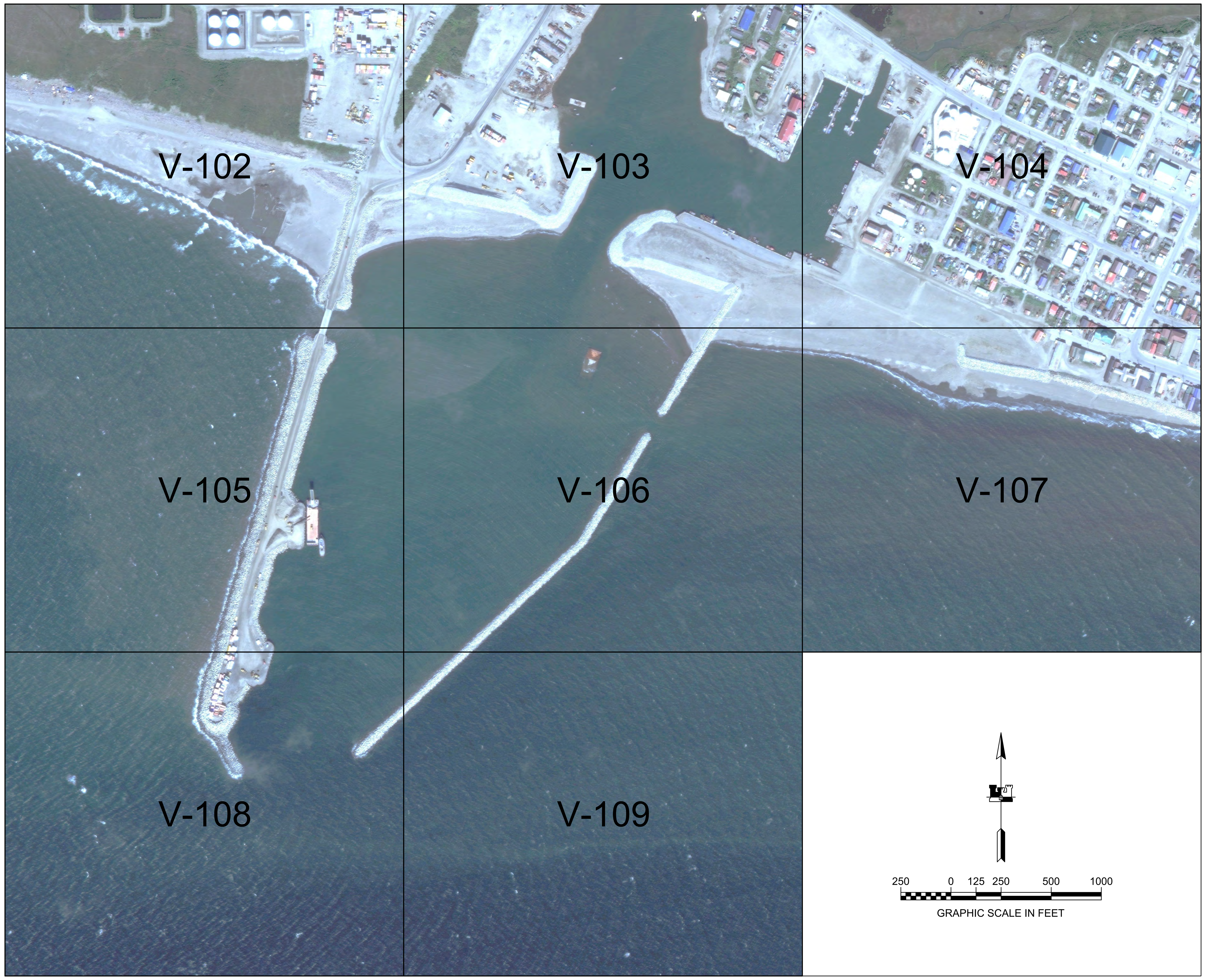

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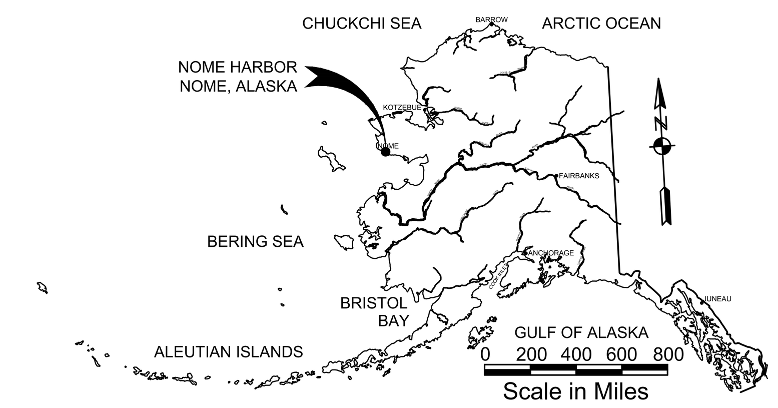
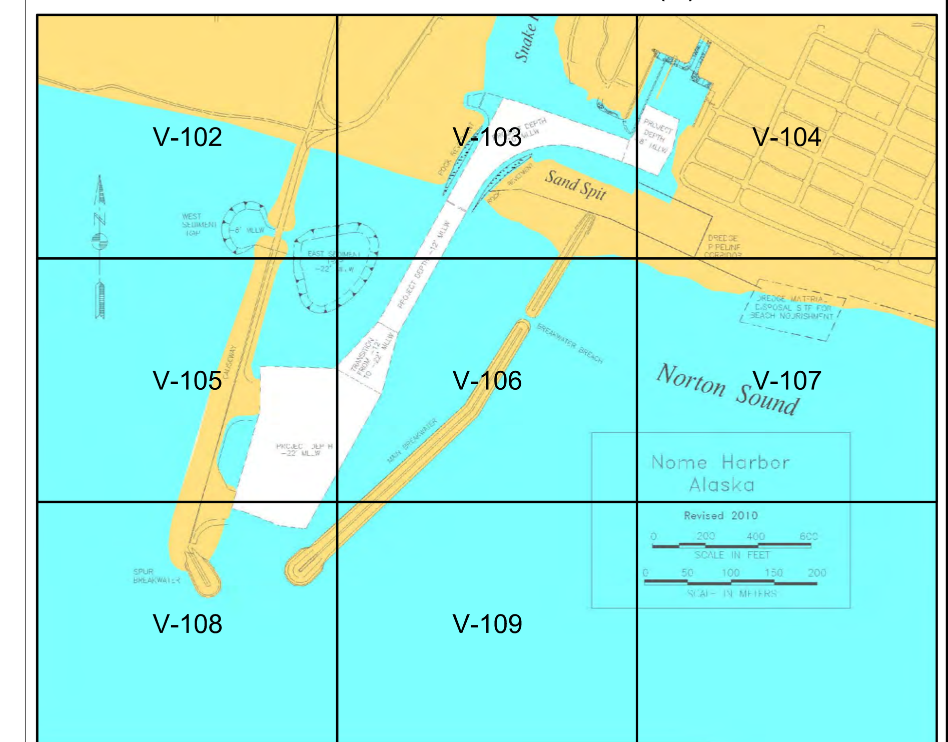
GRAPHIC SCALE IN FEET



LOCATION/VICINITY MAP(S)



NOTES

1. PRIMARY PROJECT HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 8, NAD83 (NSRS2007) U.S. FEET. BASIS OF COORDINATES IS NATIONAL GEODETIC SURVEY (NGS) CONTROL STATIONS "OME A" (PID DF3651), AS N 3,841,096.47 AND E 1,728,070.64 AND "OME B" (PID DF3652), AS N 3,842,264.55 AND E 1,729,661.41. MONUMENTS ARE SECONDARY AIRPORT CONTROL STATIONS (SACS) AT NOME AIRPORT, ALASKA. LOCAL HORIZONTAL CONTROL IS ALASKA STATE PLANE, ZONE 8, NAD 83 BASED ON CONTROL MONUMENT "NH-03" AS N 3,837,585.34 AND E 1,730,864.94 AND "NH-04" AS N 3,837,212.71 AND E 1,731,266.48.
2. PRIMARY PROJECT VERTICAL CONTROL IS MEAN LOWER LOW WATER (MLLW=O.O'), BASED ON NOAA/NOS TIDE STATION "946 8756 NOME, NORTON SOUND, ALASKA" PUBLISHED 2/9/2009. THIS TIDAL DATUM IS BASED ON THE 1983-2001 TIDAL EPOCH AND IS REFERENCED BY HOLDING NOAA/NOS TIDAL BENCHMARK "8756 E 1992" AS 16.72 FEET ABOVE MLLW.
