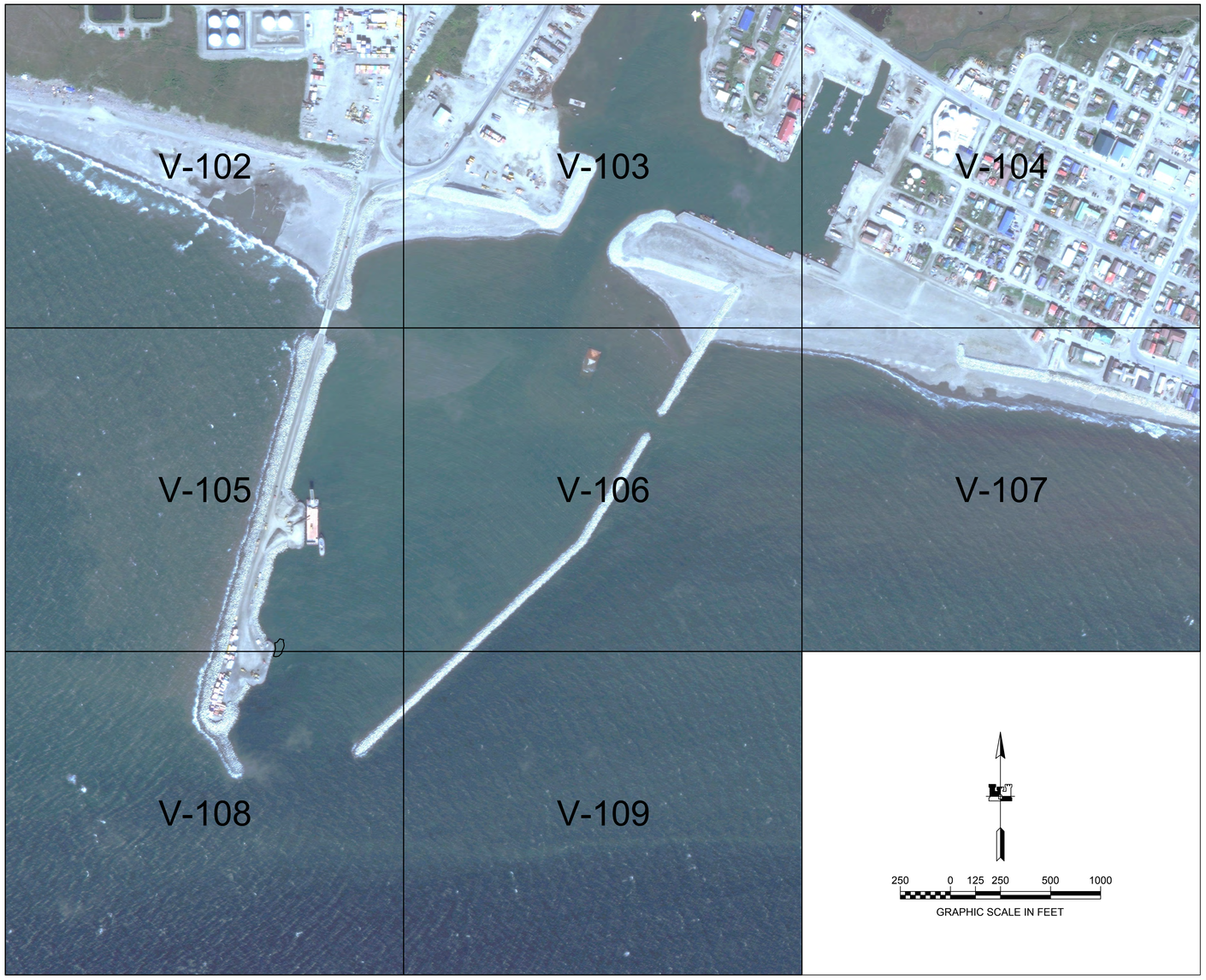
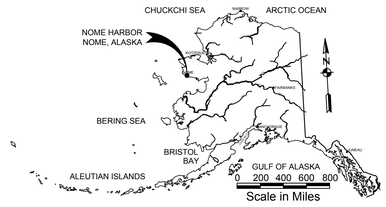
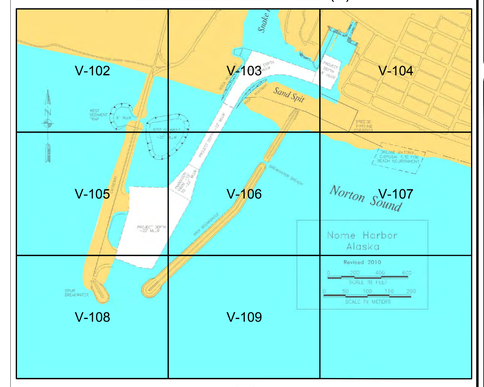




LOCATION/VICINITY MAP(S)



