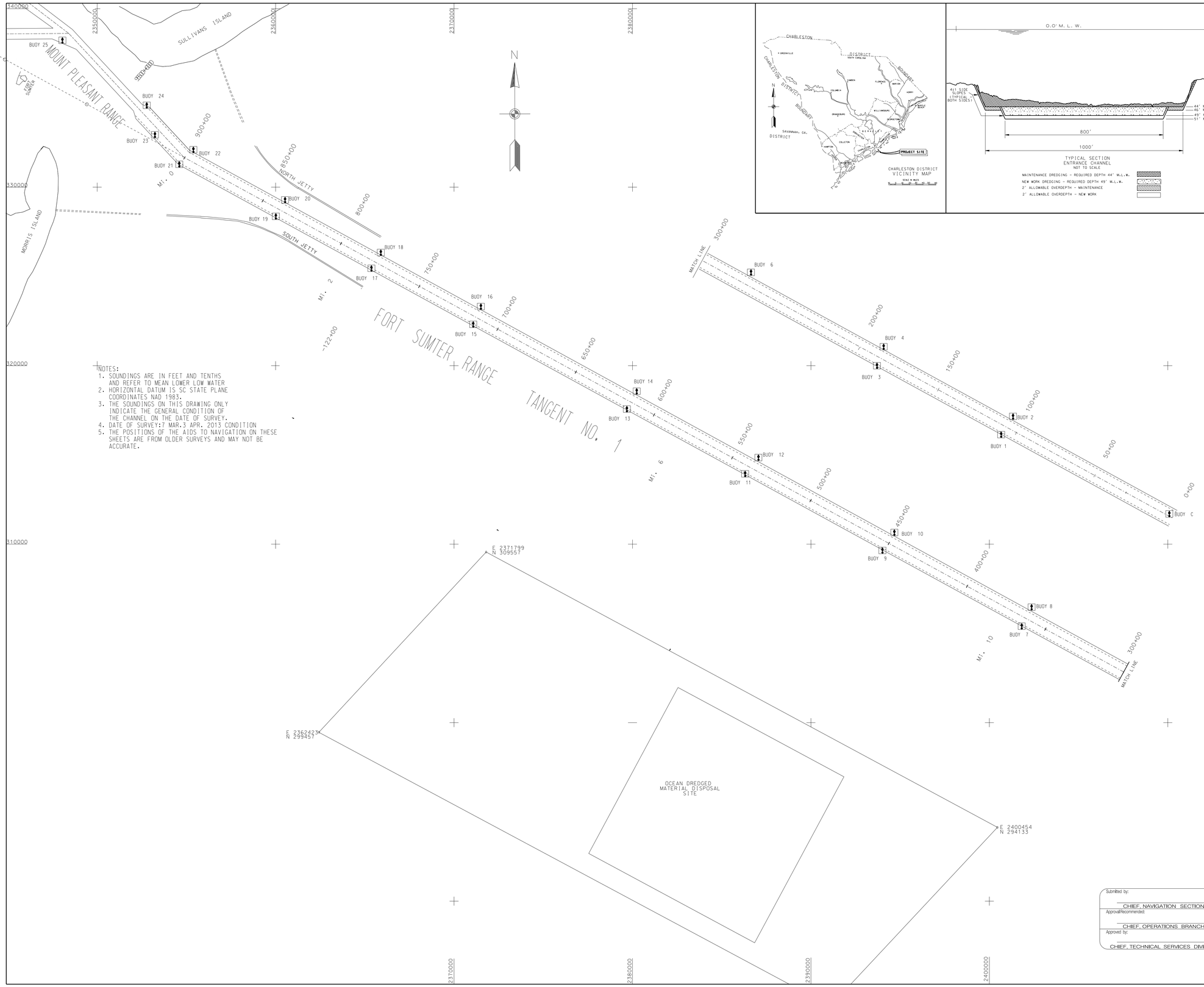


NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER
2. HORIZONTAL DATUM IS SC STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY:7 MAR.3 APR. 2013 CONDITION
5. THE POSITIONS OF THE AIDS TO NAVIGATION ON THESE SHEETS ARE FROM OLDER SURVEYS AND MAY NOT BE ACCURATE.