3. VERTICAL TIES TO THE NATIONAL SPATIAL REFERENCE SYSTEM IS BASED ON PUBLISHED NAVD88 ELEVATIONS HOLDING NOAA/NOS TIDAL BENCHMARK "946 8756 G 1992" (PID BBBD24) AS 14.56 FEET.
4. SOUNDINGS ARE IN FEET AND ARE NEGATIVE UNLESS INDICATED OTHERWISE.
5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
6. THIS PRE DREDGE SURVEY WAS CONDUCTED ON JUNE 5-7, 2015 BY HUGHES & ASSOCIATES, WASILLA, AK. SOUNDINGS WERE COLLECTED USING A RESON NAVISOUND 210 DEPTH SOUNDER WITH A 200KHZ, 3 DEGREE BEAM-WIDTH, SINGLE-BEAM TRANSDUCER. POSITIONING AND TIDES WERE PROVIDED IN REAL TIME USING A TRIMBLE R8 RECEIVER OPERATING ON KINEMATIC CORRECTORS BROADCAST FROM A TRIMBLE R8 BASE STATION SET AT USACE BRASS CAP "NH-04 2007". VESSEL NAVIGATION, DATA COLLECTION AND PROCESSING WERE PERFORMED USING HYPACK 2015 INTEGRATED SOFTWARE.
7. THE CONTROL VALUES SHOWN IN THE TABLE ARE NOAA PUBLISHED VALUES. THE CONTROL USED (NH-04, NH-03, KMJV-1, BOOTSTRAP) WERE VERIFIED PRIOR TO THE PRE DREDGE SURVEY AND HOLD AS PUBLISHED.