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.
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 2/29/2009. THIS TIDAL DATUM IS BASED ON THE 1983-2001 TIDAL EPOCH AND IS REFERENCED BY HOLDING NOAA/NOS TIDAL BENCHMARK "KMJV-1 1996" AS 16.46 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 AR NEGATIVE UNLESS INDICATED OTHERWISE.
5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
6. THIS POST DREDGE SURVEY WAS CONDUCTED ON JULY 11-12, 2014 BY HUGHES AND 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 2014 INTEGRATED SOFTWARE.
7. THE CONTROL VALUES SHOWN ON THIS PLAT 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
53+68	3,834,888.51	1,728,762.20	14.36	BRASS CAP
BOOTSTRAP	3,838,021.15	1,730,359.97	6.84	BRASS CAP
CELL	3,835,965.94	1,729,122.26	12.91	ALUMINUM MON
DINGO	3,836,890.97	1,732,407.19	19.48	BRASS CAP
KMJV-1	3,837,168.87	1,729,283.15	16.63	BRASS CAP
NH-02	3,838,272.50	1,731,835.01	12.59	BRASS CAP
NH-03	3,837,585.34	1,730,864.94	14.01	BRASS CAP
NH-04	3,837,212.71	1,731,266.48	15.44	BRASS CAP
OME A	3,841,096.47	1,728,070.64		BRASS CAP
OME B	3,842,264.55	1,729,661.41		BRASS CAP
POINT - (77)	3,837,337.11	1,730,343.98	-10.00	PL-R
POINT - (79)	3,837,263.34	1,730,475.07	-10.00	PL-R
PUMP	3,837,605.19	1,731,831.48	9.32	BRASS CAP
SHEET	3,837,882.85	1,731,533.69	11.84	ALUMINUM MON

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 REMOVED TO PROJECT DEPTH (−10 FT)	4,430 cy
VOLUME REMOVED BETWEEN PD (−10 FT) AND MAX−PAY DEPTH (−11 FT)	1,477 cy
−12 PROJECT DEPTH AREA (APPROX STATION 24+75 TO APPROX STATION 33+83)	
VOLUME REMOVED TO PROJECT DEPTH (−12 FT)	7,189 cy
VOLUME REMOVED BETWEEN PD (−12 FT) AND MAX−PAY DEPTH (−13 FT)	2,598 cy
TRANSITION AREA (APPROX STATION 33+83 TO APPROX STATION 37+83)	
VOLUME REMOVED TO PROJECT DEPTH (VARIES)	7,528 cy
VOLUME REMOVED BETWEEN PD (VARIES) AND MAX−PAY DEPTH (VARIES)	157 cy
−22 PROJECT DEPTH AREA (APPROX STATION 37+83 TO STATION 49+49)	
VOLUME REMOVED TO PROJECT DEPTH (−22 FT)	19,889 cy
VOLUME REMOVED BETWEEN PD (−22 FT) AND MAX−PAY DEPTH (−23 FT)	4,013 cy
EAST SEDIMENT TRAP AREA (PROJECT DEPTH −22)	
VOLUME REMOVED TO PROJECT DEPTH (−22 FT) IN EAST SEDIMENT TRAP	−837 cy
VOLUME REMOVED BETWEEN PROJECT DEPTH (−22 FT) AND MAX−PAY DEPTH (−23 FT) IN EAST SEDIMENT TRAP	0 cy
VOLUME REMOVED IN EAST SEDIMENT TRAP SIDE SLOPES	−154 cy
VOLUME REMOVED IN SIDE SLOPES	7,004 cy
TOTAL VOLUME REMOVED	54,285 cy
OVERDREDGE PAST MPD	2,958 cy

STATE OF ALASKA 49TH
COLLY S. HUGHES
LS-13869
REGISTERED PROFESSIONAL LAND SURVEYOR

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACTOR: ALASKA MARINE EXCAVATION, LLC LLC
CONTRACT NO.: W91X4B-13-C-0007
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ---------- Approved: ----------
Date: ----------
CHIEF, SURVEY SECTION
CHIEF, CONSTRUCTION

