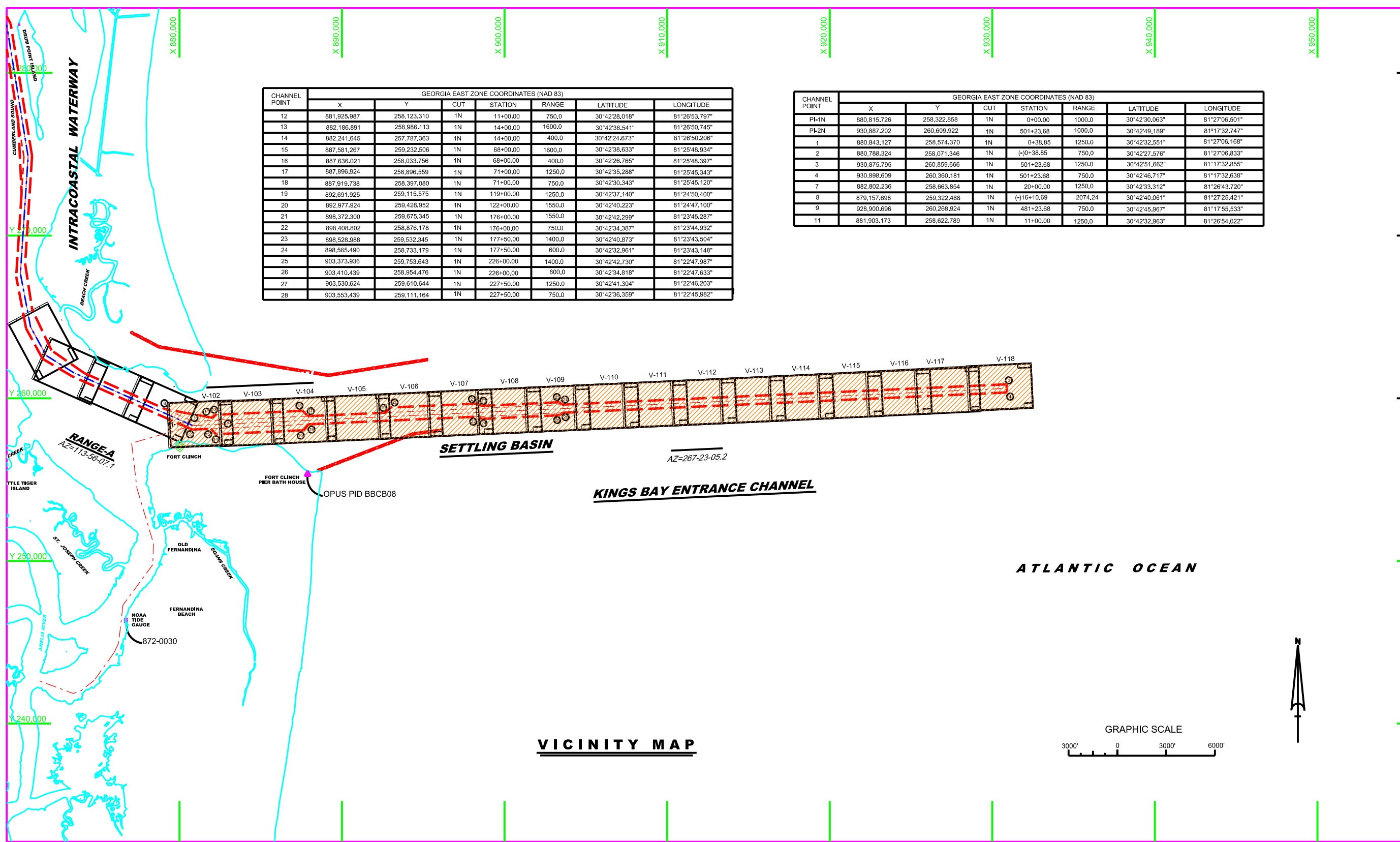
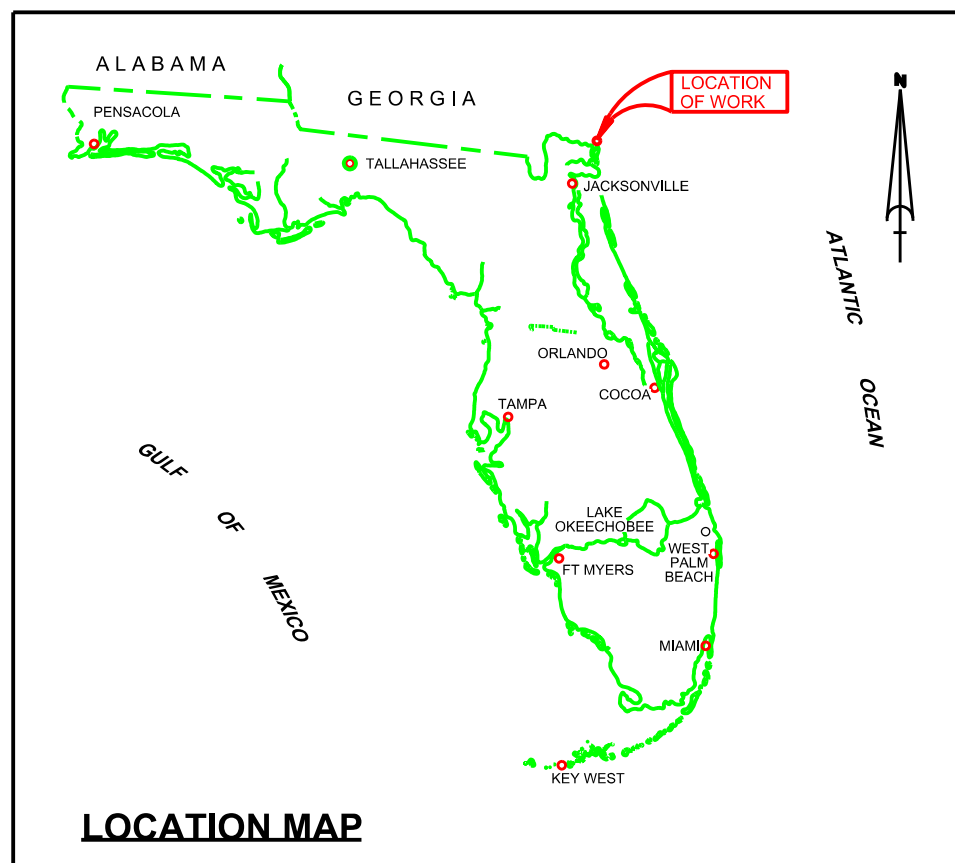


# KINGS BAY ENTRANCE CHANNEL 3RD QUARTER FY14 HYDROGRAPHIC EXAM SURVEY



CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)					
	X	Y	CUT	STATION	RANGE	LONGITUDE
12	881,925,987	258,123,310	1N	11+00.00	750.0	30°42'28.018"
13	882,186,891	258,986,113	1N	14+00.00	1600.0	30°42'36.541"
14	882,241,645	257,787,363	1N	14+00.00	400.0	30°42'24.673"
15	887,581,287	259,232,506	1N	68+00.00	1800.0	30°42'38.633"
16	887,636,021	258,033,756	1N	68+00.00	400.0	30°42'26.765"
17	887,896,324	258,896,559	1N	71+00.00	1250.0	30°42'35.288"
18	887,819,738	258,307,080	1N	71+00.00	750.0	30°42'30.343"
19	892,691,925	259,115,575	1N	119+00.00	1250.0	30°42'31.140"
20	892,977,924	259,428,952	1N	122+00.00	1550.0	30°42'40.223"
21	898,372,320	259,875,345	1N	176+00.00	1550.0	30°42'42.299"
22	898,408,802	258,876,178	1N	176+00.00	750.0	30°42'34.387"
23	898,628,888	259,532,345	1N	177+50.00	1400.0	30°42'40.873"
24	898,665,490	258,733,179	1N	177+50.00	600.0	30°42'32.961"
25	903,373,935	259,753,643	1N	226+00.00	1400.0	30°42'42.730"
26	903,410,439	258,954,476	1N	226+00.00	600.0	30°42'34.818"
27	903,530,624	259,610,644	1N	227+50.00	1250.0	30°42'41.304"
28	903,553,439	259,111,164	1N	227+50.00	750.0	30°42'36.359"

CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)					
	X	Y	CUT	STATION	RANGE	LONGITUDE
PH-1N	880,815,726	258,322,858	1N	0+00.00	1000.0	30°42'30.063"
PH-2N	930,887,202	260,609,922	1N	50+23.68	1000.0	30°42'49.189"
1	880,843,127	258,574,370	1N	0+38.85	1250.0	30°42'32.551"
2	880,788,324	258,071,346	1N	(+0)+38.85	750.0	30°42'27.570"
3	930,875,795	260,859,666	1N	50+23.68	1250.0	30°42'51.682"
4	930,888,609	260,360,181	1N	50+23.68	750.0	30°42'46.717"
7	882,802,230	258,663,854	1N	20+00.00	1250.0	30°42'33.312"
8	879,157,698	259,322,488	1N	(+16)+10.69	2074.24	30°42'40.061"
9	928,900,696	260,268,824	1N	48+23.68	750.0	30°42'45.967"
11	881,903,173	258,622,789	1N	11+00.00	1250.0	30°42'32.963"

MAP SHEET NOTES:

- REFER TO SURVEY NO. 14-135.
  - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S DATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:  
NOAA TIDAL STATION: 872-0030 FERNANDINA BEACH, AMELIA RIVER, FLORIDA FOR CUT-1N.
  - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
  - TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC (RTK) GPS USING A HYPACK KINEMATIC TIDAL DATUM (KTD) FILE. FILE NAME: KINGSBAY-2013 06 10.KTD.
  - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF GEORGIA AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
  - ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
  - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
  - THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:  
REFERENCE BASE LOCATED AT "BATH HOUSE ARP", OPUS PID: BBCB08, FOR ENTIRE PROJECT  
OPUS PID: BBCK39
  - VERTICAL MEASUREMENTS WERE MADE USING A RESON 7101 MULTIBEAM SYSTEM, AN R2SONIC MODEL 2024 MULTIBEAM SYSTEM, AND A ROSS MODEL 835C SMART SOUNDER WITH DUAL-FREQUENCY (28/200 KHZ) TRANSDUCER. SOUNDINGS SHOWN IN ARE IN HIGH FREQUENCY FROM STA. 0+00 TO STA. 189+00 AND STA. 351+00 TO STA. 501+23 AND LOW FREQUENCY FROM STA. 200+00 TO STA. 350+00.
- | SURVEY VESSEL | DATE OF SURVEY | AREA SURVEYED                    |
|---------------|----------------|----------------------------------|
| SB-36         | 5 JUN 2014     | CUT-1N, STA 0+00 TO STA 120+00   |
| SB-36         | 6 JUN 2014     | CUT-1N, STA 350+00 TO STA 501+23 |
| SB-36         | 7 JUN 2014     | CUT-1N, STA 291+00 TO STA 350+00 |
| SB-36         | 8 JUN 2014     | CUT-1N, STA 200+00 TO 290+00     |
| SB-46         | 10 JUN 2014    | CUT-1N, STA 120+00 TO 200+00     |
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
  - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF SURVEY AND IS NOT TO BE USED FOR NAVIGATION.
  - SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 1 JAN 02 AND EM 1110-2-6056, STANDARDS AND PROCEDURES FOR REFERENCING PROJECT ELEVATION GRADES TO NATIONWIDE VERTICAL DATUMS, 30 NOV 13.

LEGEND

• BM	BENCHMARK
□	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
●	RED LIGHTED BUOY
●	GREEN LIGHTED BUOY
○	CAN BUOY
○	NUN BUOY
○	TIDE STAFF



DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

14-135-C-85-BRD-03-DGN  
KINGSBAY-14P-03-DGN  
F.A.M.W.  
JUN 2014

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT  
INDEX, LOCATION & VICINITY MAP

Scale: AS SHOWN

Drawing no.