SURVEY CONTROL DATA

STATION	NORTHING	EASTING	MLLW	DESCRIPTION
39+71	3,834,957.98	1,729,422.33	16.88	BRASS CAP (NOT SEARCHED)
53+68	3,834,888.51	1,728,762.20	14.36	BRASS CAP (NOT SEARCHED)
8756-E 1992	3,838,068.50	1,729,823.00	16.61	BRASS CAP (FOUND)
BOOTSTRAP	3,838,021.15	1,730,359.97	6.84	BRASS CAP (FOUND)
CELL	3,835,965.94	1,729,122.26	12.91	ALUMINUM MON (FOUND)
DINGO	3,836,890.97	1,732,407.19	19.48	BRASS CAP (FOUND)
KMJV-1	3,837,168.87	1,729,283.15	16.63	BRASS CAP (FOUND)
NH-02	3,838,272.50	1,731,835.01	12.59	BRASS CAP (FOUND)
NH-03	3,837,585.34	1,730,864.94	14.01	BRASS CAP (FOUND)
NH-04	3,837,212.71	1,731,266.48	15.44	BRASS CAP (FOUND)
OME A	3,841,096.47	1,728,070.64		BRASS CAP (NOT SEARCHED)
OME B	3,842,264.55	1,729,661.41		BRASS CAP (NOT SEARCHED)
PUMP	3,837,605.19	1,731,831.48	9.32	BRASS CAP (FOUND)
SHEET	3,837,882.85	1,731,533.69	11.84	ALUMINUM MON (SFNF)

STATE OF ALASKA 49TH CORY S. HUGHES LS-13009 REGISTERED PROFESSIONAL LAND SURVEYOR

SURVEY LIMITS

CORNER#	NORTHING	EASTING
1	3,833,988.63	1,729,500.82
2	3,834,388.48	1,727,992.32
3	3,835,359.29	1,728,024.68
4	3,835,233.84	1,728,536.07
5	3,834,973.88	1,728,518.44
6	3,834,880.85	1,728,655.20
7	3,834,730.05	1,728,735.65
8	3,834,722.75	1,728,851.43
9	3,834,818.42	1,728,904.81
10	3,834,992.14	1,728,806.34
11	3,835,113.31	1,728,876.78
12	3,835,250.46	1,728,920.04
13	3,835,440.79	1,728,974.99
14	3,835,564.00	1,728,959.61
15	3,835,911.84	1,729,059.45
16	3,835,940.96	1,729,123.40
17	3,836,166.59	1,729,127.64
18	3,836,243.67	1,729,075.34
19	3,836,307.82	1,729,085.60
20	3,836,550.74	1,729,155.40
21	3,836,694.83	1,729,203.96

SURVEY LIMITS

CORNER#	NORTHING	EASTING
22	3,836,737.92	1,729,234.80
23	3,836,791.44	1,729,254.84
24	3,836,872.47	1,729,305.27
25	3,836,917.04	1,729,326.26
26	3,837,101.94	1,729,380.21
27	3,837,215.51	1,729,364.11
28	3,837,240.26	1,729,593.68
29	3,837,262.41	1,729,747.60
30	3,837,341.06	1,730,140.80
31	3,837,386.65	1,730,224.29
32	3,837,550.51	1,730,441.69
33	3,837,834.13	1,730,604.31
34	3,837,901.51	1,730,586.05
35	3,837,936.57	1,730,479.44
36	3,838,067.00	1,730,484.53
37	3,838,086.08	1,730,611.18
38	3,837,856.45	1,731,469.04
39	3,837,883.71	1,731,527.32
40	3,838,266.56	1,731,705.15
41	3,838,156.56	1,731,945.06
42	3,838,121.14	1,731,928.81