REVISION	DATE	DESCRIPTION	BY	APPVD	REVISION	DATE	DESCRIPTION	BY	APPVD

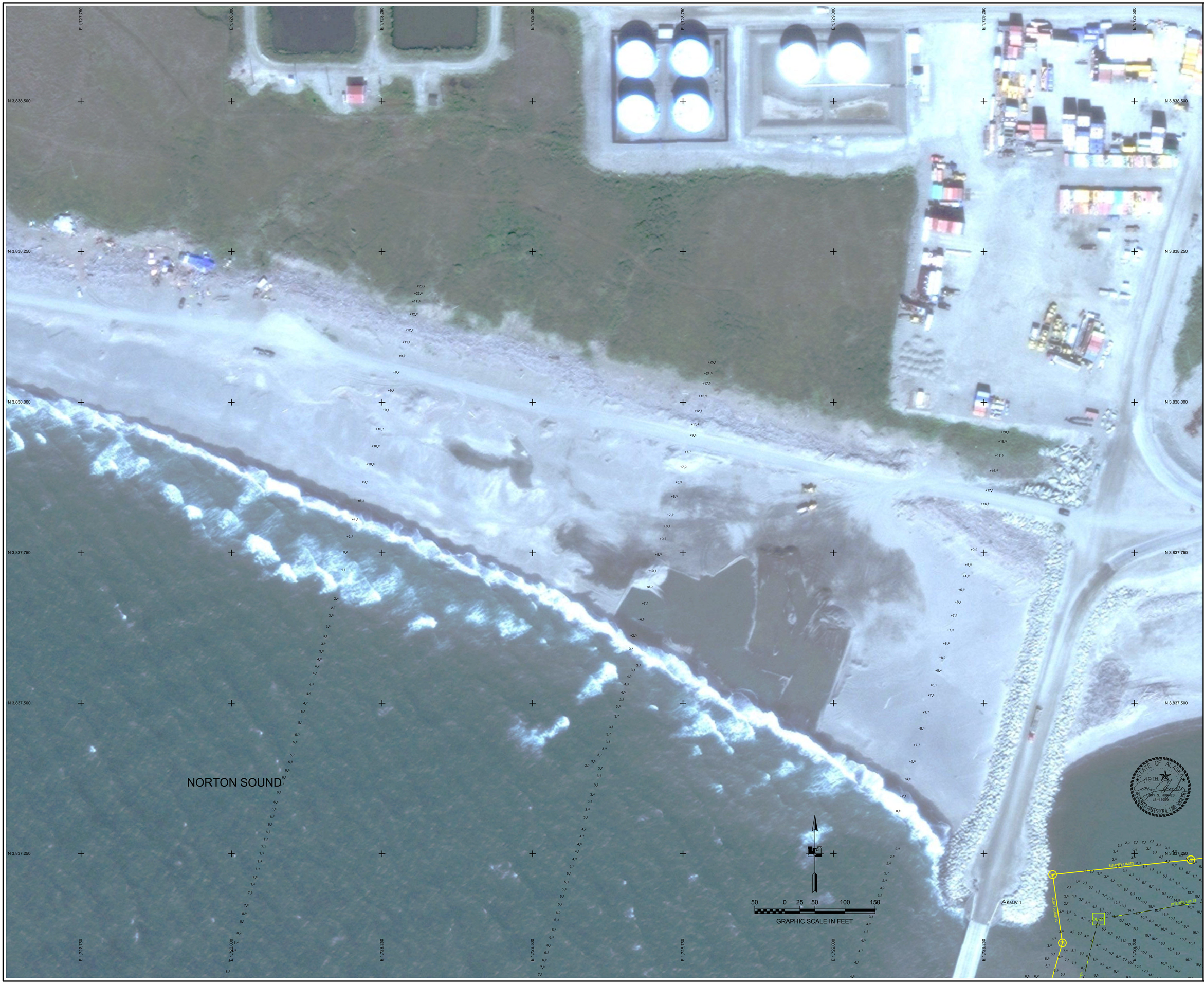
U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
APPLE CITY CIRCLE LOOP
WASILLA, AK 99654

DATE: 8 August 2014
SURVEY NO. 2014-09
CONTRACT NO.: W91X4B-13-C-0007
CHECKED BY: CSH
CHECKED BY: CSH
DRAWN BY: CSH
APPROVED BY:
PLOT DATE: 8/5/2014
CADD by UPC & UPCI #'s: 2014-09
SCALE: 1"=250'
SIZE: 24x36
FILE NAME: 2014-09MB Postdredge Panels.dwg
NOTE:

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION
V-101



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91149-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION, LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Approved:
Date:
CHIEF, CONSTRUCTION
CHIEF, DESIGN SECTION

