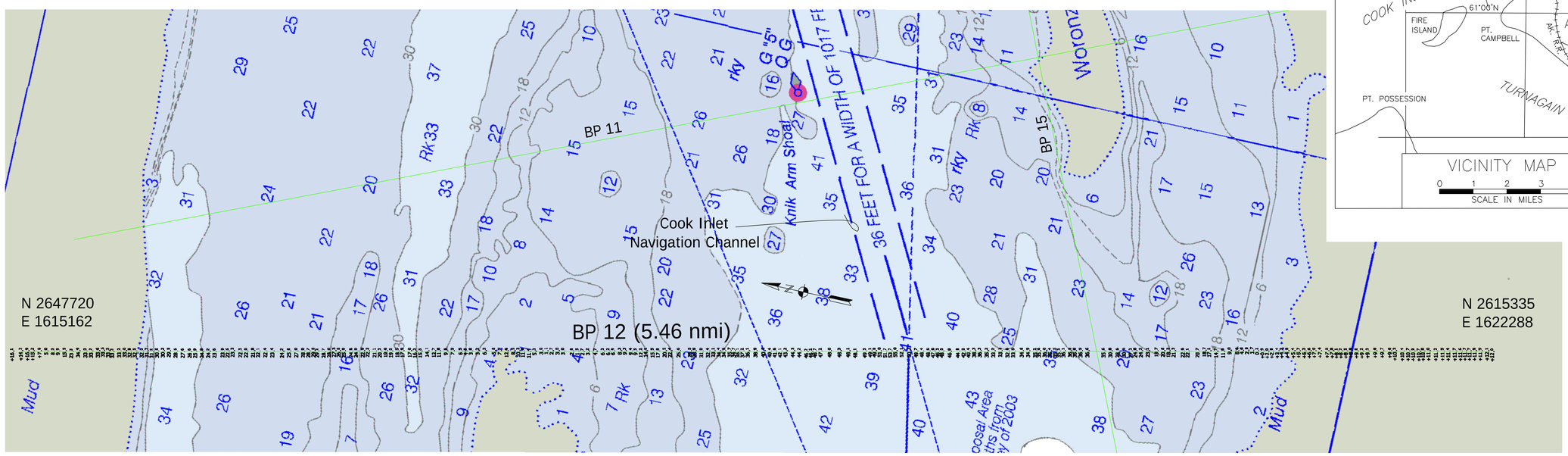
RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS–READINESS BRANCH
DATE:

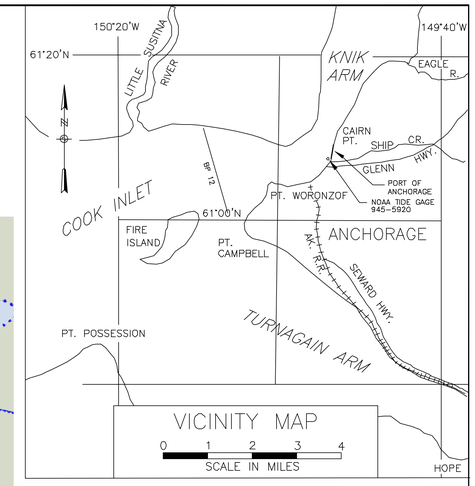
SURVEY NO. 2226–05

SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'

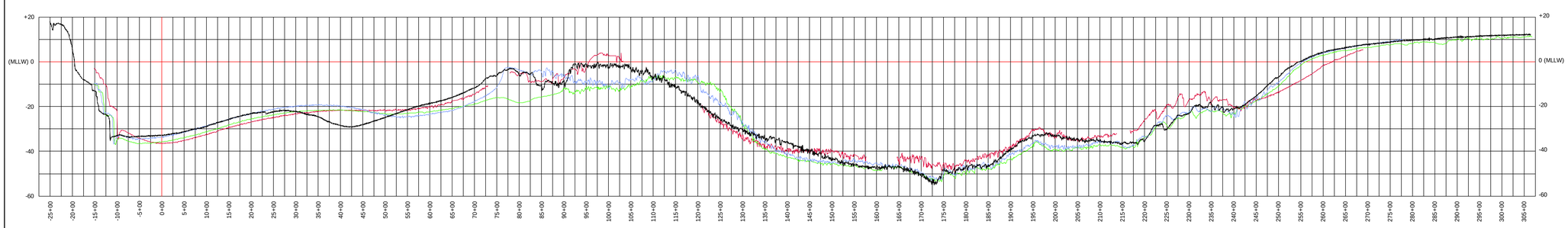
SHEET 13 OF 17

PLAN VIEW





BASELINE PROFILE 12



SCALE IN FEET

NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
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5. THIS DRAWING IS INDICATIVE OF CONDITIONS AT THE TIME OF SURVEY.
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE COORDINATES

BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,685,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,066.00	1,654,116.00	2,654,630.00	1,664,159.00
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3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
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9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
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14	2,646,959.00	1,593,667.00	2,620,868.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
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AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 12
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'

SHEET 14 OF 17

NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
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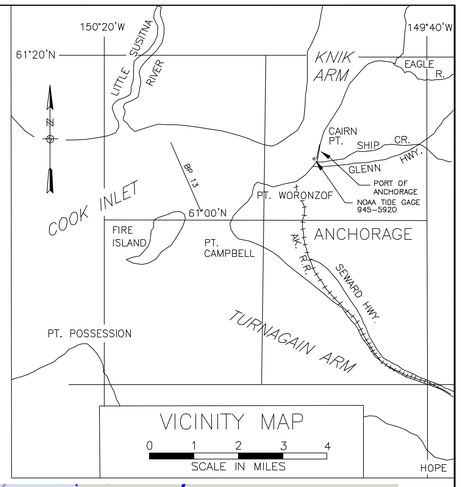
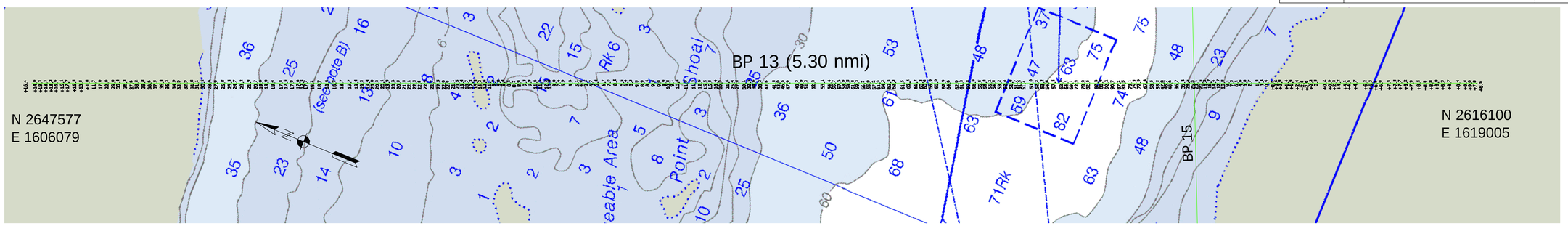
6. THE DRAWING BACKGROUND IS NOAA NAUTICAL CHART 16665, 8TH EDITION, DATED DEC. 2003 AND NOAA NAUTICAL CHART 16660, 28TH EDITION, DATED 9/8/01 FOR BASELINE 1A. DIGITAL RASTER IMAGES OF THESE CHARTS WERE TRANSLATED INTO PROJECT HORIZONTAL DATUM USING BLUE MARBLE GEOGRAPHICS TRANSFORMATION SOFTWARE.