Submitted by:
CHIEF, NAVIGATION SECTION
Approval Recommended:
CHIEF, OPERATIONS BRANCH
Approved by:
CHIEF, TECHNICAL SERVICES DIVISION

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

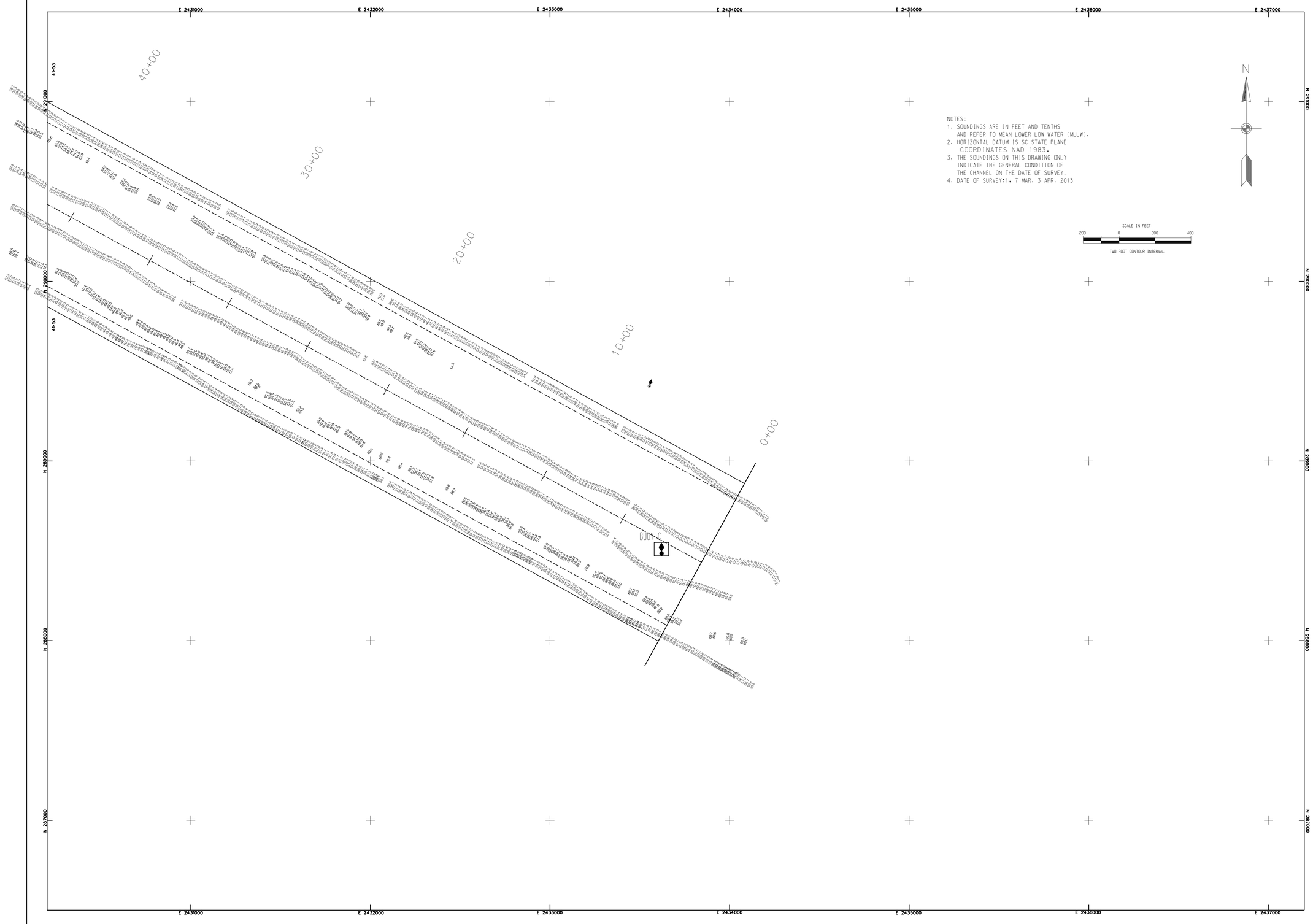
Date: APR. 2013
Rev:
Design file no. 9482
Drawing Code:
File name:
Plot date:
Dwg. scale: 1" = 2000'

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
CHARLESTON ENTRANCE CONDITION
9482
CHARLESTON & BERKELEY COUNTIES, SOUTH CAROLINA

SHEET REFERENCE NUMBER
SHEET 1 OF 15



NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).
2. HORIZONTAL DATUM IS SC STATE PLANE COORDINATES NAD 1983.
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY:1. 7 MAR. 3 APR. 2013

SCALE IN FEET
200 0 200 400
TWO FOOT CONTOUR INTERVAL

STA.-900+00.00 to STA.-858+46.96

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRO.	MARK	DESCRIPTION	DATE	APPRO.