V-101

SHEET 1 OF 18



US Army Corps of Engineers  
Jacksonville District

SAFETY ON THIS JOB  
DEPENDS ON YOU

Zone	Scale
Zone 1	AS SHOWN
Zone 2	AS SHOWN
Zone 3	AS SHOWN
Zone 4	AS SHOWN
Zone 5	AS SHOWN
Zone 6	AS SHOWN
Zone 7	AS SHOWN
Zone 8	AS SHOWN
Zone 9	AS SHOWN
Zone 10	AS SHOWN
Zone 11	AS SHOWN
Zone 12	AS SHOWN
Zone 13	AS SHOWN
Zone 14	AS SHOWN
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Zone 93	AS SHOWN
Zone 94	AS SHOWN
Zone 95	AS SHOWN
Zone 96	AS SHOWN
Zone 97	AS SHOWN
Zone 98	AS SHOWN
Zone 99	AS SHOWN
Zone 100	AS SHOWN

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked by: [Name]  
Designed by: [Name]  
Drawn by: [Name]  
Field No.: [Number]  
Project No.: [Number]  
Date: JUN 2014

14-135-CBS-BRDR.DGN  
KSCHEINBAW.DGN  
14-135-CHP\_CNTRM\_HF.DGN  
RSTOPOB.DGN

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 8+00 RANGE-A THRU STA. 22+00 CUT-1N

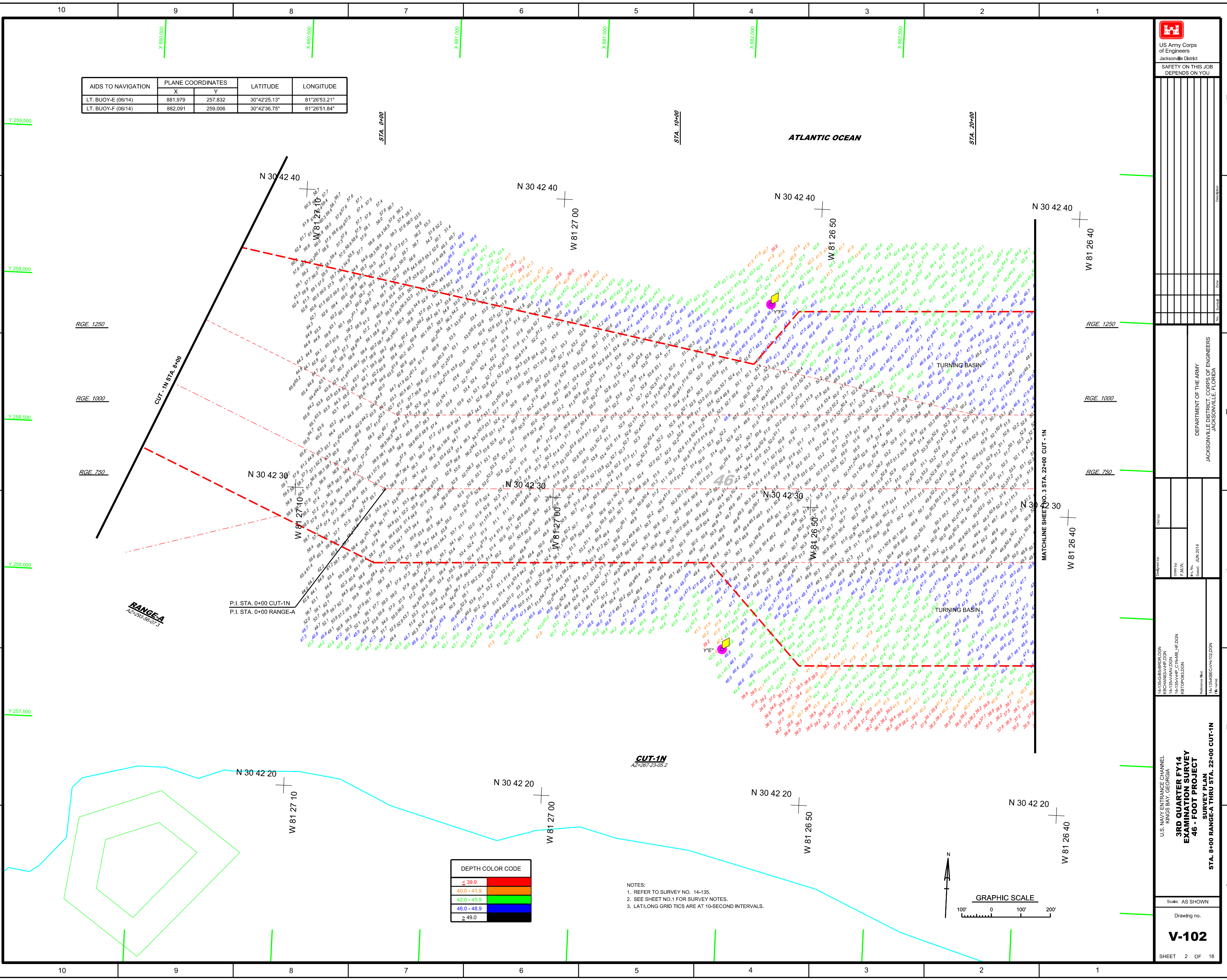
Scale: AS SHOWN

Drawing no.

**V-102**

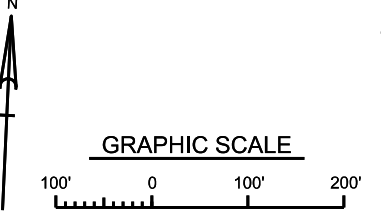
SHEET 2 OF 18

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-E (06/14)	881,979	257,832	30°42'25.13"	81°26'53.21"
LT. BUOY-F (06/14)	882,091	259,006	30°42'36.75"	81°26'51.84"



DEPTH COLOR CODE	
< 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
>= 49.0	Blue

- NOTES:  
 1. REFER TO SURVEY NO. 14-135.  
 2. SEE SHEET NO.1 FOR SURVEY NOTES.  
 3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





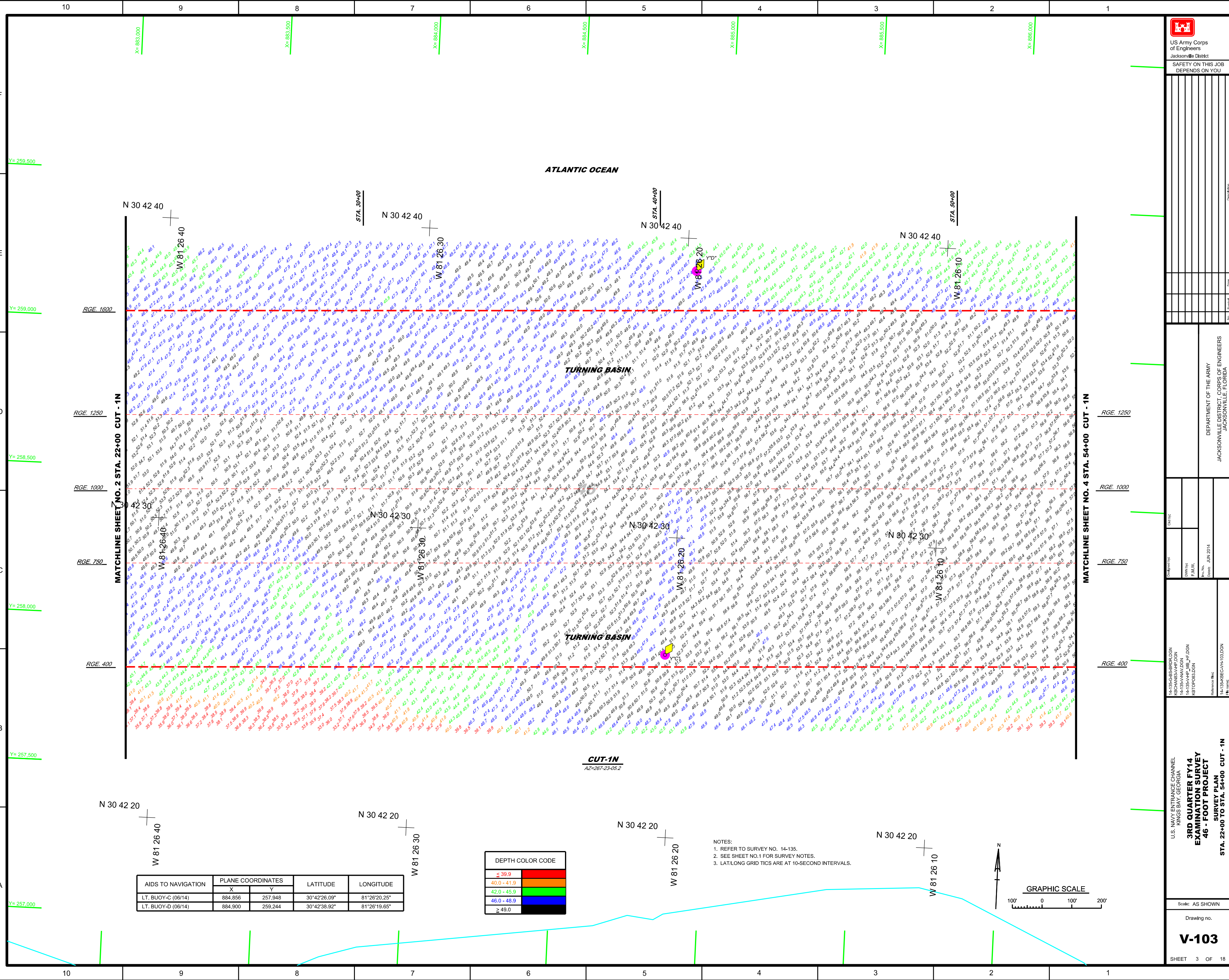
US Army Corps of Engineers  
Jacksonville District  
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DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

14-135-03-000-000  
KSC/MS/VP/DON  
14-135-03-000-000  
ASTOR/DON

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 22+00 TO STA. 54+00 CUT - 1N

Drawing no.  
**V-103**  
SHEET 3 OF 18



ATLANTIC OCEAN

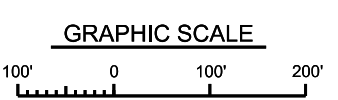
TURNING BASIN

TURNING BASIN

CUT-1N  
AZ=267-23-05.2

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-C (06/14)	884,856	257,948	30°42'26.09"	81°26'20.25"
LT. BUOY-D (06/14)	884,900	259,244	30°42'38.92"	81°26'19.65"