REVISION	DATE	DESCRIPTION	BY	APPRO
REVISION	DATE	DESCRIPTION	BY	APPRO

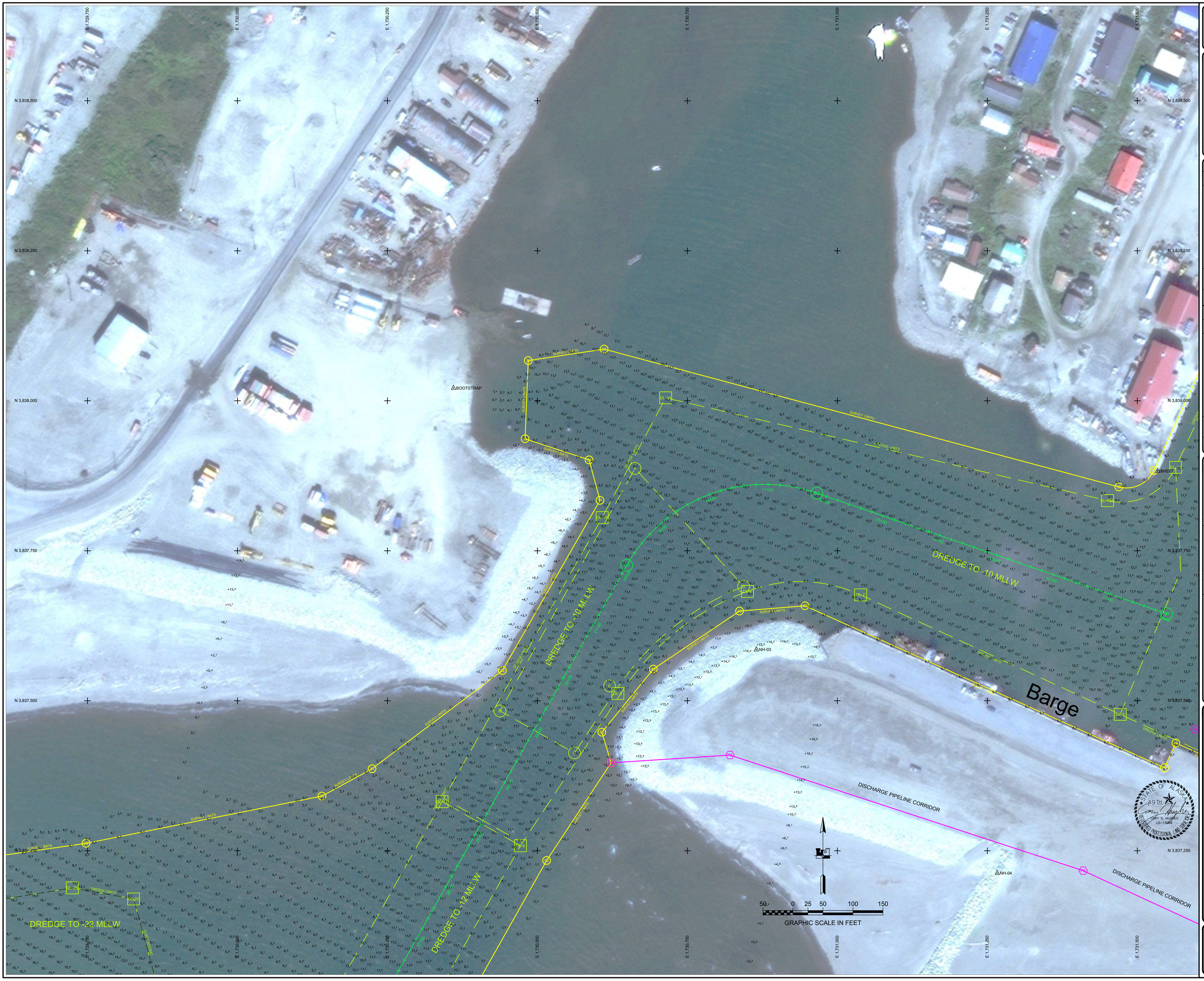
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
ATTN: CEPOA-EP-E
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

SURVEYED BY: CSR & BTH
DRAWN BY: BTH
APPROVED BY:
SCALE: 1" = 50'
SIZE: ANSI D
DATE: 8 August 2014
SURVEY NO.: 2014-4
CHECKED BY: CSR
CONTRACT NO.: W91149-13-C-0007
DWG TO UPCS & ITD PK: 2014-4
PLOT DATE: 2014-08-08
FILE NAME: 2014 NOME CONTSURVEY FINAL.DWG

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION
V-102
Sheet 2 of 48



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91189-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION, LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ****** CHIEF, CONSTRUCTION Approved: ****** CHIEF, ALASKA DIVISION Date: ------

DATE	DESCRIPTION	BY	APPD

REVISION	DATE	DESCRIPTION	BY	APPD

DATE: 8 August 2014
SURVEY NO.: 2014-07
CHECKED BY: CSH
CONTRACT NO.: W91189-13-C-0007
DRAWN BY: CSH & BTH
CONSTR. OFC & (PZ) P.N.: 0
APPROVED BY:
PLOT DATE: 8/5/2014
SCALE: 1"=40'
FILE NAME: 2014 NOME HYDROGRAPHIC FINALS.DWG
SIZE: ANSI D
PAGE 1

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

HUGHES & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION
V-103
Sheet 3 of 48

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91149-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: Date:
Approved: Date:

REVISION	DATE	DESCRIPTION	BY	APPRO

REVISION	DATE	DESCRIPTION	BY	APPRO

DATE: 6 August 2014
SURVEY NO.: 11-12-14
CONTRACT NO.: W91149-13-C-0007
PLOT DATE: 8/5/2014
CADD ID: UPC & (PZ) #'s
FILE NAME: 2014 NOME PostHydroSet PAGE 04.DWG

SUBMITTED BY: CDR S.B.ITT
DRAWN BY: CDR
CHECKED BY: CDR
APPROVED BY:
SCALE: 1"=40'
SIZE: 24 X 36
NOTE:

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

HUGHES & ASSOCIATES
20915 CLAIRE LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION
V-104

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: ---------- Approved: ----------
Date: ----------
CHIEF, SURVEY SECTION
CHIEF, CONSTRUCTION

NUMBER	DATE	DESCRIPTION	BY	APPRO

NUMBER	DATE	DESCRIPTION	BY	APPRO

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
ATTN: CEPOA-EP-C
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
2010 SCHOOL LOOP
WASILLA, AK 99654