SURVEY LIMITS

CORNER#	NORTHING	EASTING
43	3,838,062.55	1,732,056.60
44	3,837,844.03	1,731,956.41
45	3,837,873.21	1,731,892.78
46	3,837,382.19	1,731,670.15
47	3,837,429.47	1,731,564.21
48	3,837,388.32	1,731,545.17
49	3,837,658.33	1,730,946.01
50	3,837,649.49	1,730,836.88
51	3,837,552.79	1,730,693.17
52	3,837,447.56	1,730,607.38
53	3,837,396.54	1,730,622.75
54	3,837,233.79	1,730,515.32
55	3,836,757.10	1,730,246.89
56	3,836,065.16	1,729,970.26
57	3,835,088.68	1,729,424.17
58	3,835,069.36	1,729,381.21
59	3,834,967.86	1,729,272.71
60	3,834,836.45	1,729,293.16
61	3,834,807.02	1,729,422.81
62	3,834,908.69	1,729,531.49

DREDGE LIMITS (MAIN CHANNEL)

CORNER#	NORTHING	EASTING
DL-1	3,835,149.55	1,729,399.02
DL-2	3,836,072.82	1,729,918.93
DL-3	3,836,470.43	1,730,028.07
DL-4	3,837,258.32	1,730,471.76
DL-5	3,837,512.08	1,730,634.04
DL-6	3,837,682.32	1,730,850.05
DL-7	3,837,676.52	1,731,038.64
DL-8	3,837,477.28	1,731,471.47
DL-9	3,837,389.71	1,731,661.72
DL-10	3,837,780.09	1,731,841.42
DL-11	3,837,960.29	1,731,879.63
DL-12	3,838,068.59	1,731,647.06
DL-13	3,837,889.01	1,731,563.78

DREDGE LIMITS (MAIN CHANNEL)

CORNER#	NORTHING	EASTING
DL-13A	3,837,833.67	1,731,450.42
DL-14	3,838,004.90	1,730,713.69
DL-15	3,837,805.36	1,730,607.88
DL-16	3,837,331.92	1,730,341.06
DL-17	3,836,544.03	1,729,897.37
DL-18	3,836,244.56	1,729,613.96
DL-19	3,836,256.67	1,729,127.44
DL-20	3,836,166.59	1,729,127.64
DL-21	3,836,166.59	1,729,227.64
DL-22	3,835,941.14	1,729,224.59
DL-23	3,835,263.17	1,729,026.05
DL-24	3,835,168.52	1,729,218.48

ENTRANCE CHANNEL CENTERLINE

POINT	STATION	NORTHING	EASTING
C1	10+00	3,837,645.05	1,731,549.07
C2	16+17.02	3,837,846.12	1,730,965.73
C3	19+84.80	3,837,725.78	1,730,648.92
C4	49+49.20	3,835,142.70	1,729,194.32

DREDGE LIMITS (EAST SEDIMENT TRAP)

CORNER#	NORTHING	EASTING
DL-25	3,837,169.70	1,729,826.82
DL-26	3,837,188.08	1,729,724.66
DL-27	3,837,141.72	1,729,440.28
DL-28	3,836,920.50	1,729,383.90
DL-29	3,836,712.15	1,729,439.22
DL-30	3,836,753.91	1,729,609.77
DL-31	3,836,795.08	1,729,685.94
DL-32	3,836,877.58	1,729,717.05
DL-33	3,836,889.71	1,729,804.27
DL-34	3,837,022.53	1,729,867.08

DREDGE LIMITS (STA 18+00 TO 23+00 +-)

CORNER#	NORTHING	EASTING
A	3,837,887.27	1,730,662.63
B	3,837,690.63	1,730,843.85
C	3,837,413.08	1,730,561.80
D	3,837,483.02	1,730,437.69
E	3,837,517.58	1,730,630.69

DREDGED MATERIAL PLACEMENT AREA

CORNER#	NORTHING	EASTING
D1	3,836,824.59	1,732,382.37
D2	3,836,697.10	1,732,946.87
D3	3,836,418.50	1,732,818.63
D4	3,836,546.00	1,732,254.13