10 9 8 7 6 5 4 3 2 1

F  
E  
D  
C  
B  
A

Y=259,500  
Y=259,000  
Y=258,500  
Y=258,000  
Y=257,500

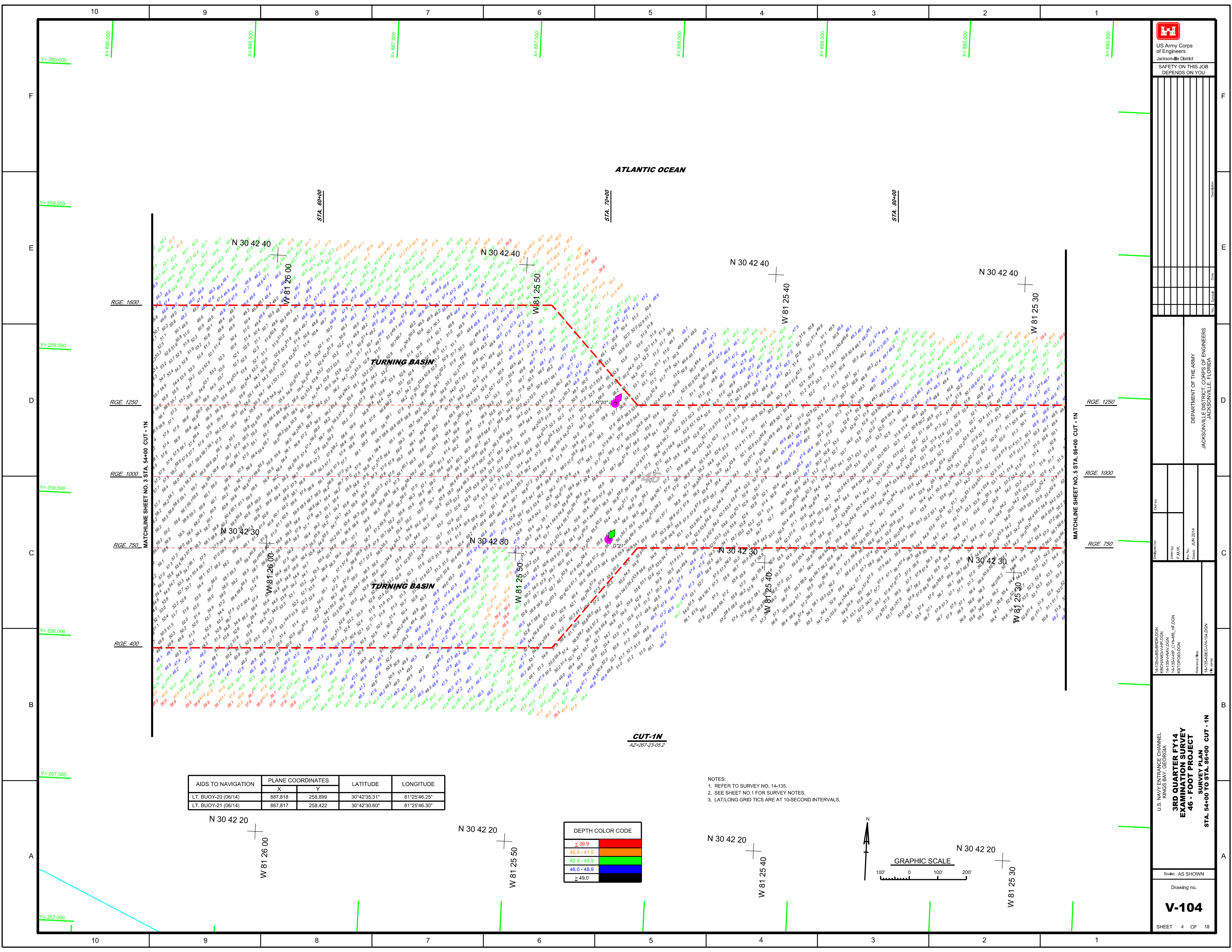
X=883,000  
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X=885,000  
X=885,500

N 30 42 40  
W 81 26 40  
W 81 26 30  
W 81 26 20  
W 81 26 10

STA. 30+00  
STA. 40+00  
STA. 50+00

RGE. 1600  
RGE. 1250  
RGE. 1000  
RGE. 750  
RGE. 400

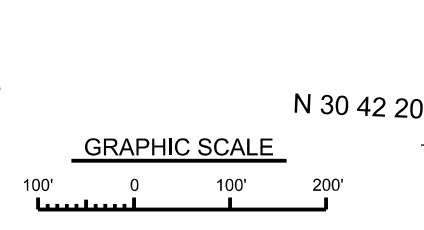
MATCHLINE SHEET NO. 2 STA. 22+00 CUT - 1N  
MATCHLINE SHEET NO. 4 STA. 54+00 CUT - 1N




AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
L.T. BUOY-20 (06/14)	887,818	258,899	30°42'35.31"	81°25'46.25"
L.T. BUOY-21 (06/14)	887,817	258,422	30°42'30.60"	81°25'46.30"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO. 1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





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14-135-08-BRDOR.DGN  
KSCHEINIS\HP.DGN  
14-135-08-CP-CLNAME\_HP.DGN  
ASTOPOB.DGN

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT  
SURVEY PLAN  
STA. 54+00 TO STA. 86+00 CUT - IN

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Scale: AS SHOWN

Drawing no.  
**V-104**

SHEET 4 OF 18

ATLANTIC OCEAN

MATCHLINE SHEET NO. 4 STA. 86+00 CUT - 1N

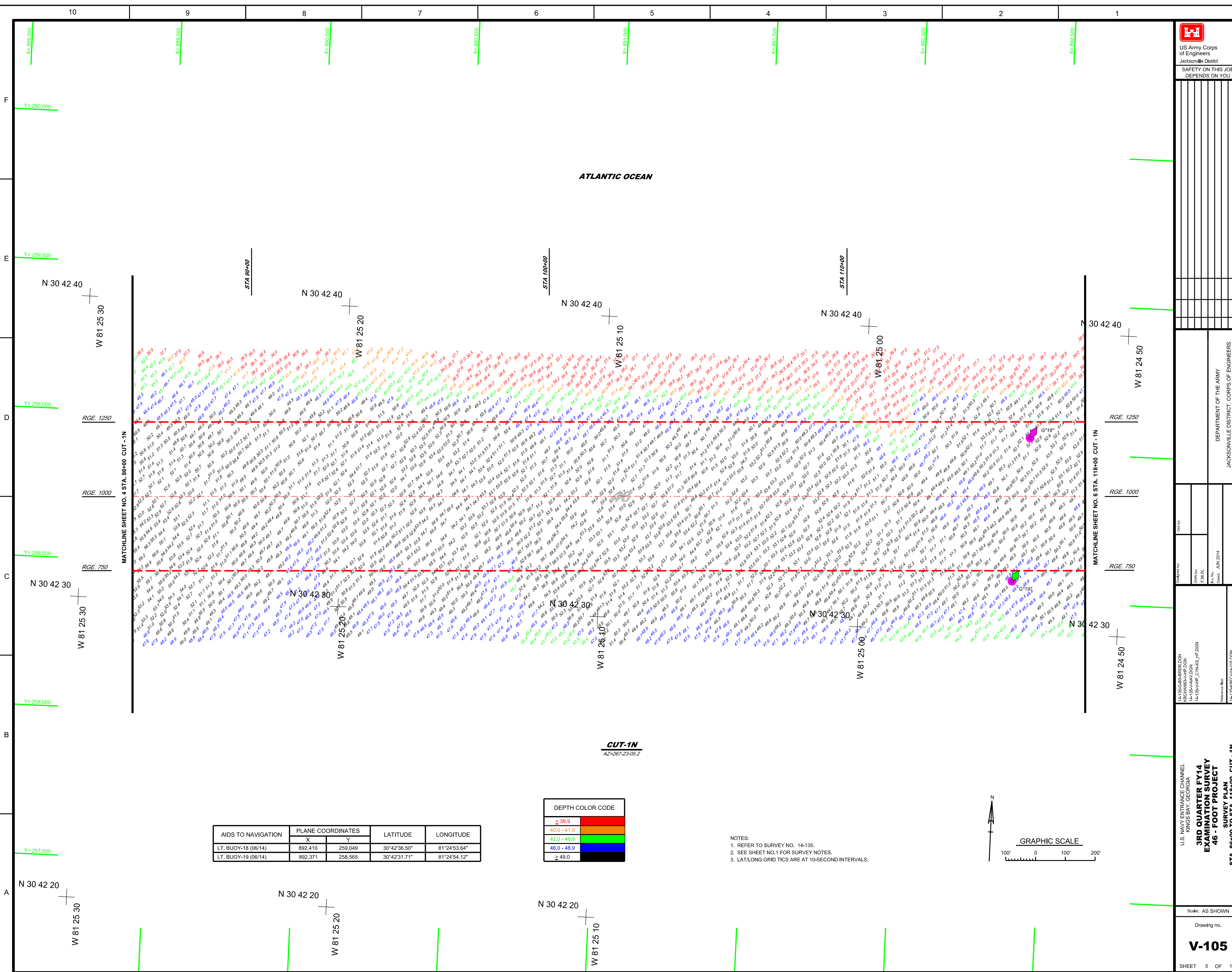
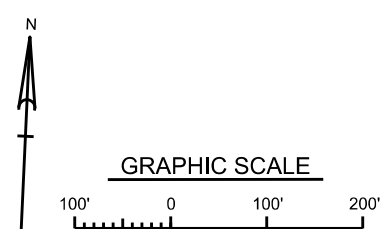
MATCHLINE SHEET NO. 6 STA. 118+00 CUT - 1N

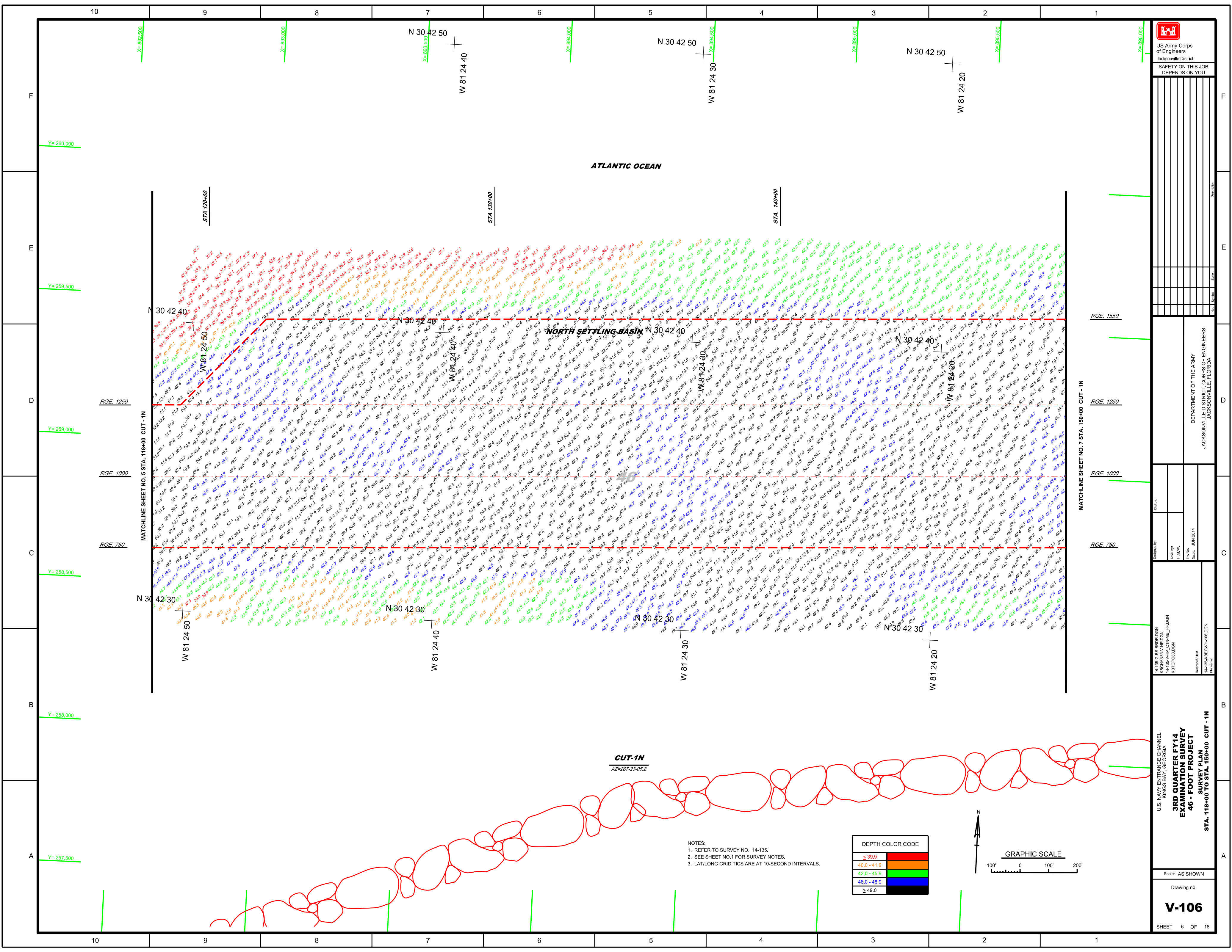
CUT-1N  
AZ=267-23-05.2

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-18 (06/14)	892,410	259,049	30°42'36.50"	81°24'53.64"
LT. BUOY-19 (06/14)	892,371	258,565	30°42'31.71"	81°24'54.12"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