Designed by:
Drawn by: MRV
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9482
Old by:
Drawing Code:
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Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

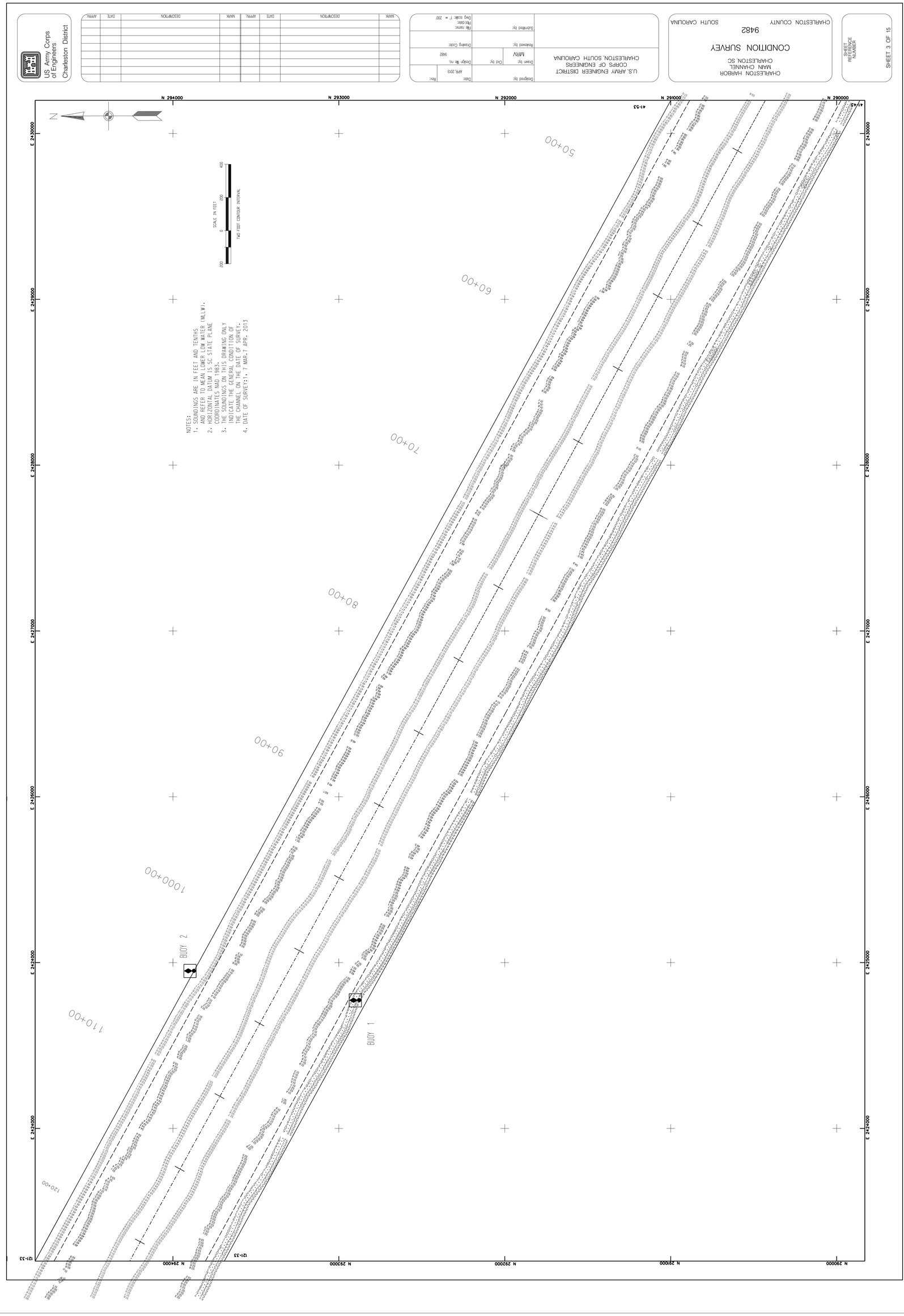
CONDITION SURVEY

9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 2 OF 15


US Army Corps of Engineers
Charleston District
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC
CONDITION SURVEY
9482
CHARLESTON COUNTY
SOUTH CAROLINA
SHEET 3 OF 15
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).
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3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY: 1, 7 MAR, 7 APR, 2013
SCALE IN FEET
TWO FOOT CONTOUR INTERVAL
BUOY 1
BUOY 2
50+00
60+00
70+00
80+00
90+00
1000+00
110+00
120+00
N 294000
N 293000
N 292000
N 291000
N 290000
E 2430000
E 2429000
E 2428000
E 2427000
E 2426000
E 2425000
E 2424000

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:	Date: APR. 2013	Rev:	
Drawn by: MRV	Old by:	Design file no. 9482	
Reviewed by:		Drawing Code:	
Submitted by:		File name: Plot date: Dwg scale: 1" = 200'	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