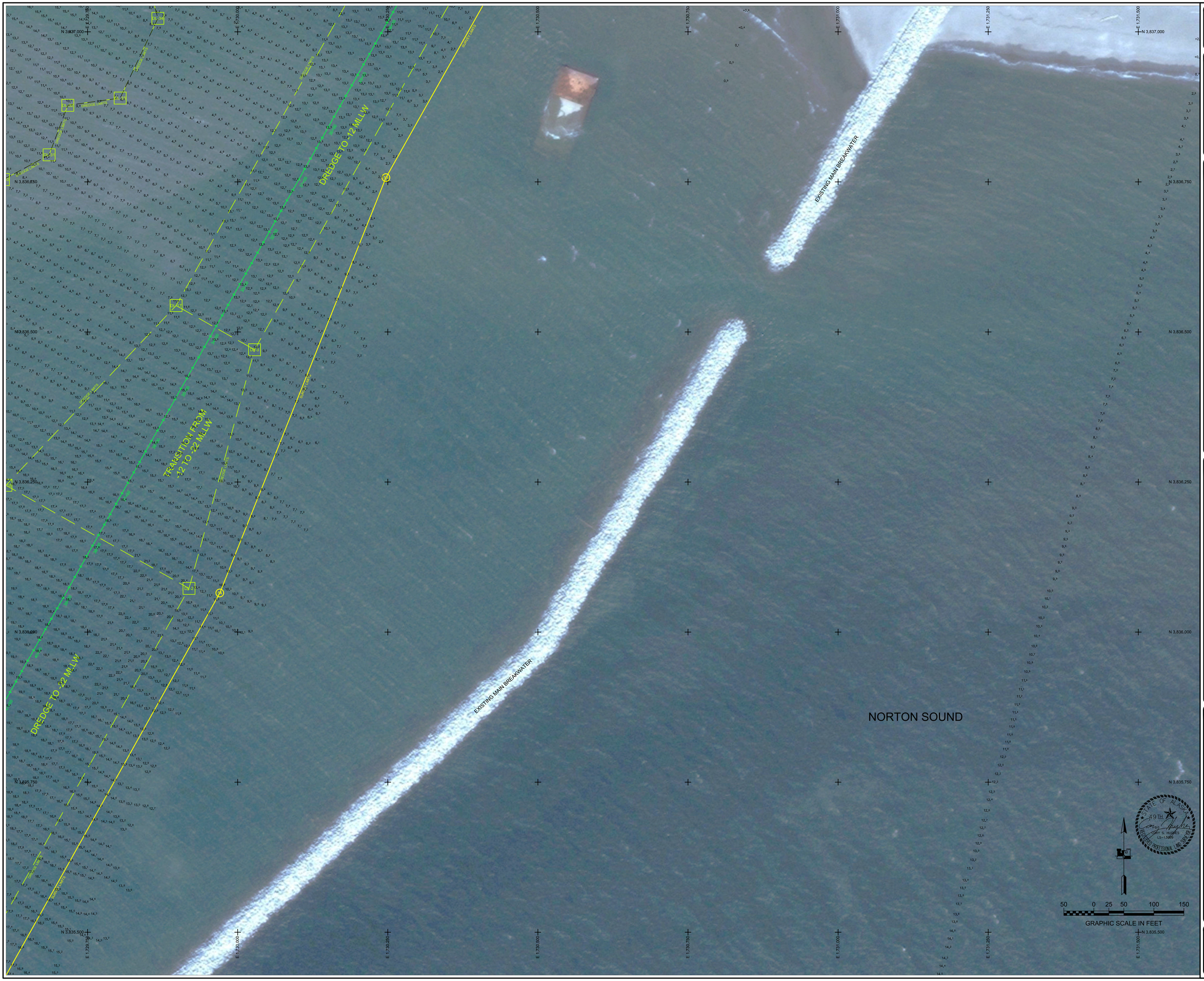
SURVEYED BY: Cash & EBH
DRAWN BY: EBH
CHECKED BY: CSH
APPROVED BY:
DATE: 8 August 2014
SURVEY NO.: 2014-4
CONTRACT NO.: W91189-13-C-0007
CVWD or UPC & (YR) P.K.: CVWD
SCALE: 1" = 50'
PLOT DATE: 8/20/2014
SIZE: 24x36
PLOT SCALE: 1:1
FILE NAME: 2014 NOME HydroPostDredge Final5.DWG

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION

V-105

Sheet 5 of 48



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91149-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION, LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ********** Approved: ********** Date: ********
********** CHIEF, SURVEY SECTION