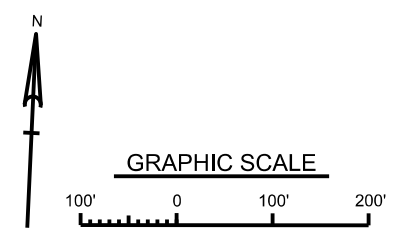
14-135-CBS-BRDORDON  
KSCHEINBAVHPORDON  
CHAMBERLAIN  
WSTPOBOLDON

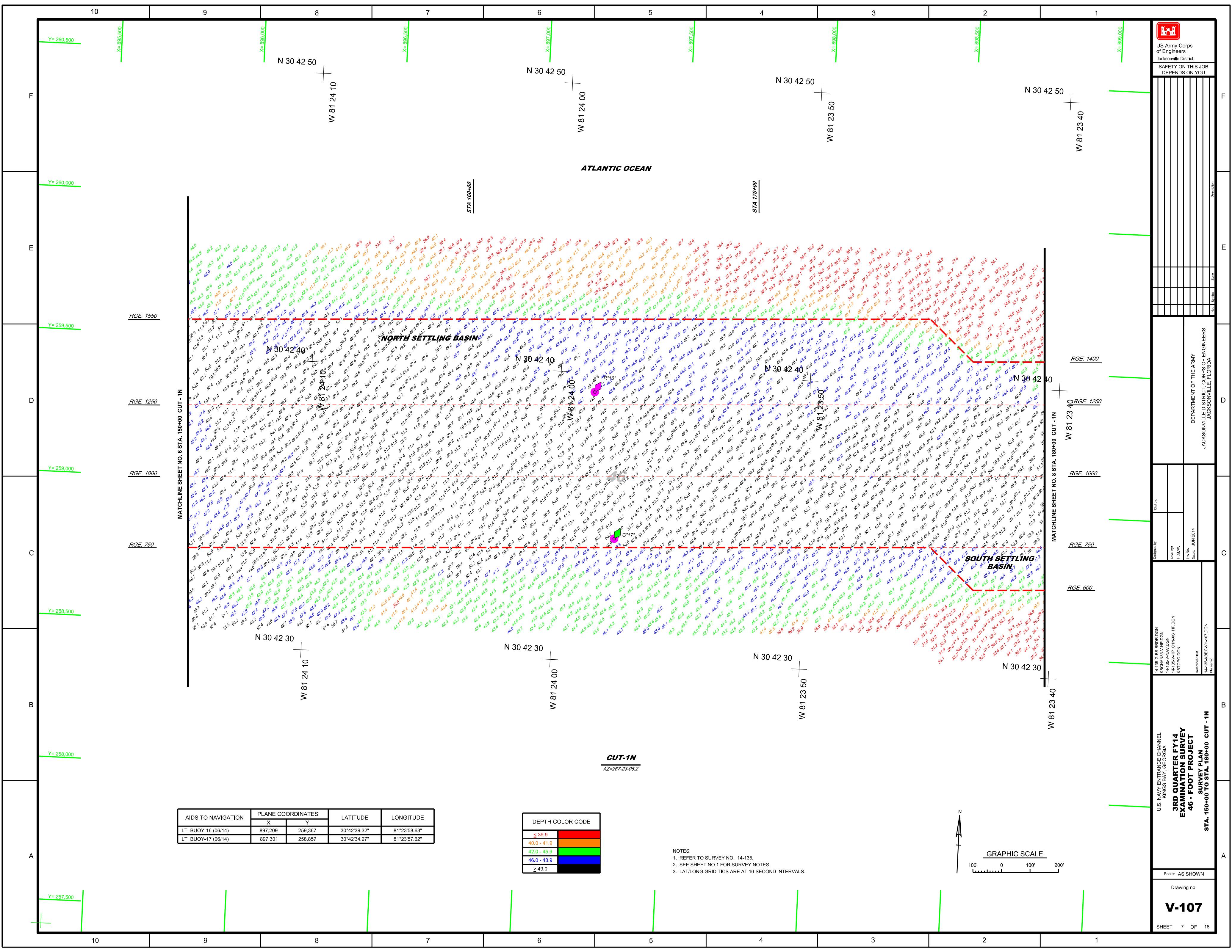
U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 118+00 TO STA. 150+00 CUT - 1N

Scale: AS SHOWN  
Drawing no.  
**V-106**  
SHEET 6 OF 18

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

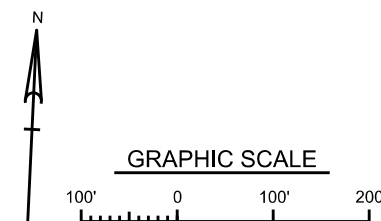




AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-16 (06/14)	897,209	259,367	30°42'39.32"	81°23'58.63"
LT. BUOY-17 (06/14)	897,301	258,857	30°42'34.27"	81°23'57.62"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO.1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



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DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

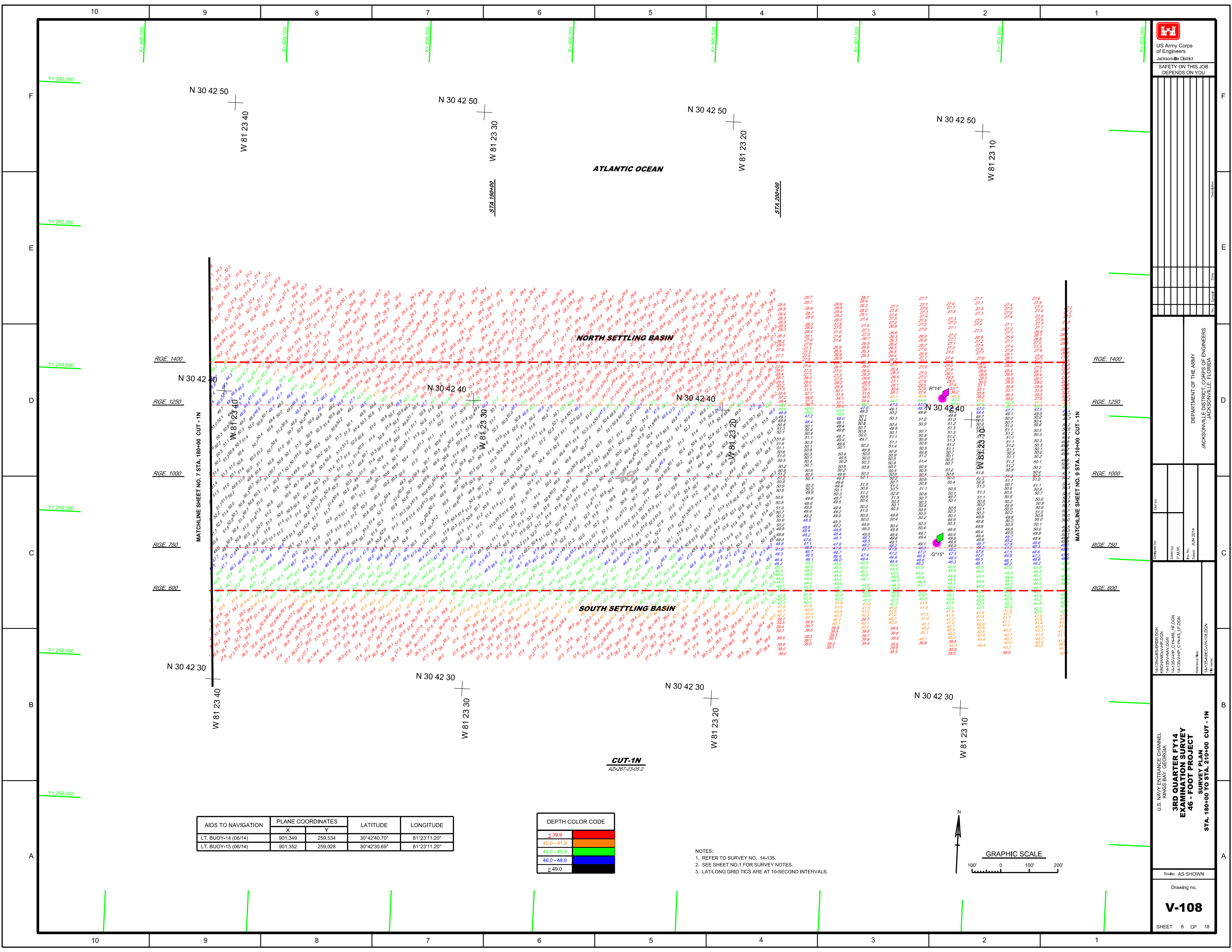
14-135-CBS-BRD/DON  
KSC/MSV/HP/DON  
14-135-APP-CD/MSV\_HF/DON  
AST/PO/DON  
Date Plotted: JUN 2014

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PLAN**  
SURVEY PLAN  
STA. 150+00 TO STA. 180+00 CUT - IN

Scale: AS SHOWN  
Drawing no.  
**V-107**  
SHEET 7 OF 18



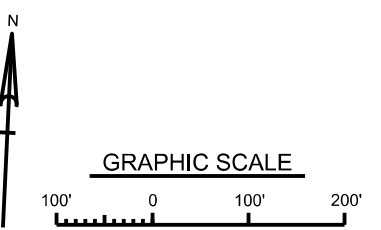
US Army Corps of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-14 (06/14)	901,349	259,534	30°42'40.70"	81°23'11.20"
LT. BUOY-15 (06/14)	901,352	259,028	30°42'35.69"	81°23'11.20"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 180+00 TO STA. 210+00 CUT - IN

Scale: AS SHOWN  
Drawing no.  
**V-108**  
SHEET 8 OF 18

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked by: [Signature]  
Drawn by: F.M.W.  
Scale: AS SHOWN  
Date: JUN 2014