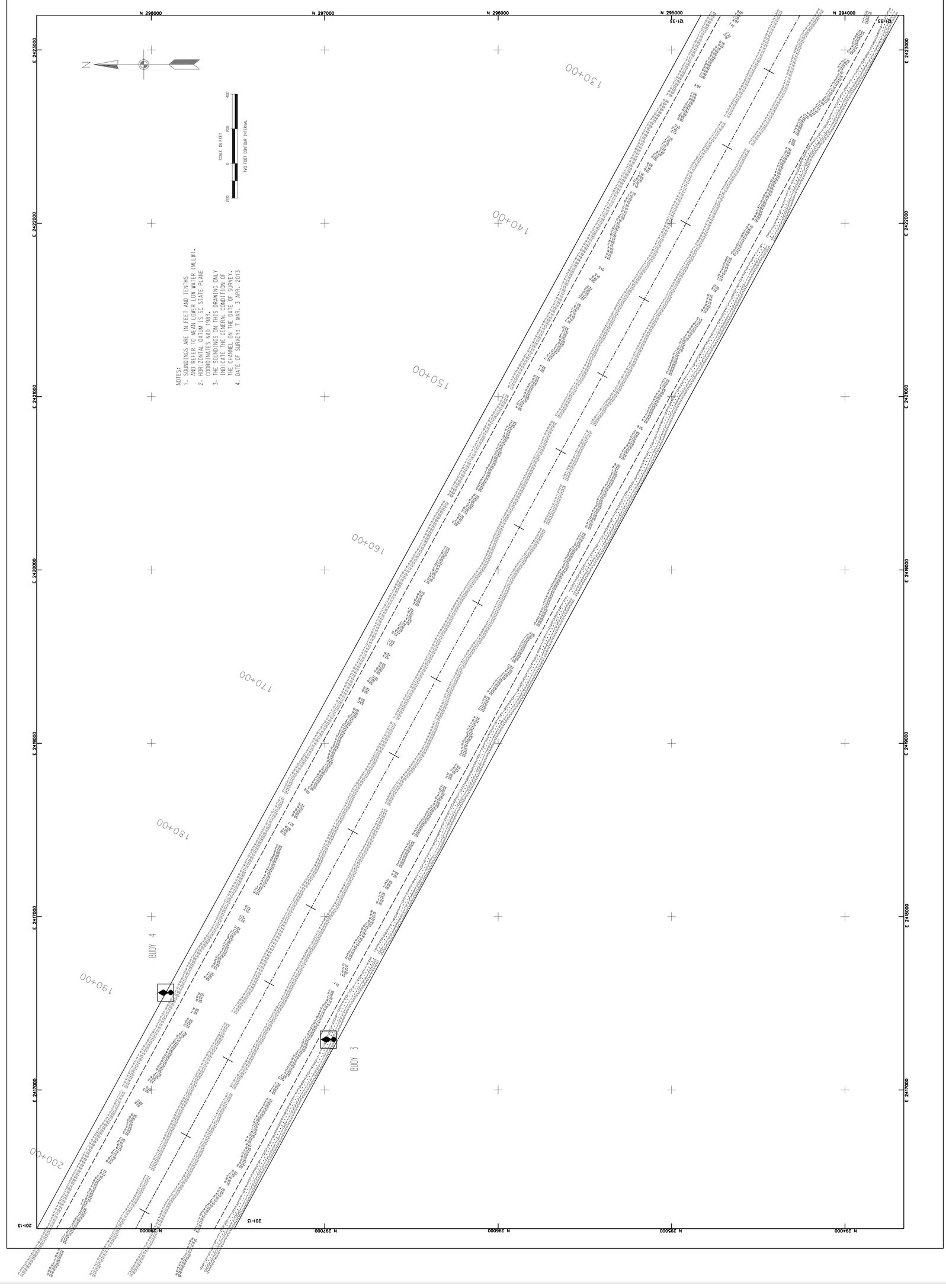
CONDITION SURVEY

9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 4 OF 15



NOTES:
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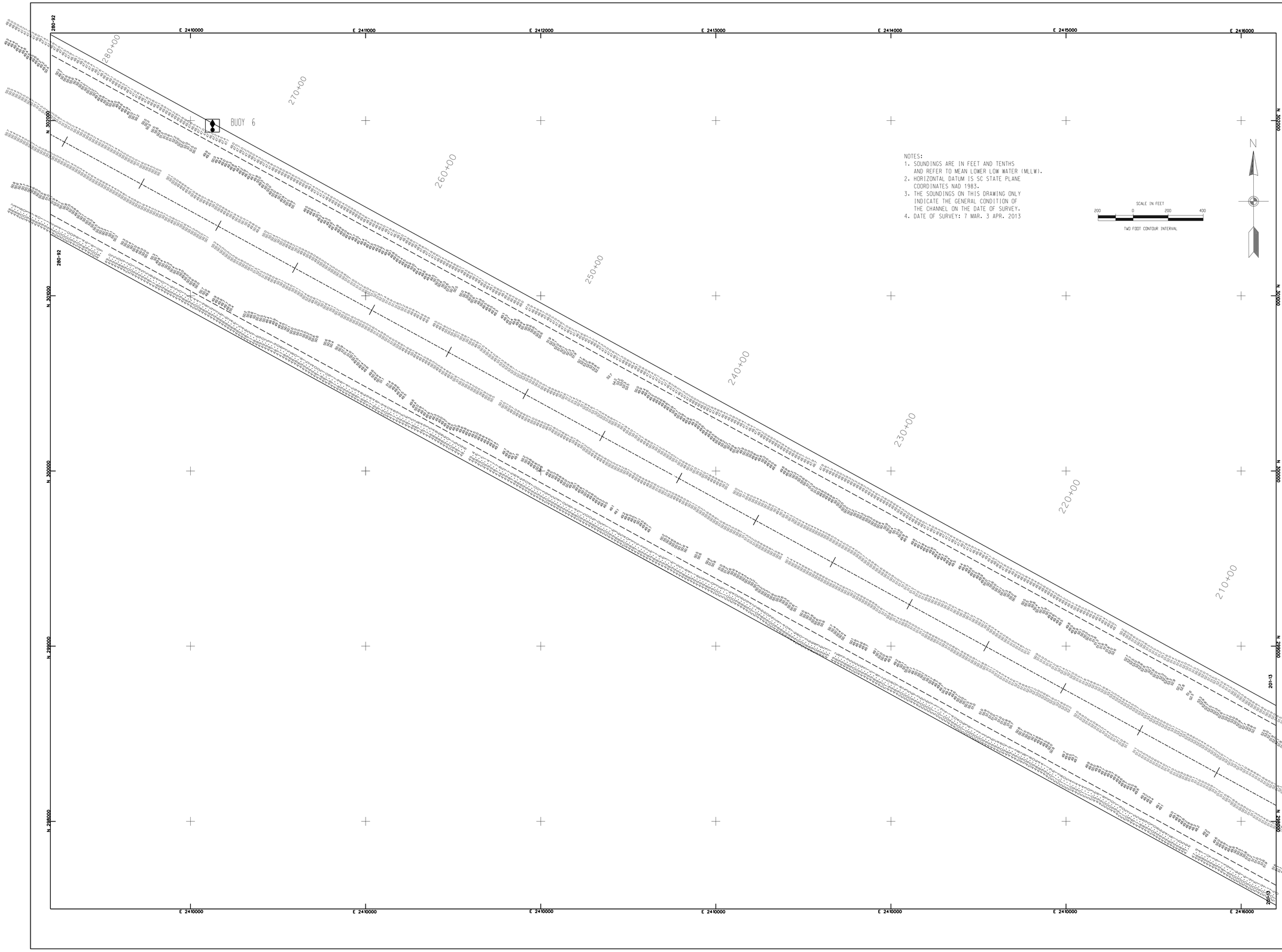
4. DATE OF SURVEY: 7 MAR. 3 APR. 2013