BASELINE PROFILE COORDINATES

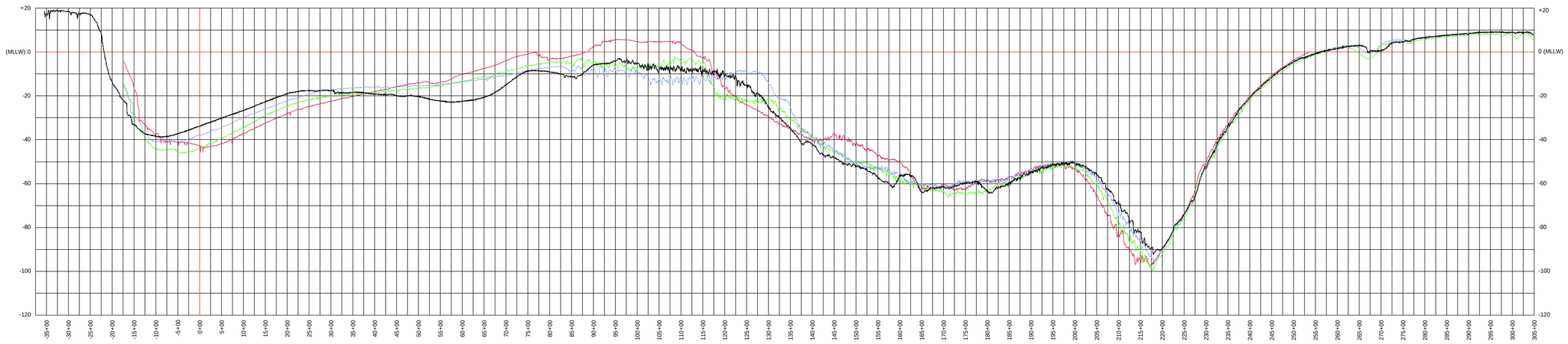
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
1	2,662,100.00	1,654,500.00	2,658,100.00	1,666,600.00
2A	2,658,086.00	1,654,116.00	2,654,630.00	1,664,159.00
2	2,653,900.00	1,653,900.00	2,651,000.00	1,661,600.00
3	2,650,700.00	1,657,200.00	2,648,500.00	1,661,700.00
4	2,650,810.00	1,649,884.00	2,646,400.00	1,661,400.00
6	2,645,300.00	1,655,000.00	2,643,400.00	1,659,600.00
8	2,648,500.00	1,647,000.00	2,639,300.00	1,659,000.00
9	2,644,400.00	1,643,000.00	2,630,300.00	1,645,100.00
10	2,647,100.00	1,635,900.00	2,631,700.00	1,637,000.00
11	2,647,052.00	1,617,887.00	2,620,909.00	1,629,043.00
12	2,647,720.00	1,615,162.00	2,615,335.00	1,622,288.00
13	2,647,577.00	1,606,079.00	2,616,100.00	1,619,005.00
14	2,646,959.00	1,593,667.00	2,620,668.00	1,604,139.00
15	2,620,455.00	1,612,345.00	2,630,766.00	1,635,888.00



PLAN VIEW



BASELINE PROFILE 13



PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

CONTROL DATA

STATION	NORTHING	EASTING	ELEV.	DESCRIPTION
N. END 1978	2,646,652.19	1,660,582.43	41.29	USACE SBC 1978
S. END 1978	2,644,298.25	1,659,725.47	40.37	USACE SBC 1978
PORT 1989	2,639,936.64	1,656,922.51	39.93	USACE SAC 1989
EQ-1	2,629,995.41	1,643,787.75	82.97	-
AWWU 1994	2,629,310.92	1,635,837.52	--	See Note 2