US Army Corps of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

14-135-CBS-BRDR.DGN  
KSCHEINBAVHP.DGN  
14-135-APP\_CTURNS\_FL.DGN

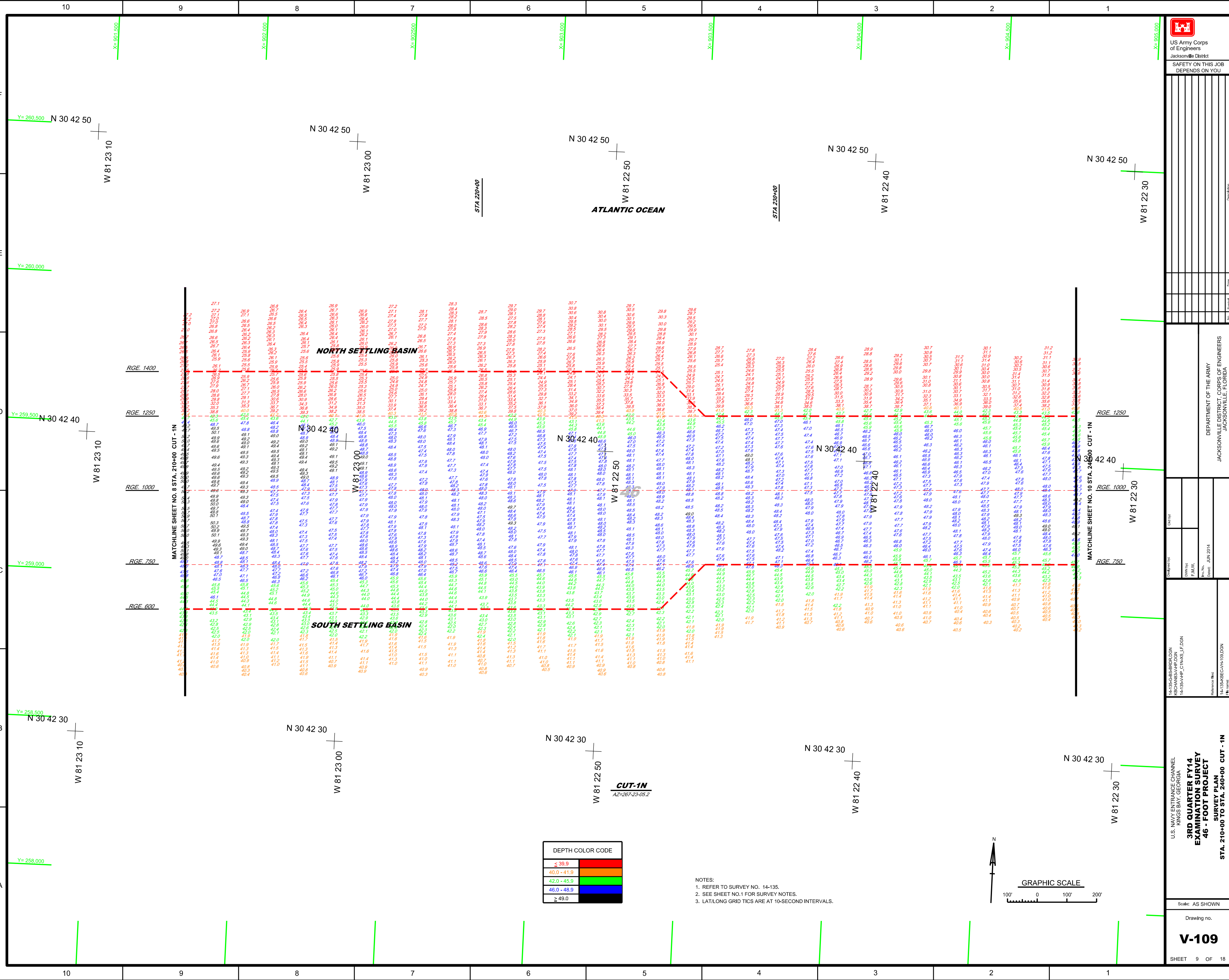
U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 210+00 TO STA. 240+00 CUT - 1N

Scale: AS SHOWN

Drawing no.

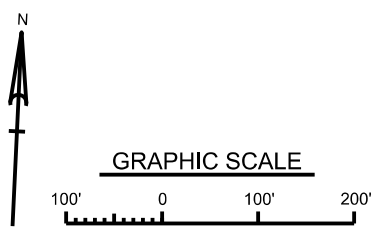
**V-109**

SHEET 9 OF 18

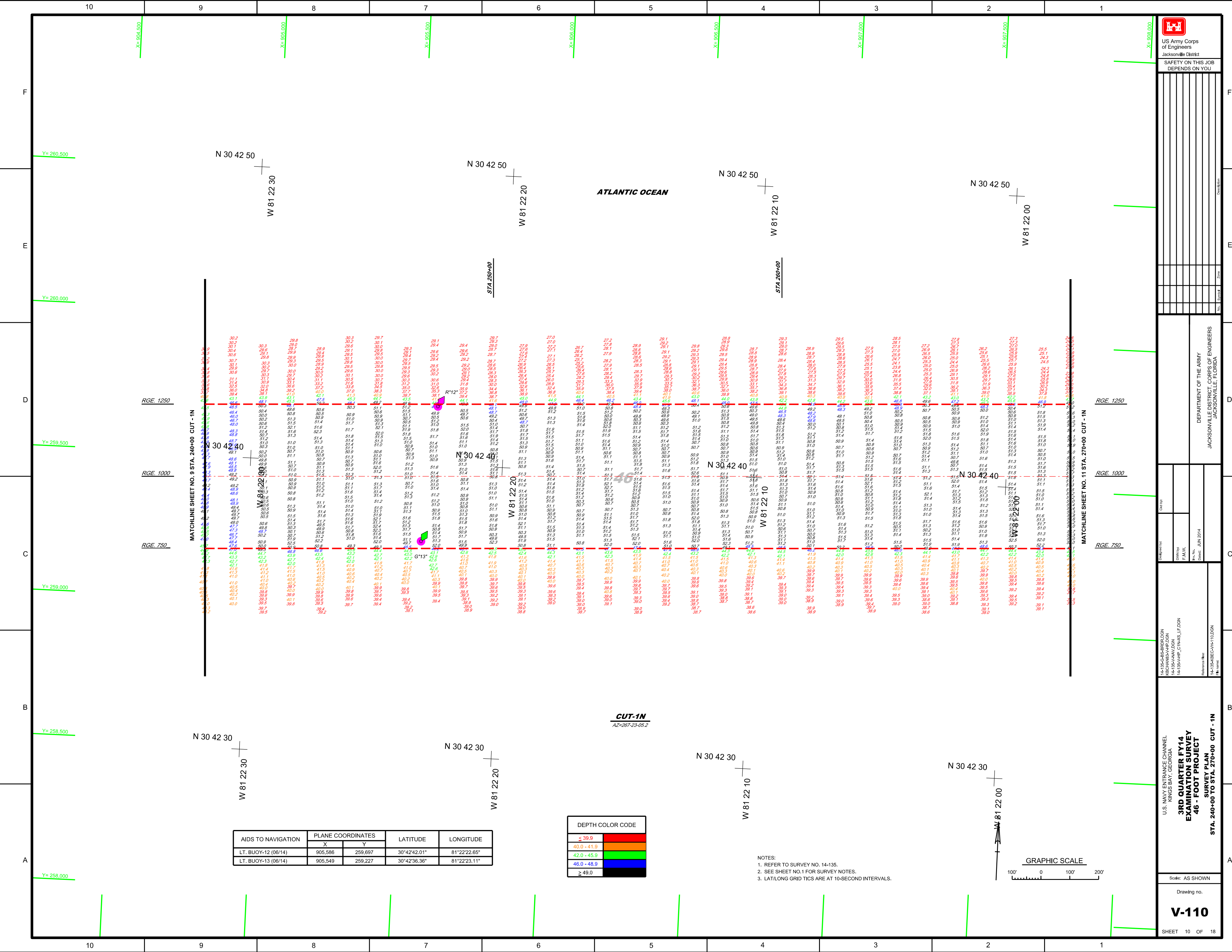


DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO.1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



ATLANTIC OCEAN



MATCHLINE SHEET NO. 9 STA. 240+00 CUT - 1N

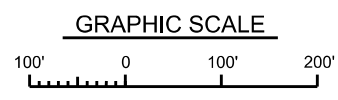
MATCHLINE SHEET NO. 11 STA. 270+00 CUT - 1N

CUT-1N  
AZ=267-23-05.2

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (06/14)	905,586	259,697	30°42'42.01"	81°22'22.65"
LT. BUOY-13 (06/14)	905,549	259,227	30°42'36.36"	81°22'23.11"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO.1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



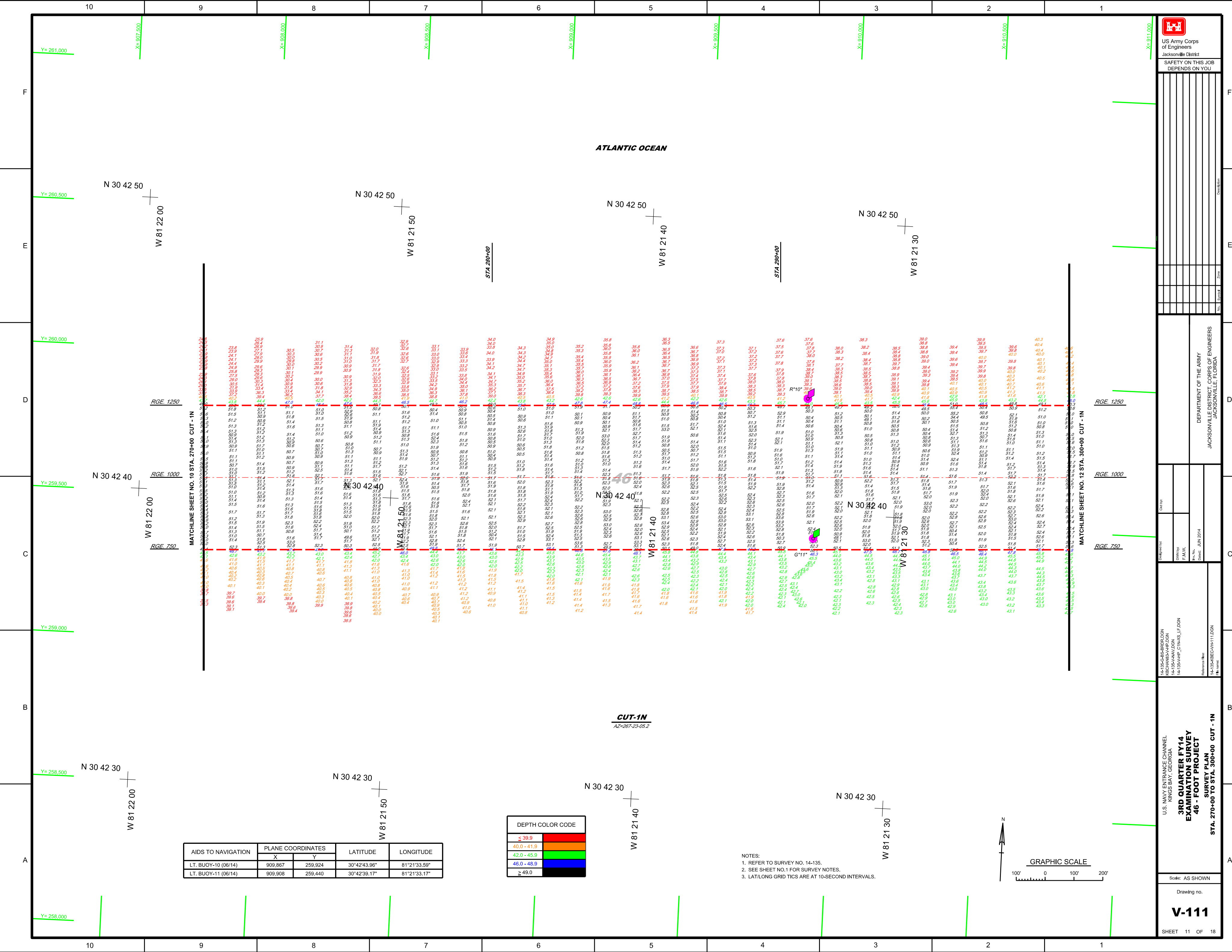
U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14 EXAMINATION SURVEY 46 - FOOT PROJECT SURVEY PLAN**  
STA. 240+00 TO STA. 270+00 CUT - 1N

Scale: AS SHOWN  
Drawing no. **V-110**

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Project: 14-135-ABEC-VH-10.DGN  
Author: F.M.W.  
Date: JUN 2014