US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no.
Drawing Code: 9482
File name:
Plot date:
Dwg scale: 1" = 200

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 5 OF 15

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by: | Date: APR. 2013 | Rev:
Drawn by: MRV | Chk'd by: | Design file no. 9482
Reviewed by: | Drawing Code:
Submitted by: | File name:
File date:
Dwg scale: 1" = 200'

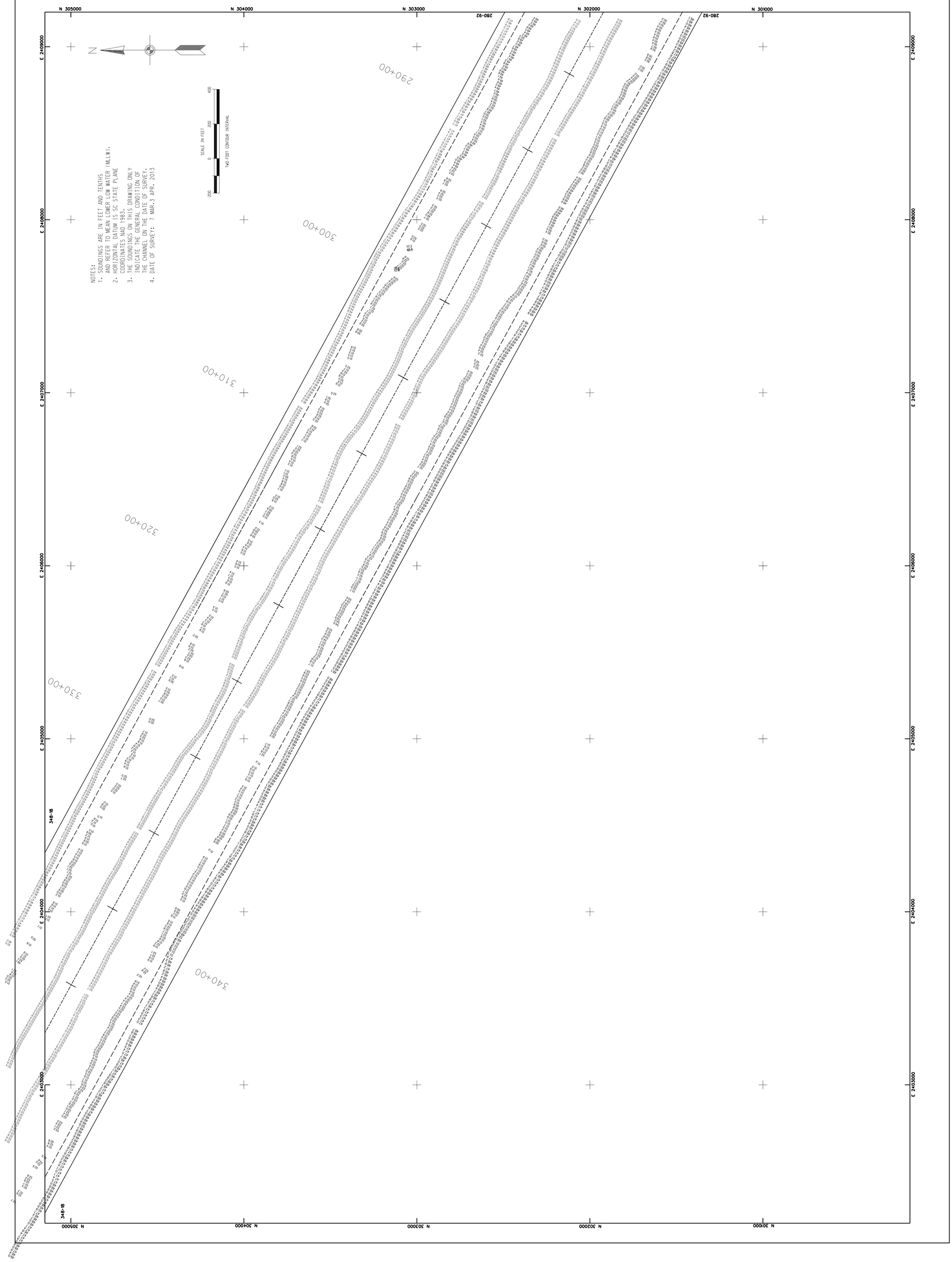
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 6 OF 15