VOLUME COMPUTATIONS

−10 PROJECT DEPTH AREA (INNER HARBOR TO APPROX STATION 24+75)	
VOLUME AVAILABLE TO PROJECT DEPTH (−10 FT)	3,845 cy
VOLUME AVAILABLE BETWEEN PD (−10 FT) AND MAX−PAY DEPTH (−11 FT)	6,431 cy
−12 PROJECT DEPTH AREA (APPROX STATION 24+75 TO APPROX STATION 33+83)	
VOLUME AVAILABLE TO PROJECT DEPTH (−12 FT)	4,316 cy
VOLUME AVAILABLE BETWEEN PD (−12 FT) AND MAX−PAY DEPTH (−13 FT)	4,890 cy
TRANSITION AREA (APPROX STATION 33+83 TO APPROX STATION 37+83)	
VOLUME AVAILABLE TO PROJECT DEPTH (VARIES)	10,816 cy
VOLUME AVAILABLE BETWEEN PD (VARIES) AND MAX−PAY DEPTH (VARIES)	3,701 cy
−22 PROJECT DEPTH AREA (APPROX STATION 37+83 TO STATION 49+49)	
VOLUME AVAILABLE TO PROJECT DEPTH (−22 FT)	34,330 cy
VOLUME AVAILABLE BETWEEN PD (−22 FT) AND MAX−PAY DEPTH (−23 FT)	20,585 cy
EAST SEDIMENT TRAP AREA (PROJECT DEPTH −22)	
VOLUME AVAILABLE TO PROJECT DEPTH (−22 FT) IN EAST SEDIMENT TRAP	70,566 cy
VOLUME AVAILABLE BETWEEN PROJECT DEPTH (−22 FT) AND MAX−PAY DEPTH (−23 FT) IN EAST SEDIMENT TRAP	5,985 cy
VOLUME AVAILABLE IN EAST SEDIMENT TRAP 3:1 SIDE SLOPES	21,506 cy
VOLUME AVAILABLE IN 3:1 SIDE SLOPES	8,481 cy
TOTAL AVAILABLE VOLUME	195,452 cy

US Army Corps of Engineers ®
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: PRIME CONTRACTOR Approved: CHIEF SURVEY SECTION Date:

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

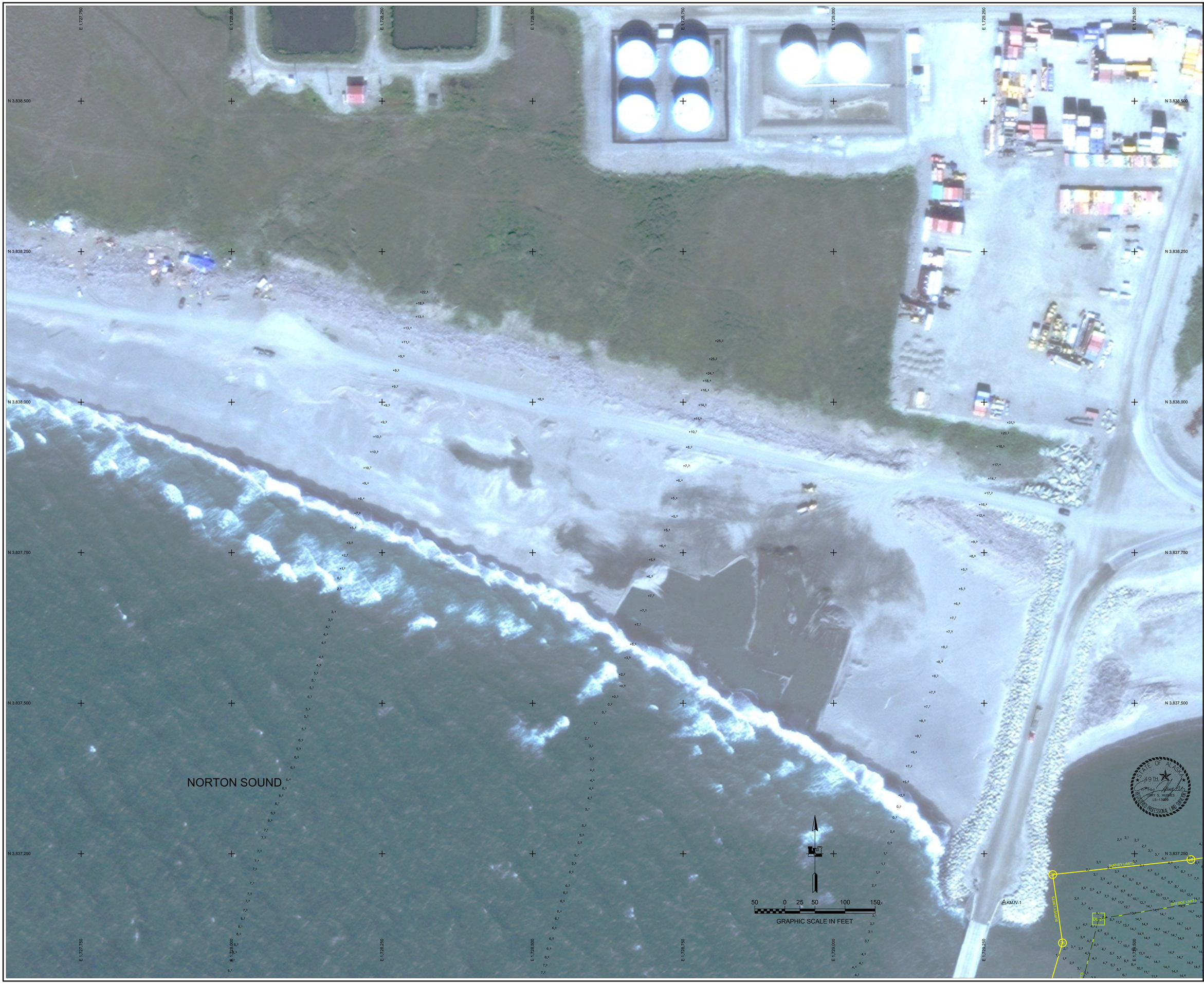
SURVEYED BY: CSH & JSH
DRAWN BY: BTH
CHECKED BY: CSH
APPROVED BY:
SCALE: 1" = 50'
PLOT DATE: 7/17/2015
SIZE: ANSI E
FILE NAME: 2015 NOME PREDREDGE 6_6.DWG
DATE: 17 July 2015
SURVEY NO.: 3280-15
CONTRACT NO.: W911KB-13-C-0007
CWIS or UPC & (P2) #s: NOM009