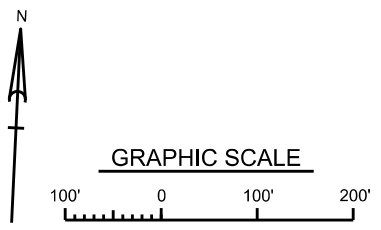
ATLANTIC OCEAN



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (06/14)	909,867	259,924	30°42'43.96"	81°21'33.59"
LT. BUOY-11 (06/14)	909,908	259,440	30°42'39.17"	81°21'33.17"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
- REFER TO SURVEY NO. 14-135.
  - SEE SHEET NO. 1 FOR SURVEY NOTES.
  - LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PLAN  
SURVEY PLAN  
STA. 270+00 TO STA. 300+00 CUT - IN

Scale: AS SHOWN

Drawing no.  
**V-111**

SHEET 11 OF 18

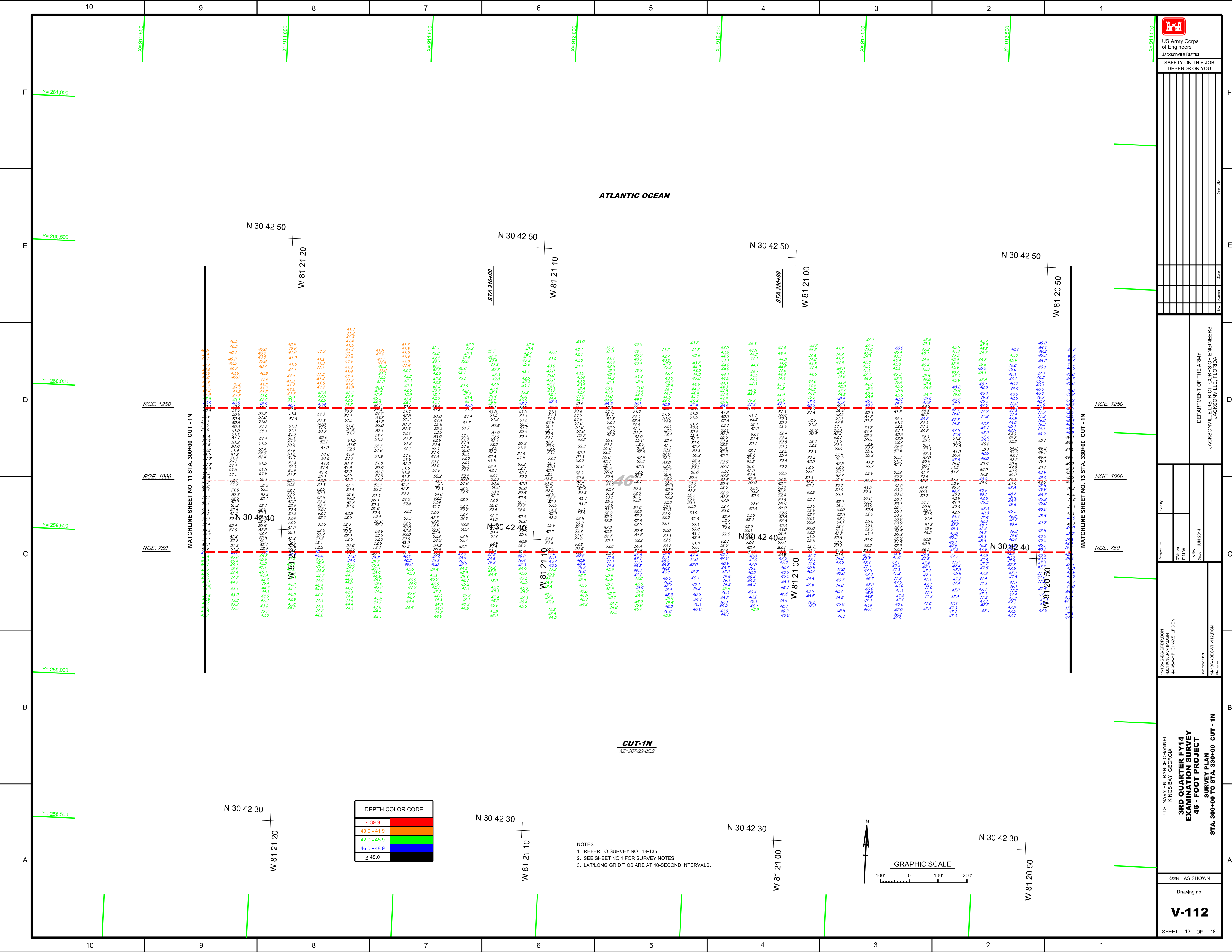
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked by: [Signature]  
Designed by: [Signature]  
Drawn by: [Signature]  
In Charge: [Signature]  
Date: JUN 2014



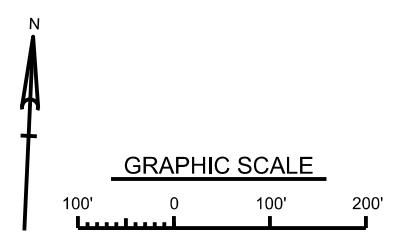
US Army Corps of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU

ATLANTIC OCEAN



DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT  
SURVEY PLAN  
STA. 300+00 TO STA. 330+00 CUT - 1N

Scale: AS SHOWN

Drawing no.  
**V-112**

SHEET 12 OF 18

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked by: [Signature]  
Designed by: [Signature]  
Drawn by: [Signature]  
In Charge: [Signature]  
Date: JUN 2014

Sheet No.	Zone	Scale

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

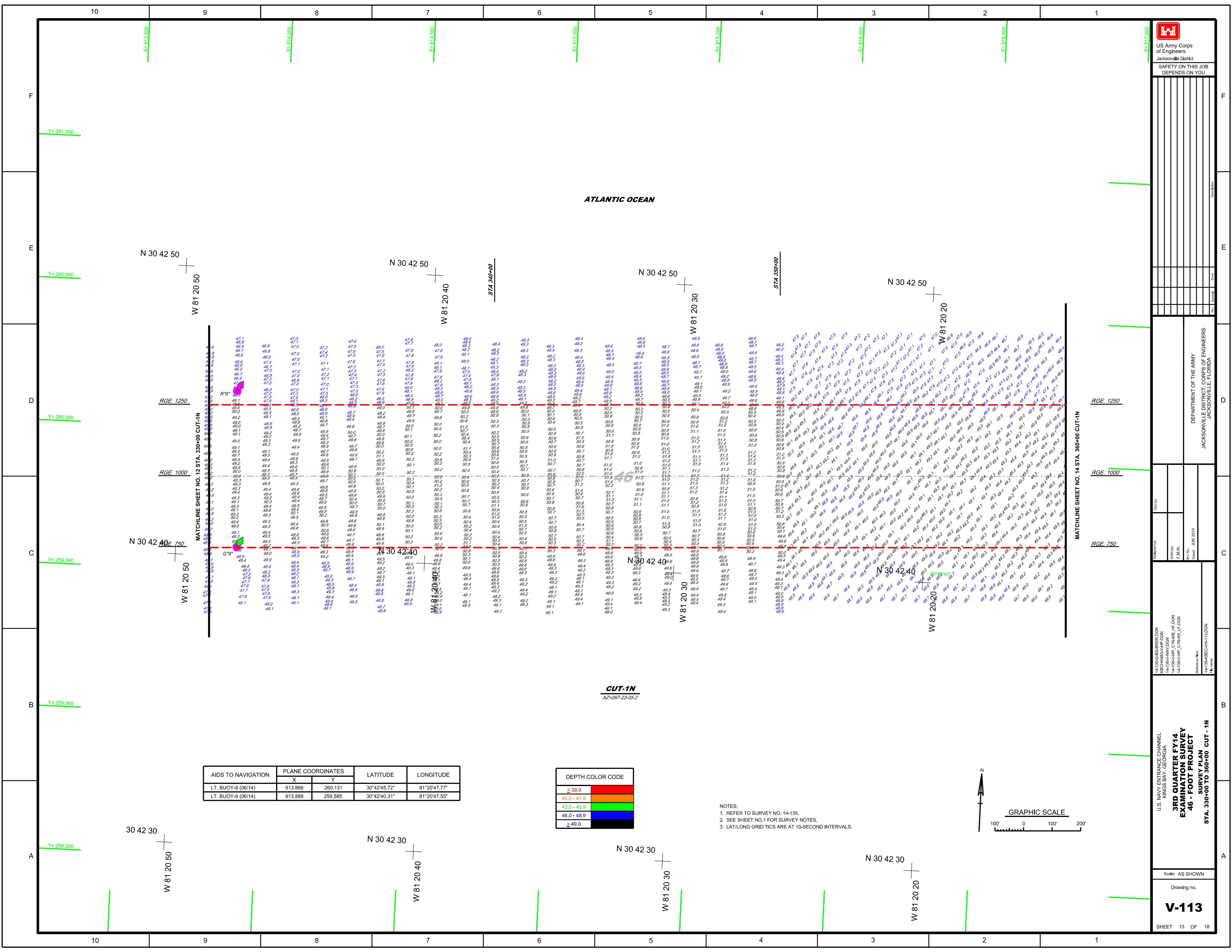
Checked by: \_\_\_\_\_  
Designed by: \_\_\_\_\_  
Drawn by: F.A.M.W.  
In Charge: JUN 2014

14-133-CBS-BRDJ.DGN  
KSCHEINIS-HP.DGN  
14-133-APP-CINMS\_HF.DGN  
14-133-APP-CINMS\_LF.DGN

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 330+00 TO 360+00 CUT - 1N

Scale: AS SHOWN  
Drawing no.