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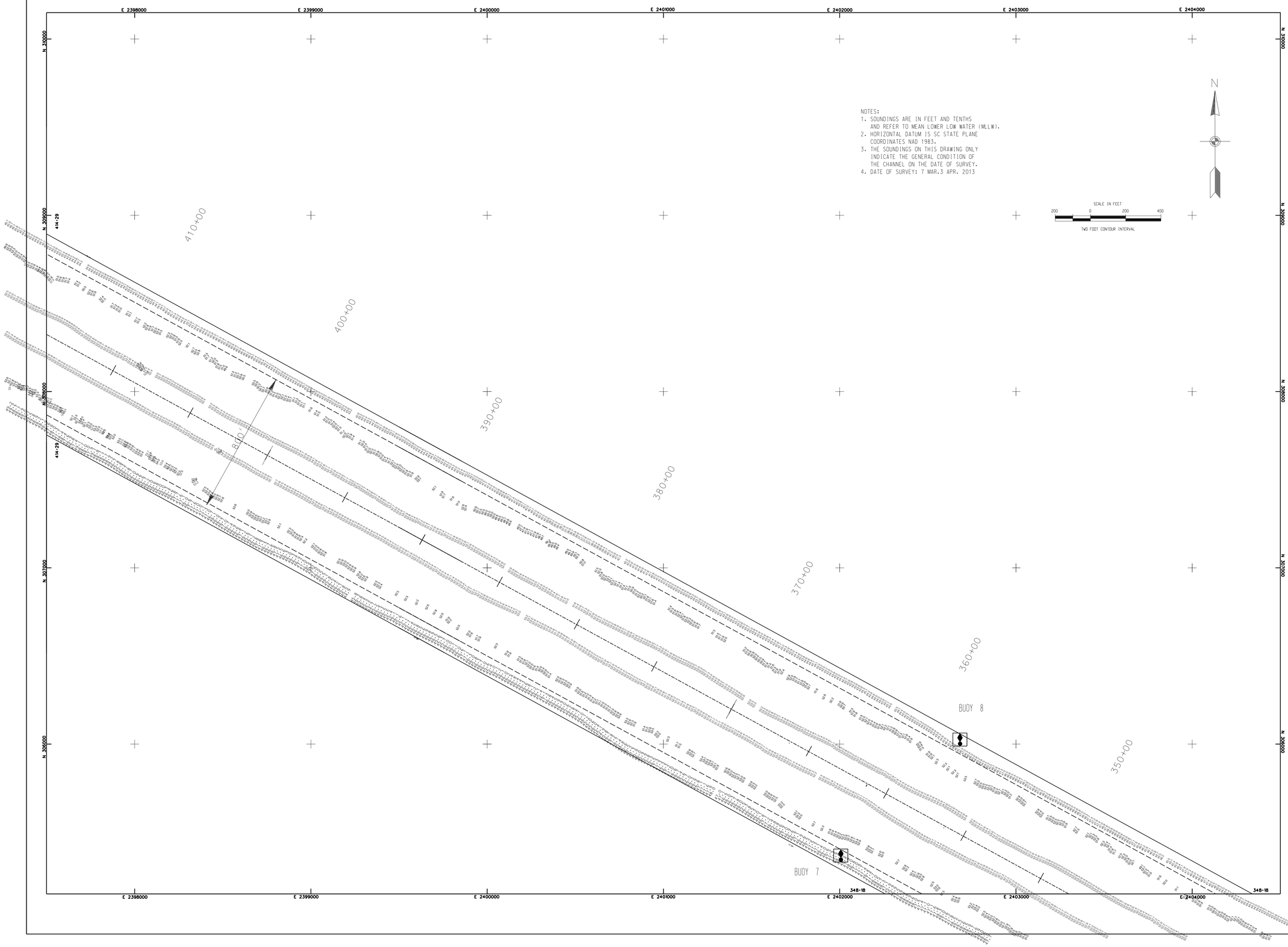
4. DATE OF SURVEY: 7 MAR.-3 APR. 2013