DATE	DESCRIPTION	BY	APPD

REVISION	DATE	DESCRIPTION	BY	APPD

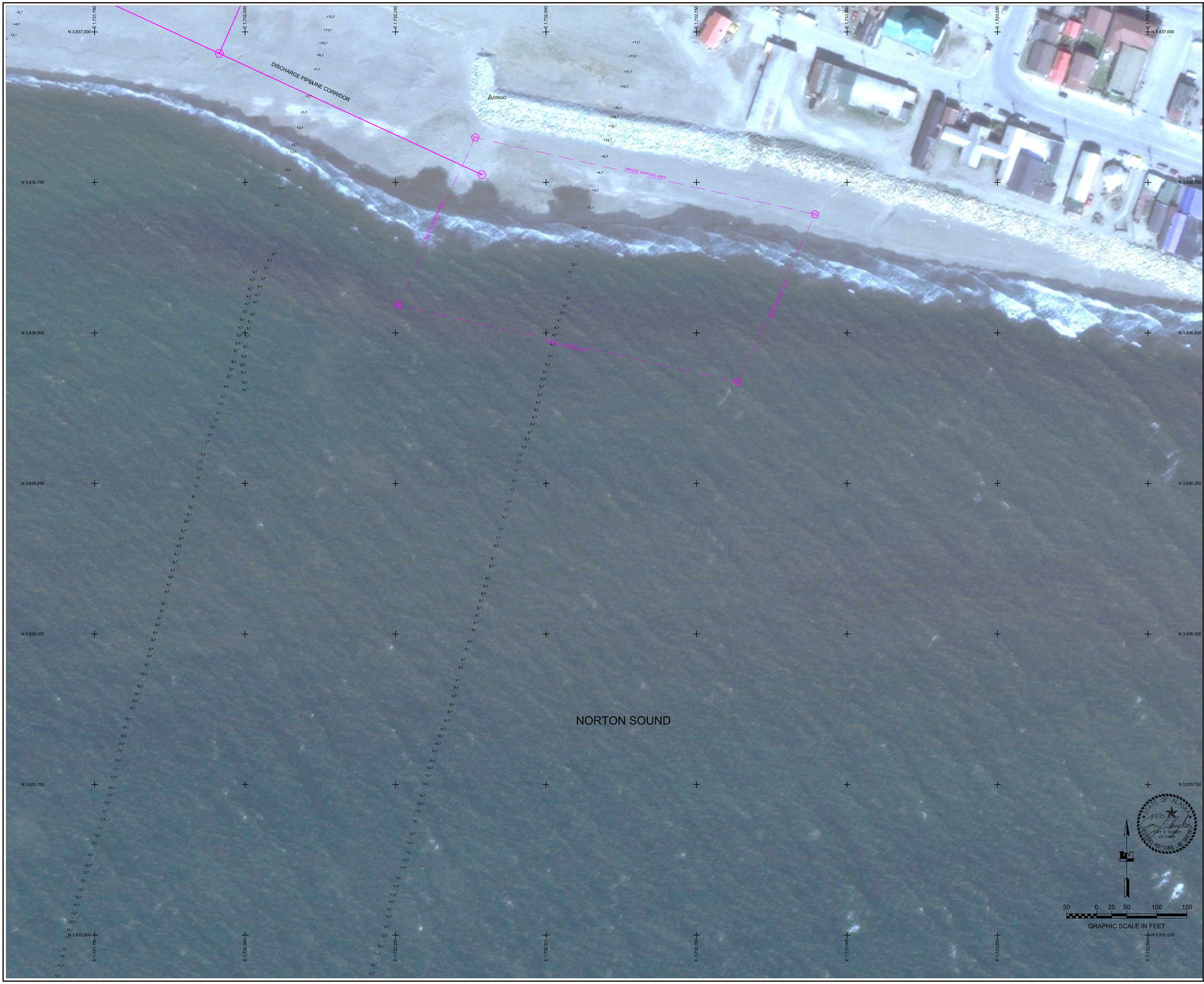
DATE: 8 August 2014
SURVEYED BY: CSH & STF
SURVEY NO.: 2014
DRAWN BY: BR
CHECKED BY: CSH
CONTRACT NO.: W91149-13-C-0007
APPROVED BY:
CONSTR. OFFICE & (PZ) #'s: N/A
SCALE: 1" = 50'
PLOT DATE: 8/20/14
SIZE: 24X36
FILE NAME: 2014 NOME POST DREDGE FINAL.DWG

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

HUGHES & ASSOCIATES
1035 S. KLEVEN COURT
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION
V-106
Sheet 6 of 48



US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W91149-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ---------- Approved: ----------
Date: ----------
CHIEF, CONSTRUCTION ---------- CHIEF, ALASKA DESIGN ----------

REVISION	DATE	DESCRIPTION	BY	APPRO

REVISION	DATE	DESCRIPTION	BY	APPRO

SURVEYED BY: Crew & ERH
DRAWN BY: ERH
APPROVED BY:
CHECKED BY: CSH
DATE: 8 August 2014
SURVEY NO.: 3014
CONTRACT NO.: W91149-13-C-0007
CONSTRUCTION: CVWD or UPC & (YZ) #'s
SCALE: 1" = 50'
PLOT DATE: 8/20/14
SIZE: ARCH D
FILE NAME: 2014 NOME HOPPER DREDGE (FINAL).DWG