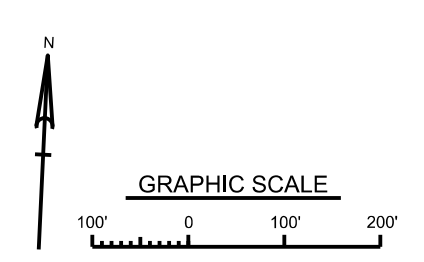
**ATLANTIC OCEAN**

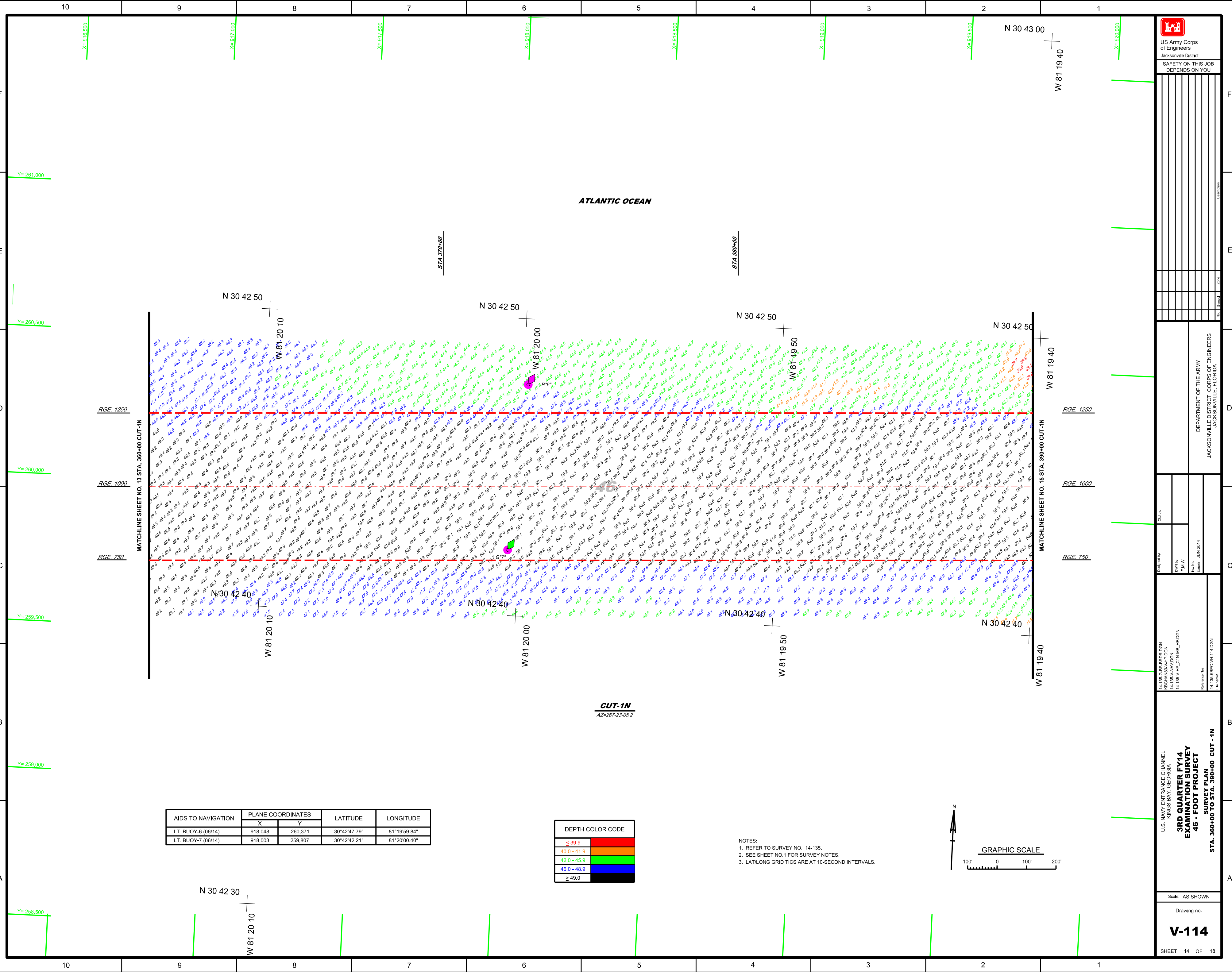


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-8 (06/14)	913,866	260,131	30°42'45.72"	81°20'47.77"
LT. BUOY-9 (06/14)	913,889	259,585	30°42'40.31"	81°20'47.55"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

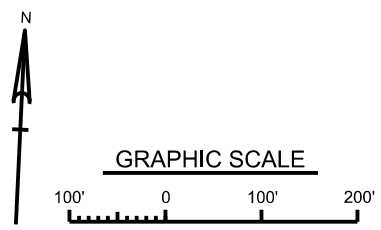




AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-6 (06/14)	918,048	260,371	30°42'47.79"	81°19'59.84"
LT. BUOY-7 (06/14)	918,003	259,807	30°42'42.21"	81°20'00.40"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

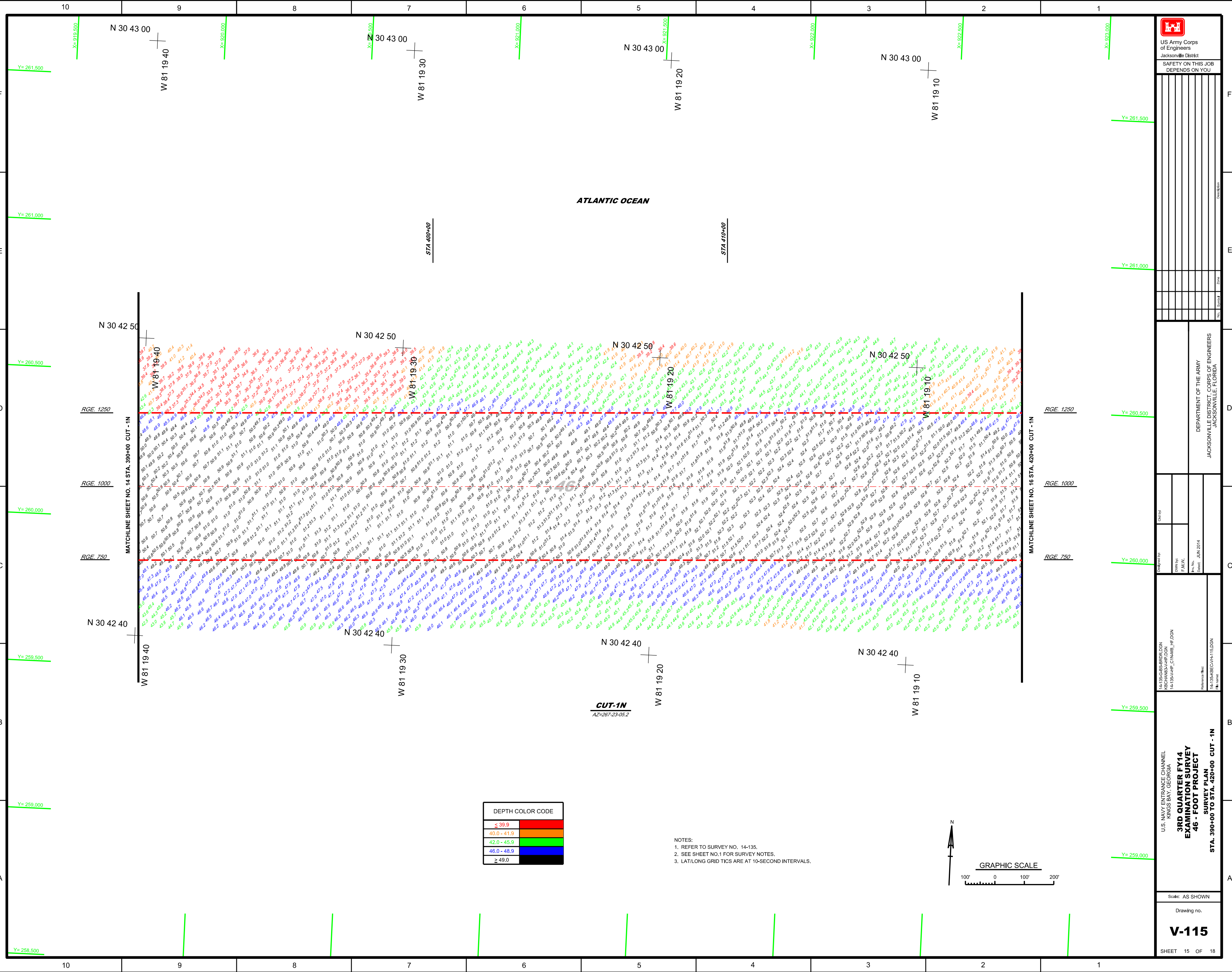
NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



MATCHLINE SHEET NO. 13 STA. 360+00 CUT-1N  
RGE. 1250  
RGE. 1000  
RGE. 750

MATCHLINE SHEET NO. 15 STA. 390+00 CUT-1N  
RGE. 1250  
RGE. 1000  
RGE. 750

**CUT-1N**  
AZ-267-23-05.2

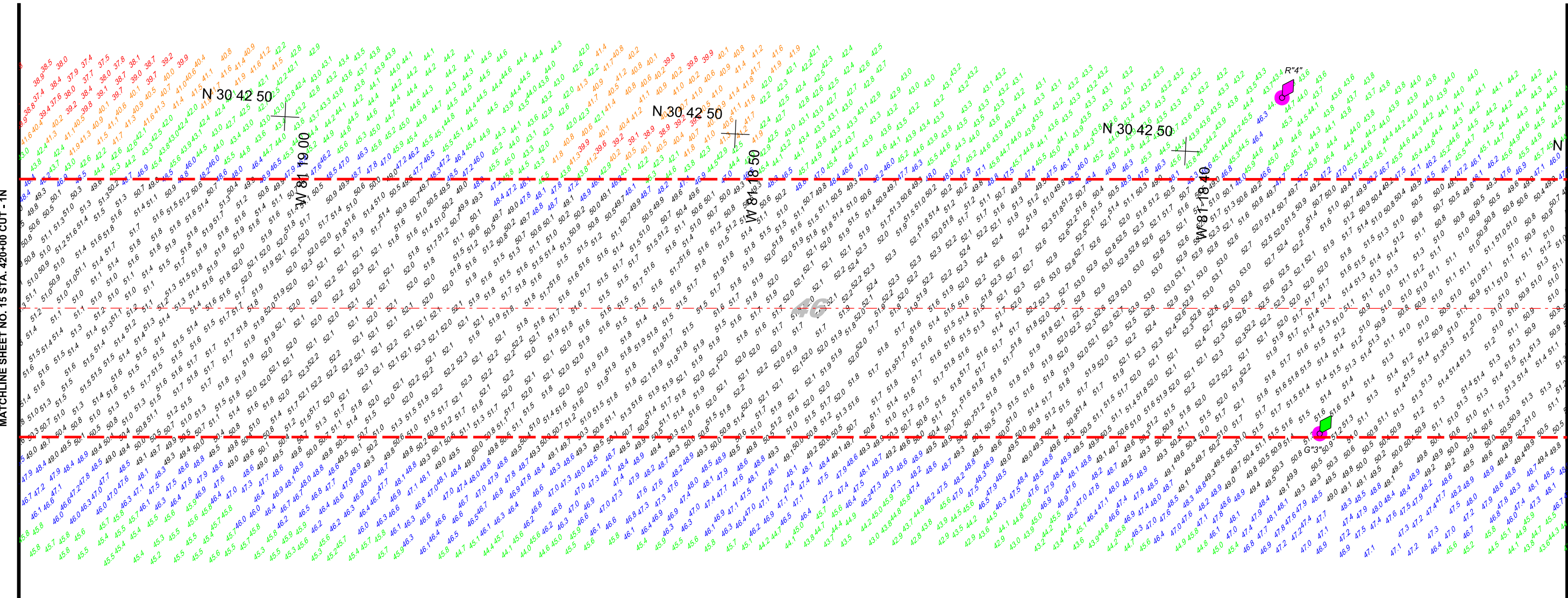


DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

ATLANTIC OCEAN

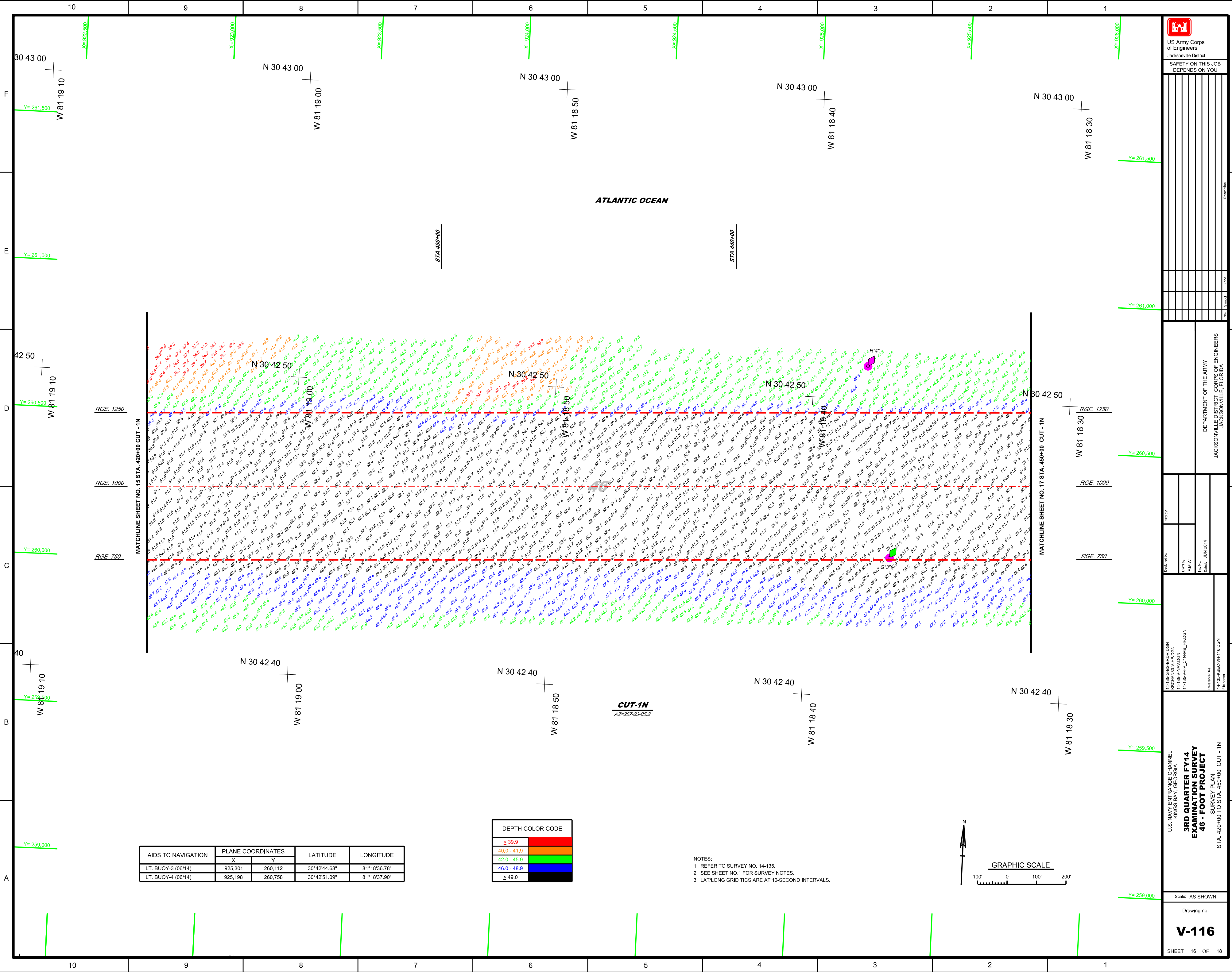
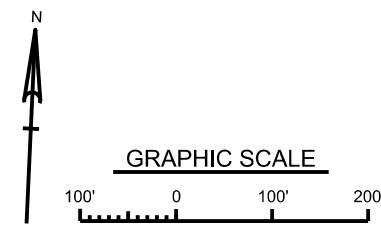
CUT-IN  
AZ-267-23-06.2