1000 0 1000 2000 3000 4000
SCALE IN FEET

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

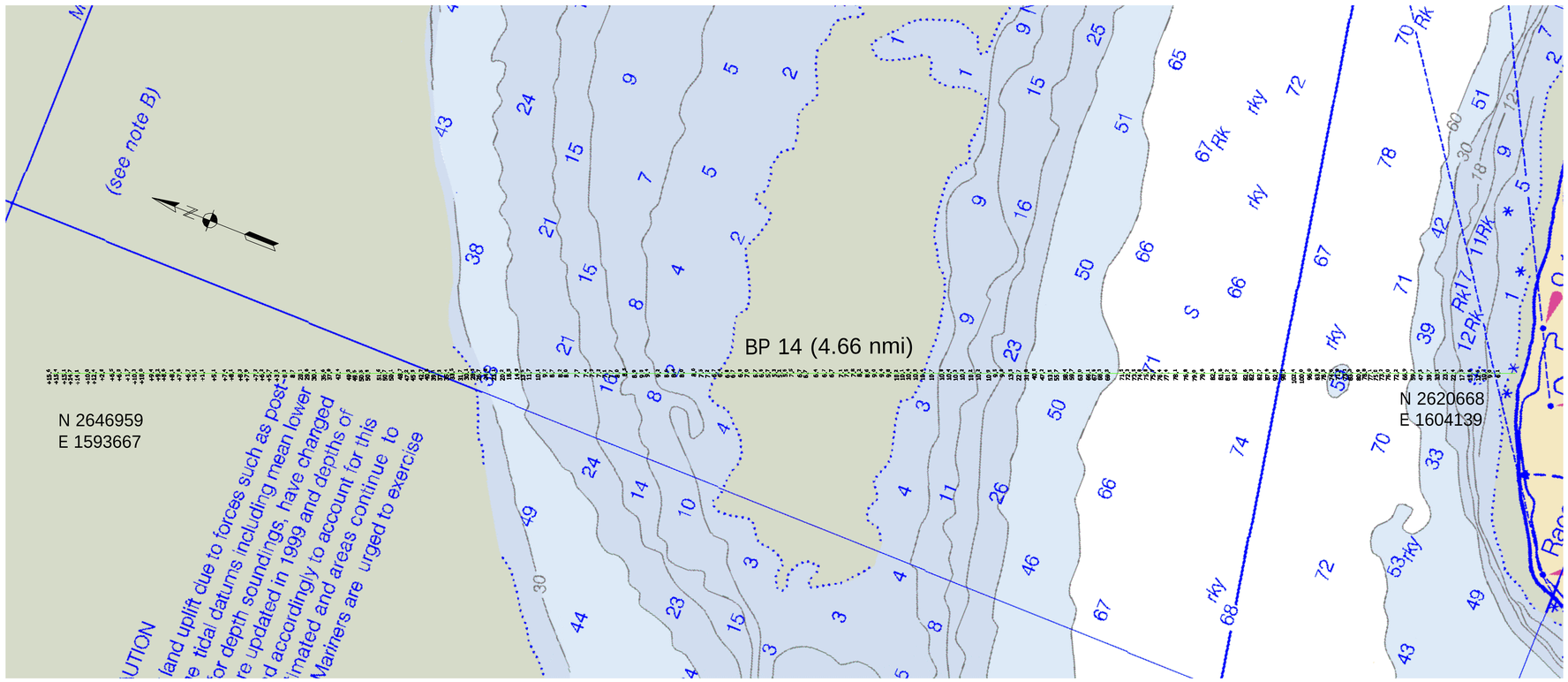
SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

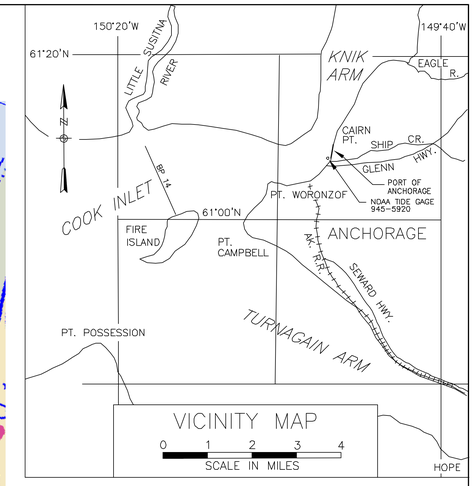
ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 13
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05
SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'
SHEET 15 OF 17