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION

V-101

Sheet 1 of 48



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved: Date:
PRIME CONTRACTOR CHIEF SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: CSH & JSH
DRAWN BY: BTH
APPROVED BY:
SCALE: 1" = 50'
SIZE: ANSI E
DATE: 17 July 2015
SURVEY NO.: 3208-15
CHECKED BY: CSH
CONTRACT NO.: W911KB-13-C-0007
PLOT DATE: 7/17/2015
CWIS or UPC & (P2) #'s: NOM009
FILE NAME: 2015 NOME PREDREDGE 6_6.DWG

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ALASKA DISTRICT
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JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION
V-102

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved: Date:
PRIME CONTRACTOR CHIEF SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD	REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: CSH & JSH
DRAWN BY: BTH
CHECKED BY: CSH
DATE: 17 July 2015
SURVEY NO.: 3280-15
APPROVED BY:
CONTRACT NO.: W911KB-13-C-0007
SCALE: 1" = 50'
PLOT DATE: 7/17/2015
CWIS or UPC & (P2) #'s: NOM009
SIZE: ANSI E
FILE NAME: 2015 NOME PREDREDGE 6_6.DWG

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ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION
V-103
Sheet 3 of 48

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ---------- Approved: ---------- Date: ----------
PROJECT ENGINEER / CONTRACTOR / CONTRACTING OFFICER

NUMBER	DATE	DESCRIPTION	BY	APPRO

NUMBER	DATE	DESCRIPTION	BY	APPRO	REVISION	DATE	DESCRIPTION	BY	APPRO

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

SURVEYED BY: CSH & JSH
DRAWN BY: CSH
APPROVED BY:
SCALE: 1" = 50'
SIZE: ANSI E
DATE: 17 July 2015
SURVEY NO.: 2015-06
CONTRACT NO.: W911KB-13-C-0007
PLOT DATE: 7/17/2015
CONTRACT NO.: W911KB-13-C-0007
CRSS or UPC & (PZ) #'s: 1000
FILE NAME: 2015 NOME HYDROSTOSE 6_6.DWG

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION
V-104
Sheet 4 of 48

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACTOR: ALASKA MARINE EXCAVATION LLC, LLC
CONTRACT NO.: W91189-13-C-0007
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Date:
Approved: Date:
PROJECT MANAGER / CONTRACTOR CHIEF, SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPRO

REVISION	DATE	DESCRIPTION	BY	APPRO

SURVEYED BY: Chris A.Jim
DRAWN BY: Eric Th.
APPROVED BY:
CHECKED BY: CSH
DATE: 17 July 2015
SURVEY NO.: 2015-05
CONTRACT NO.: W91189-13-C-0007
SCALE: 1" = 50'
PLOT DATE: 7/17/2015
CADD by: DPC & (YR)J.Pk.
Checker:
SIZE: ANSI D
FILE NAME: 2015 NOME HydrographicSurvey_6_5.DWG

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ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