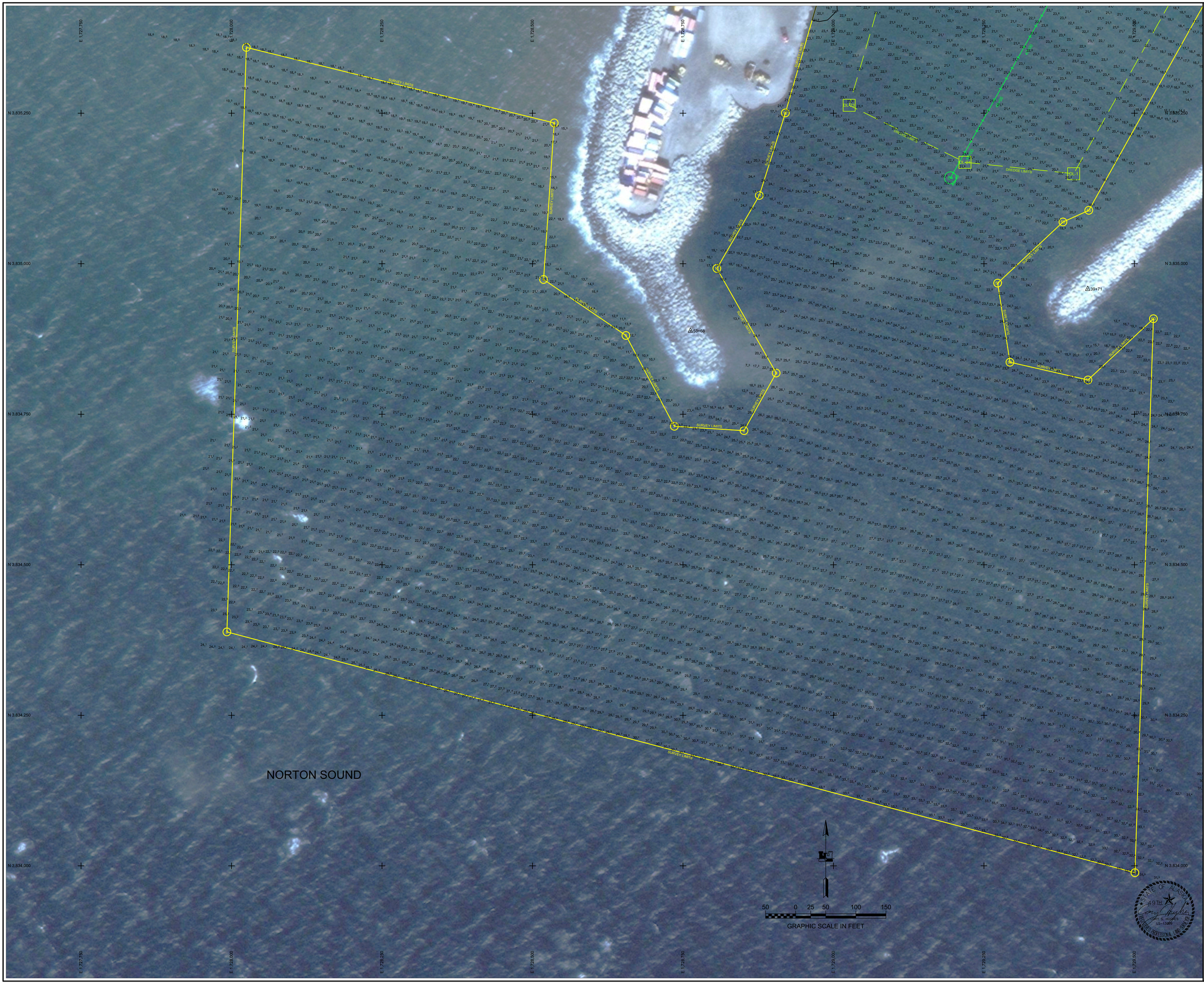
U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
P.O. BOX 6898
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
401 SCHOOL LOOP
WASILLA, AK 99654

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

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: ---------- Date: ----------
Approved: ---------- CHIEF, SURVEY SECTION

REVISION	DATE	DESCRIPTION	BY	APPVD

REVISION	DATE	DESCRIPTION	BY	APPVD

SURVEYED BY: Cash & EBY
DRAWN BY: EBY
CHECKED BY: CSH
APPROVED BY:
DATE: 8 August 2014
SURVEY NO.: 3354
CONTRACT NO.: W911KB-13-C-0007
CVNO 32 UPC & 1792 IPK
PLOT DATE: 8/20/2014
SCALE: 1" = 50'
SIZE: 24x36
PAGE: 8
FILE NAME: 2014 NOME HOPPERDREDGE FINALS.DWG