PLAN VIEW





NOTES

1. HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 4, NAD83 IN US SURVEY FEET, HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS N 2,639,936.63, E 1,656,922.51 AND 3" ALUMINUM CAP "AWWU 1994" AS N 2,629,310.92, E 1,635,837.52.
2. VERTICAL CONTROL DATUM IS IN US SURVEY FEET, REFERRING TO MEAN-LOWER-LOW-WATER (MLLW=0.0'), HOLDING USACE STANDARD ALUMINUM CAP "PORT 1989" AS 39.93' MLLW FOR BASELINES 1A THROUGH 10 AND 3" ALUMINUM CAP "AWWU 1994" AS 70.40' MLLW FOR BASELINES 11 THROUGH 15. THE ELEVATION SHOWN FOR "AWWU 1994" REPRESENTS MLLW AT THE "COOK INLET NAVIGATION CHANNEL" AND SHOULD NOT BE USED AS A MLLW REFERENCE FOR OTHER PROJECTS OUTSIDE THESE AREAS.
3. SOUNDINGS ARE IN US SURVEY FEET AND ARE MINUS UNLESS OTHERWISE INDICATED.
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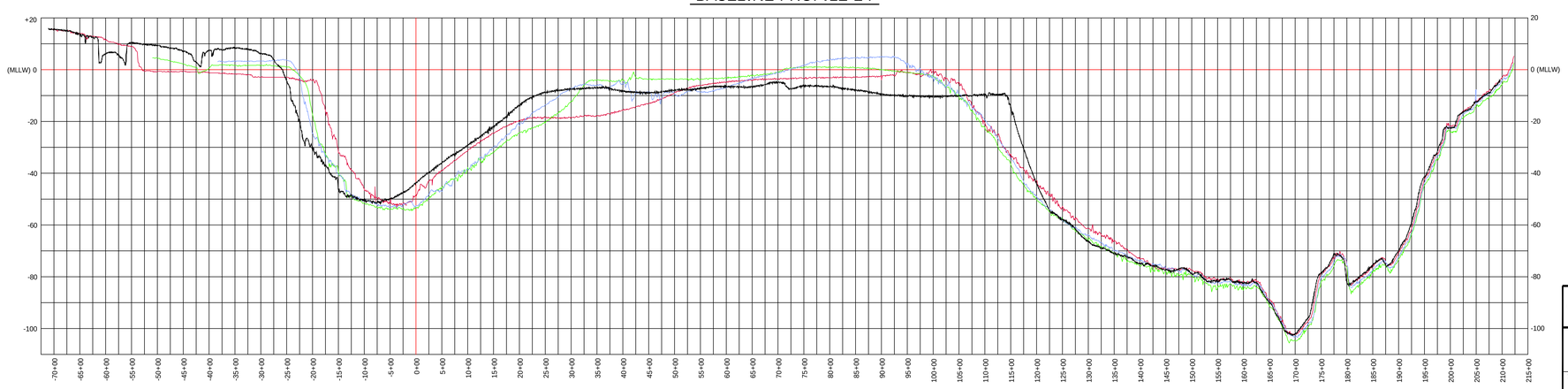
BASELINE PROFILE 14



BASELINE PROFILE COORDINATES				
BASELINE PROFILE	BEGINNING		ENDING	
	NORTHING	EASTING	NORTHING	EASTING
1A	2,686,276.00	1,658,663.00	2,676,907.00	1,686,891.00
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CONTROL DATA				
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PROFILE LEGEND

- May24–June2, 2005
- Sept 16–21, 2004
- June 2004
- Sept13–Oct3, 2003

1000 0 1000 2000 3000 4000
SCALE IN FEET

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 14
MAY 24 TO JUNE 2, 2005

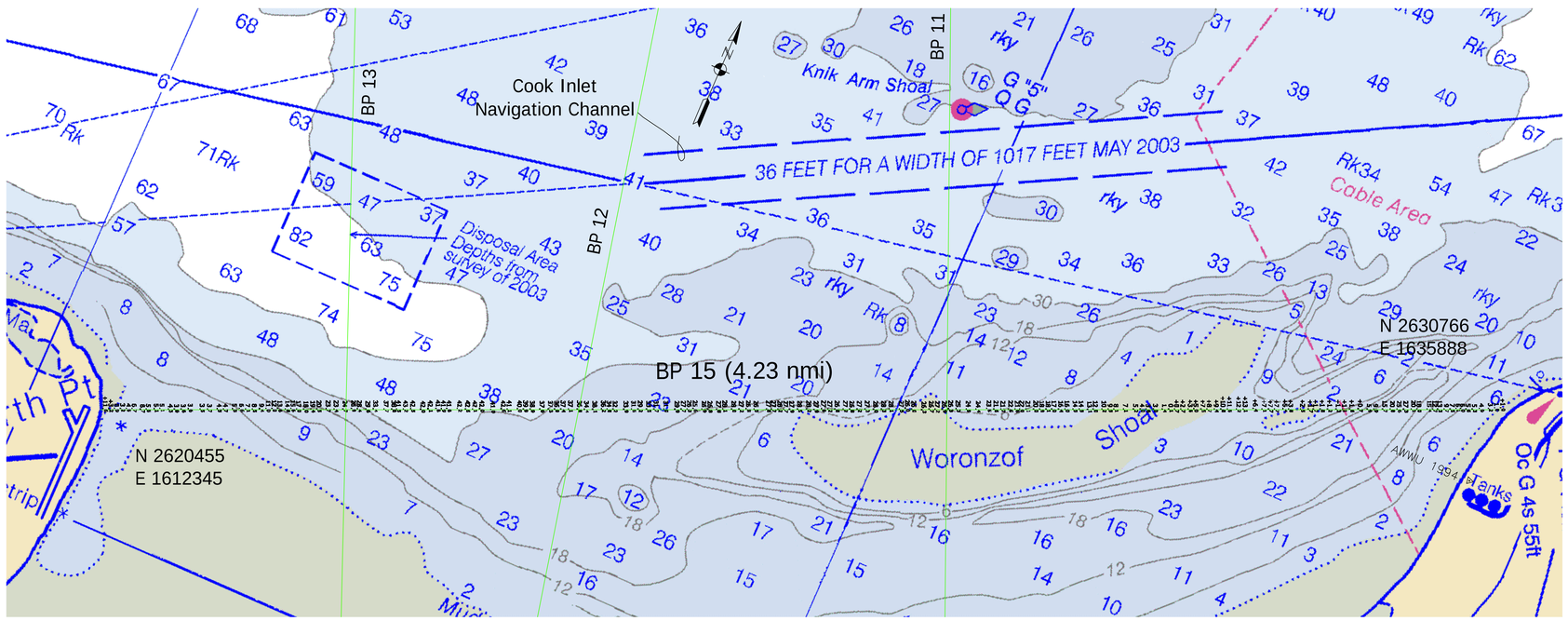
RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