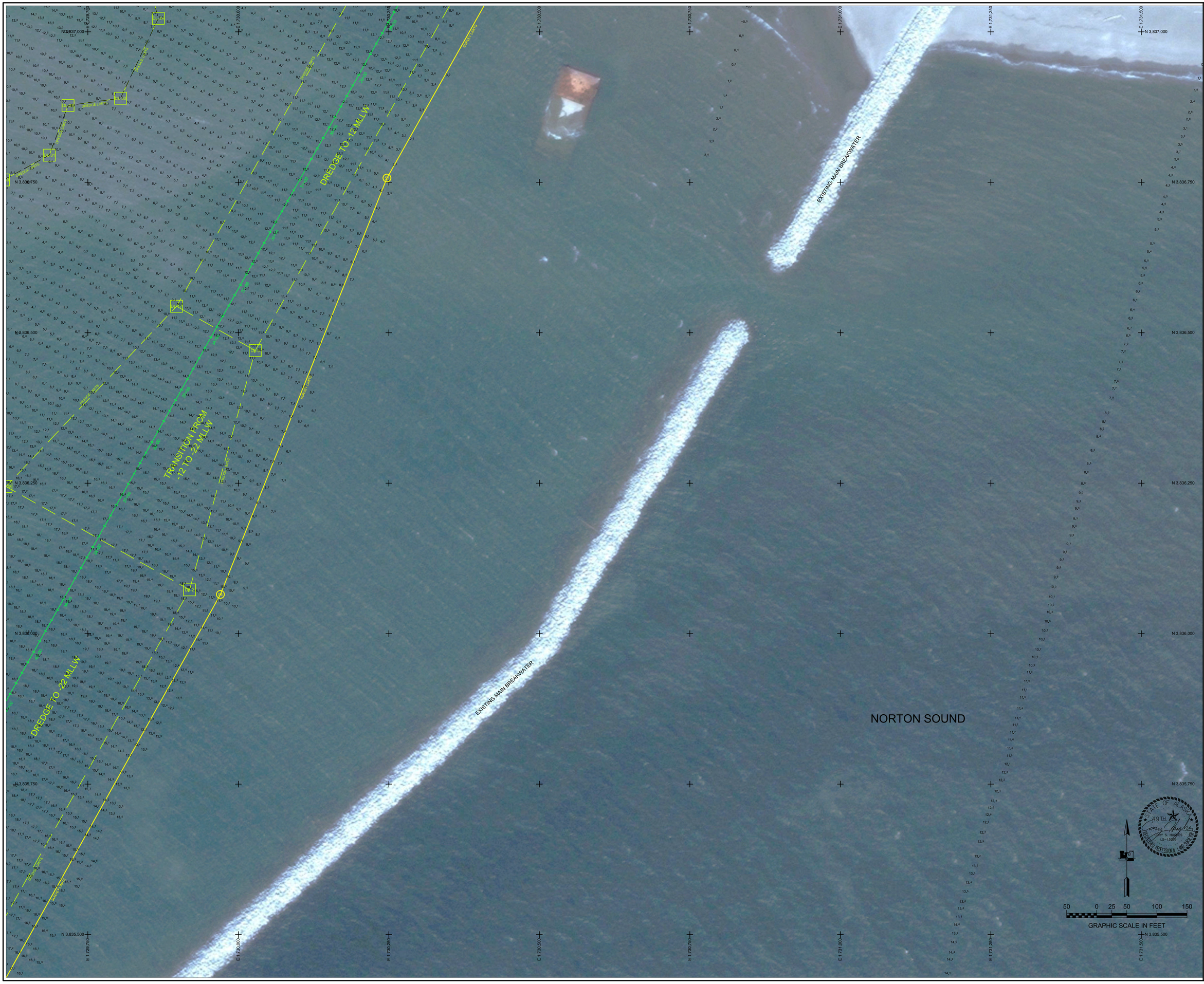
HUGHES & ASSOCIATES
2010 S.G.R.E. LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION

V-105

Sheet 5 of 48



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91H8-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved:
Date:
CHIEF, CONSTRUCTION / CHIEF, ENGINEERING DIVISION

REVISION	DATE	DESCRIPTION	BY	APPROD
REVISION	DATE	DESCRIPTION	BY	APPROD

SURVEYED BY: CSH & JBH
DRAWN BY: BB
APPROVED BY:
CHECKED BY: CSH
DATE: 17 July 2015
SURVEY NO.: 2015-5
CONTRACT NO.: W91H8-13-C-0007
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PLOT DATE: 7/17/2015
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U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

STATE OF ALASKA 49TH GARY S. HUGHES LS-13009 REGISTERED PROFESSIONAL LAND SURVEYOR

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION
V-106
Sheet 6 of 48

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: PRIME CONTRACTOR
Approved: CHIEF SURVEY SECTION
Date:

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: CSH & JSH
DRAWN BY: BTH
APPROVED BY:
CHECKED BY: CSH
SCALE: 1" = 50'
PLOT DATE: 7/17/2015
SIZE: ANSI E
FILE NAME: 2015 NOME PREDREDGE 6_6.DWG
DATE: 17 July 2015
SURVEY NO.: 3280-15
CONTRACT NO.: W911KB-13-C-0007
CWIS or UPC & (P2) #'s: NOM009

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

SHEET IDENTIFICATION
V-107
Sheet 7 of 48

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved: Date:
PRIME CONTRACTOR CHIEF SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD	REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: CSH & JSH	DATE: 17 July 2015	
DRAWN BY: BTH	CHECKED BY: CSH	SURVEY NO.: 2280-15
APPROVED BY:		CONTRACT NO.: W911KB-13-C-0007
SCALE: 1" = 50'	PLOT DATE: 7/17/2015	CWIS or UPC & (P2) #'s: NOM009
SIZE: ANSI E	FILE NAME: 2015 NOME PREDEDGE 6_6.DWG	