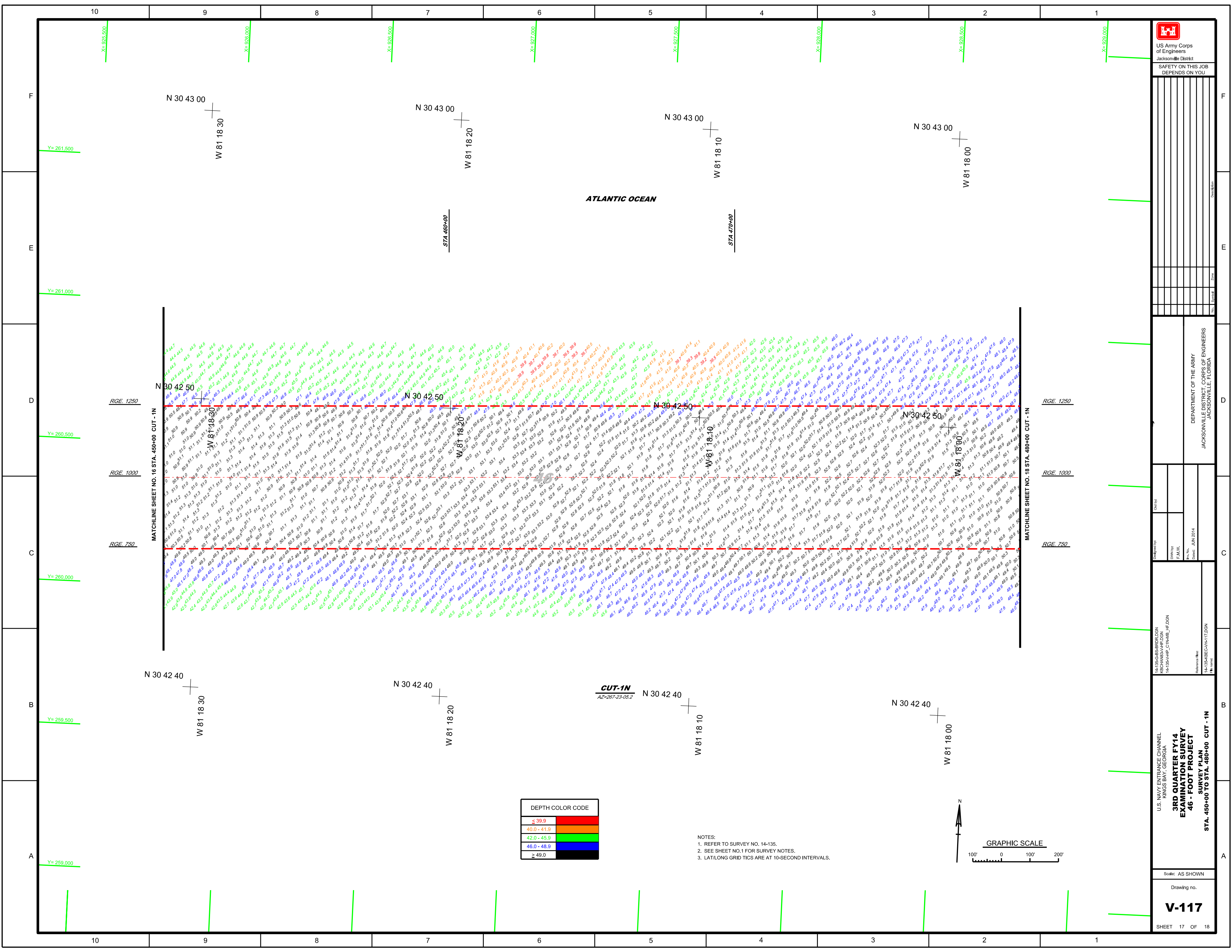
AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (06/14)	925,301	260,112	30°42'44.68"	81°18'36.78"
LT. BUOY-4 (06/14)	925,198	260,758	30°42'51.09"	81°18'37.90"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO.1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

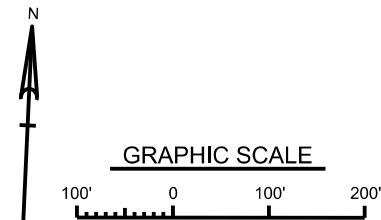







DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 49.9	Green
≥ 49.0	Blue

- NOTES:
1. REFER TO SURVEY NO. 14-135.
  2. SEE SHEET NO. 1 FOR SURVEY NOTES.
  3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.





US Army Corps of Engineers  
Jacksonville District

SAFETY ON THIS JOB  
DEPENDS ON YOU

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DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA

**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**

SURVEY PLAN  
STA. 450+00 TO STA. 480+00 CUT - IN

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Scale: AS SHOWN

Drawing no.

**V-117**

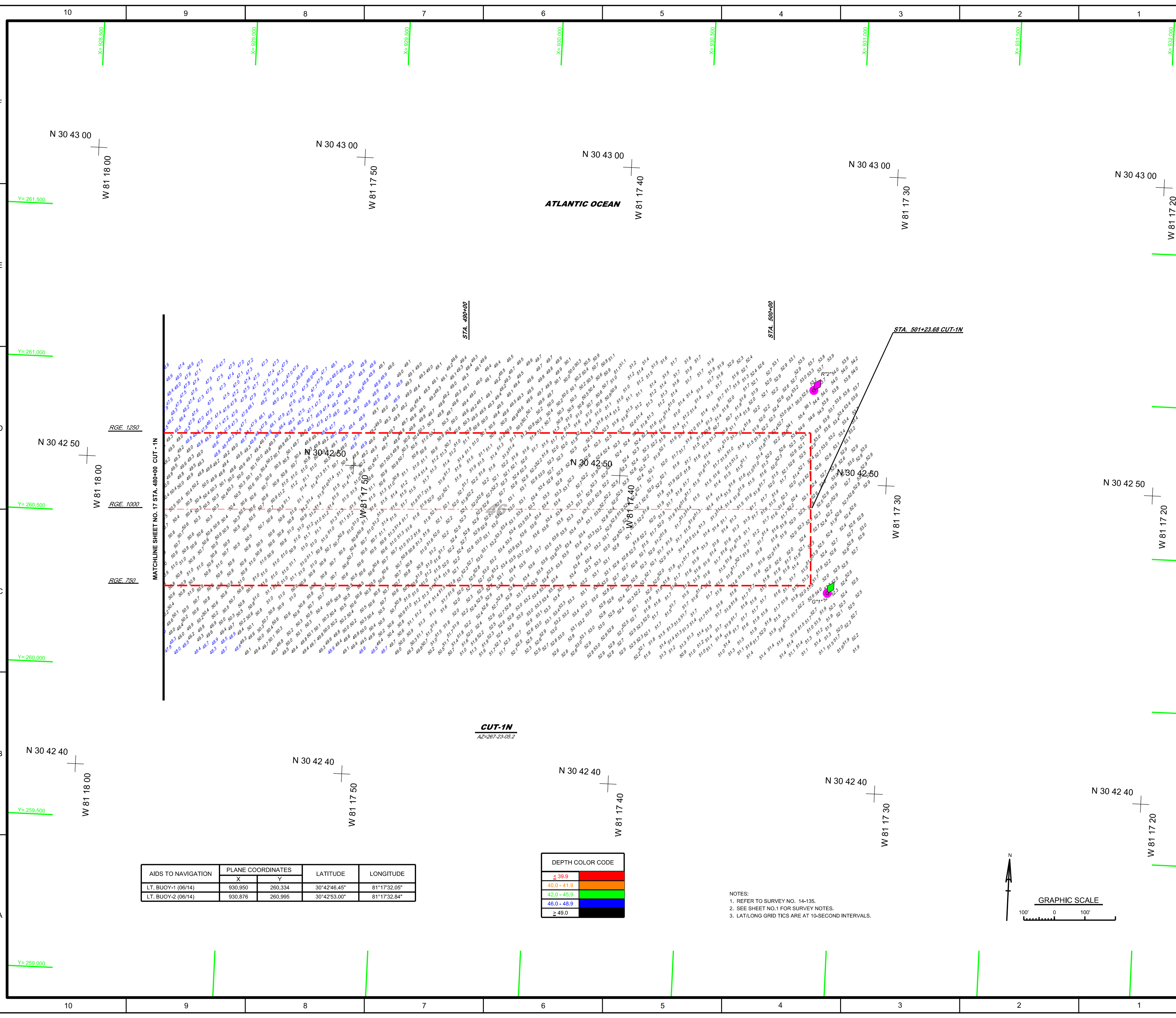
SHEET 17 OF 18

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked By:   
Designed By:   
Drawn By: F.A.M.W.   
Plot Date:   
Plot Date:   
Print Date: JUN 2014

14-135-03-B-BRD.DGN  
KSCHEINIS-VHP.DGN  
14-135-03-VP\_CNAME\_HF.DGN  
14-135-03-VP\_CNAME\_HF.DGN

U.S. NAVY ENTRANCE CHANNEL  
KINGS BAY, GEORGIA  
**3RD QUARTER FY14  
EXAMINATION SURVEY  
46 - FOOT PROJECT**  
SURVEY PLAN  
STA. 480+00 TO 501+24 CUT - 1N



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (06/14)	930,950	260,334	30°42'46.45"	81°17'32.05"
LT. BUOY-2 (06/14)	930,876	260,995	30°42'53.00"	81°17'32.84"

DEPTH COLOR CODE	
≤ 39.9	Red
40.0 - 41.9	Orange
42.0 - 45.9	Yellow
46.0 - 48.9	Green
≥ 49.0	Blue

- NOTES:  
1. REFER TO SURVEY NO. 14-135.  
2. SEE SHEET NO.1 FOR SURVEY NOTES.  
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