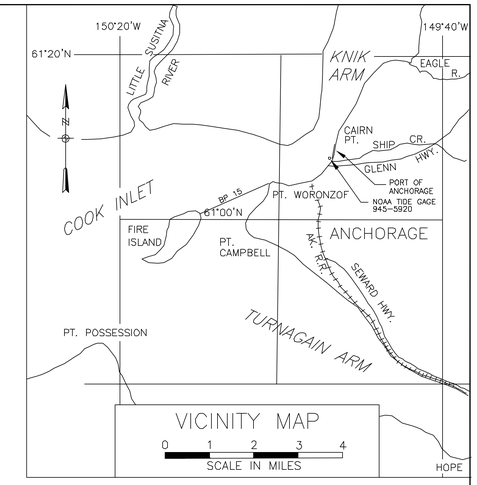
SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'

SHEET 16 OF 17

PLAN VIEW





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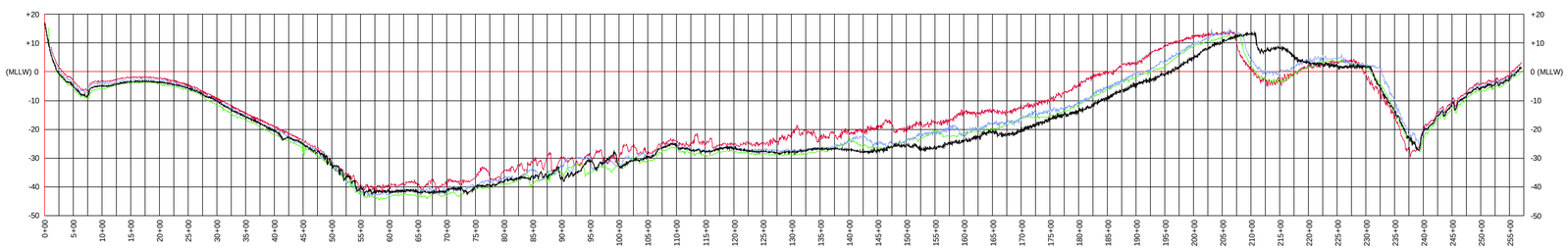
BASELINE PROFILE 15



PROFILE LEGEND

- May24-June2, 2005
- Sept 16-21, 2004
- June 2004
- Sept13-Oct3, 2003

BASELINE PROFILE COORDINATES

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1000 0 1000 2000 3000 4000
SCALE IN FEET

CONTRACT NO. W911KB-04-D-0006-0009
CONTRACTOR TERRA SURVEYS, LLC
CITY PALMER STATE AK

ALASKA DISTRICT
CORPS OF ENGINEERS
ANCHORAGE, ALASKA

SURVEYED: AVK/BVT
DRAWN: KMG
CHECKED: KDW
SUBMITTED:

ANCHORAGE, ALASKA
ANCHORAGE BASELINE PROFILE 15
MAY 24 TO JUNE 2, 2005

RECOMMENDED: PROJECT MANAGER
APPROVED: CHIEF OPERATIONS-READINESS BRANCH
DATE:

SURVEY NO. 2226-05

SCALE: HORIZONTAL: 1" = 1000' VERTICAL: 1" = 20'

SHEET 17 OF 17