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

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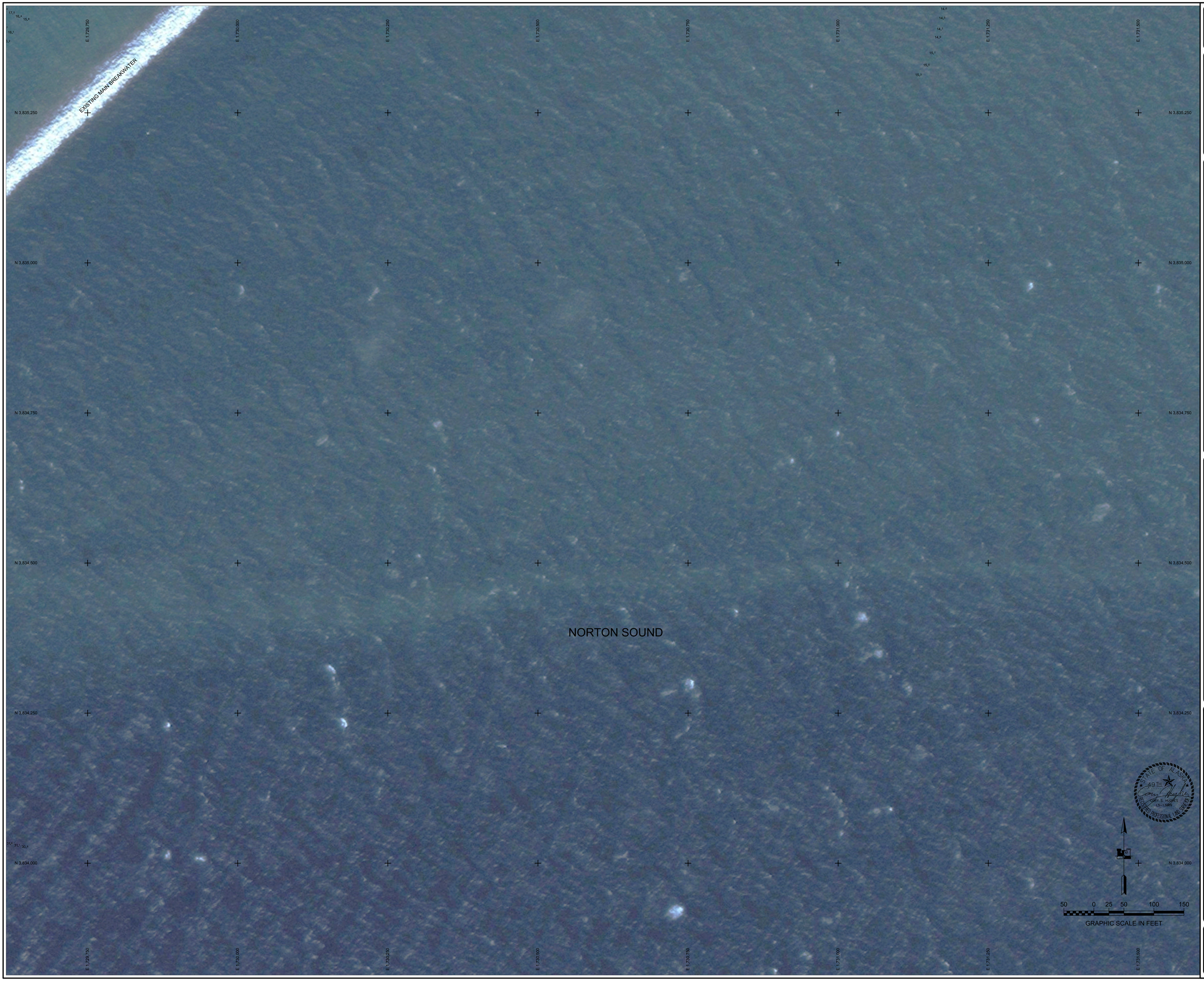

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved: Date:
PRIME CONTRACTOR CHIEF SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: CSH & JSH
DRAWN BY: BTH
APPROVED BY:
CHECKED BY: CSH
SCALE: 1" = 50'
PLOT DATE: 7/17/2015
SIZE: ANSI E
FILE NAME: 2015 NOME PREDREDGE 6_6.DWG
DATE: 17 July 2015
SURVEY NO.: 3390-15
CONTRACT NO.: W911KB-13-C-0007
CWIS or UPC & (P2) #'s: NOM009

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2970 COTTLE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2015 MAINTENANCE DREDGING
PRE DREDGE HYDROGRAPHIC SURVEY
JUNE 5-7, 2015

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