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

HUGHES & ASSOCIATES
20100 SCHUSTER LOOP
WASILLA, AK 99654

STATE OF ALASKA 49TH
CARY S. HUGHES
LS-13369
REGISTERED PROFESSIONAL LAND SURVEYOR

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION

V-108

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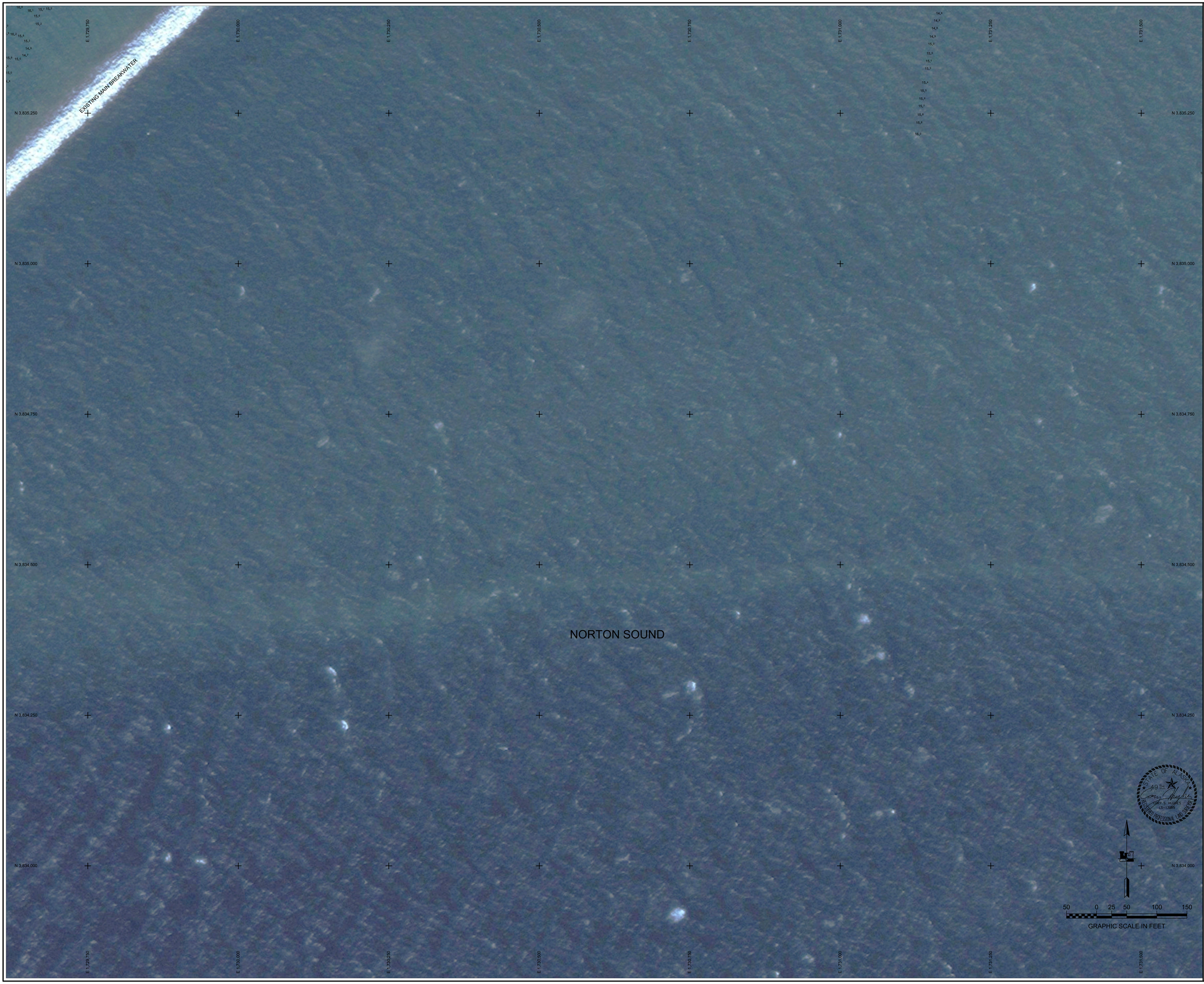

US Army Corps of Engineers
ALASKA DISTRICT

CONTRACT NO.: W911KB-13-C-0007
CONTRACTOR: ALASKA MARINE EXCAVATION LLC, LLC
CITY: ANCHOR POINT STATE: ALASKA
Recommended: ~~~~~~~~~~~~~~~~~~~~ Approved: ~~~~~~~~~~~~~~~~~~~~ Date: ~~~~~~~~
~~~~~~~~~~~~~~~~~~~~ CHIEF, CONSTRUCTION ~~~~~~~~~~~~~~~~~~~~ CHIEF, DESIGN SECTION

REVISION	DATE	DESCRIPTION	BY	APPRO

REVISION	DATE	DESCRIPTION	BY	APPRO

SURVEYED BY: CSH & BTH
DRAWN BY: BEN
CHECKED BY: CSH
APPROVED BY:
SCALE: 1" = 50'
SIZE: ANSI D
DATE: 8 August 2014
SURVEY NO.: 2014-4
CONTRACT NO.: W911KB-13-C-0007
DWG to UPC & (PZ) Pk: 2/28/14
PLOT DATE: 8/20/14
FILE NAME: 2014-NOME-HYDROGRAPHICAL-FINALS.DWG

U.S. ARMY CORPS OF ENGINEERS
ALASKA DISTRICT
ATTN: CEPOA-EP-C
JBER, ALASKA 99506-0898

HUGHES & ASSOCIATES
PROFESSIONAL LAND SURVEYORS
WASILLA, AK 99654

STATE OF ALASKA
49TH
CORY S. HUGHES
LS-13966
REGISTERED PROFESSIONAL LAND SURVEYOR

NOME HARBOR (NOME, ALASKA)
2014 MAINTENANCE DREDGING
POST DREDGE HYDROGRAPHIC SURVEY
JULY 11-12, 2014

SHEET IDENTIFICATION

V-109

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