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4. DATE OF SURVEY: 7 MAR.3 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9482
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File name:
File number:
Dwg scale: 1" = 200'

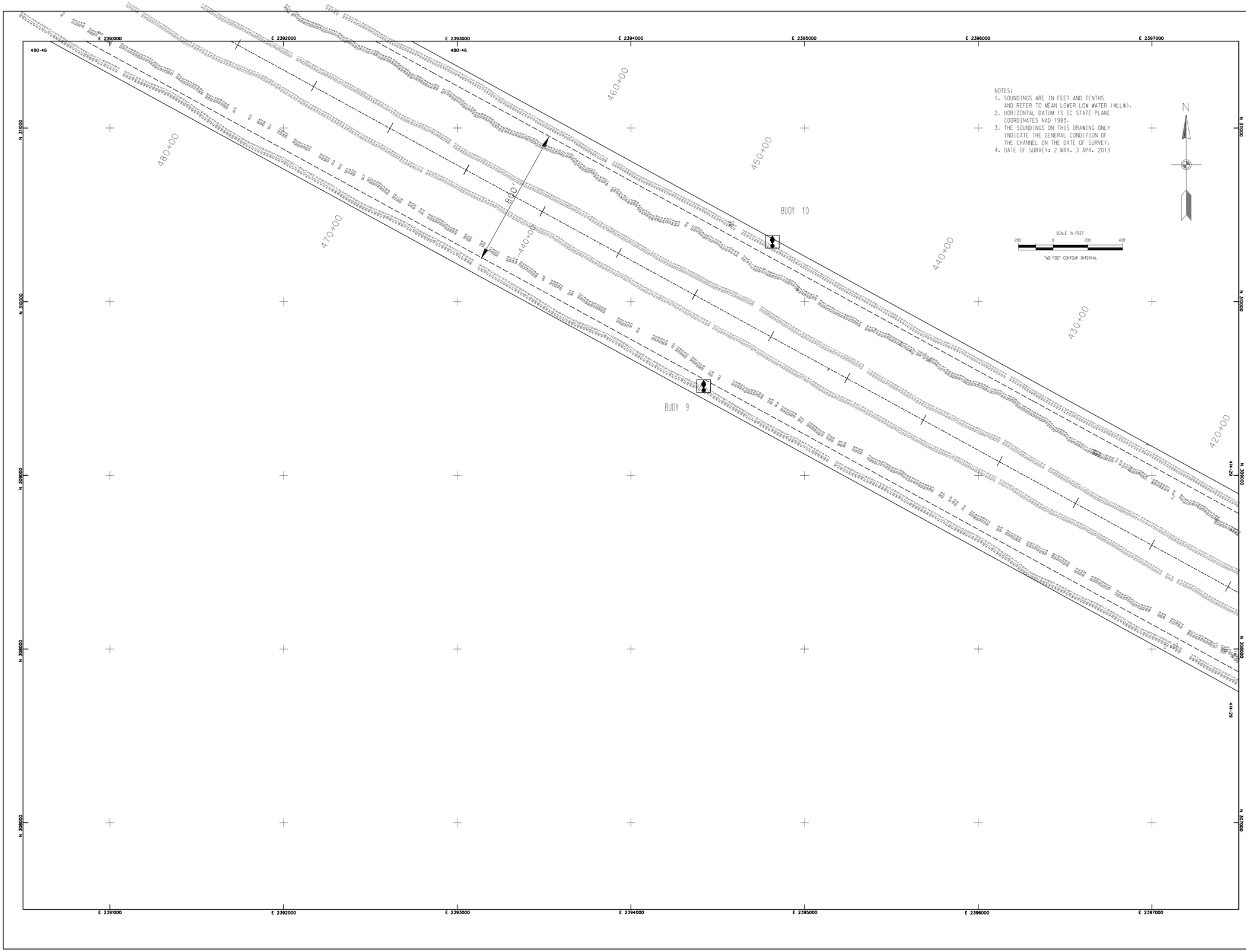
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 7 OF 15



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4. DATE OF SURVEY: 2 MAR. 3 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Chkd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9482
Drawing Code:
File name:
Plot date:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

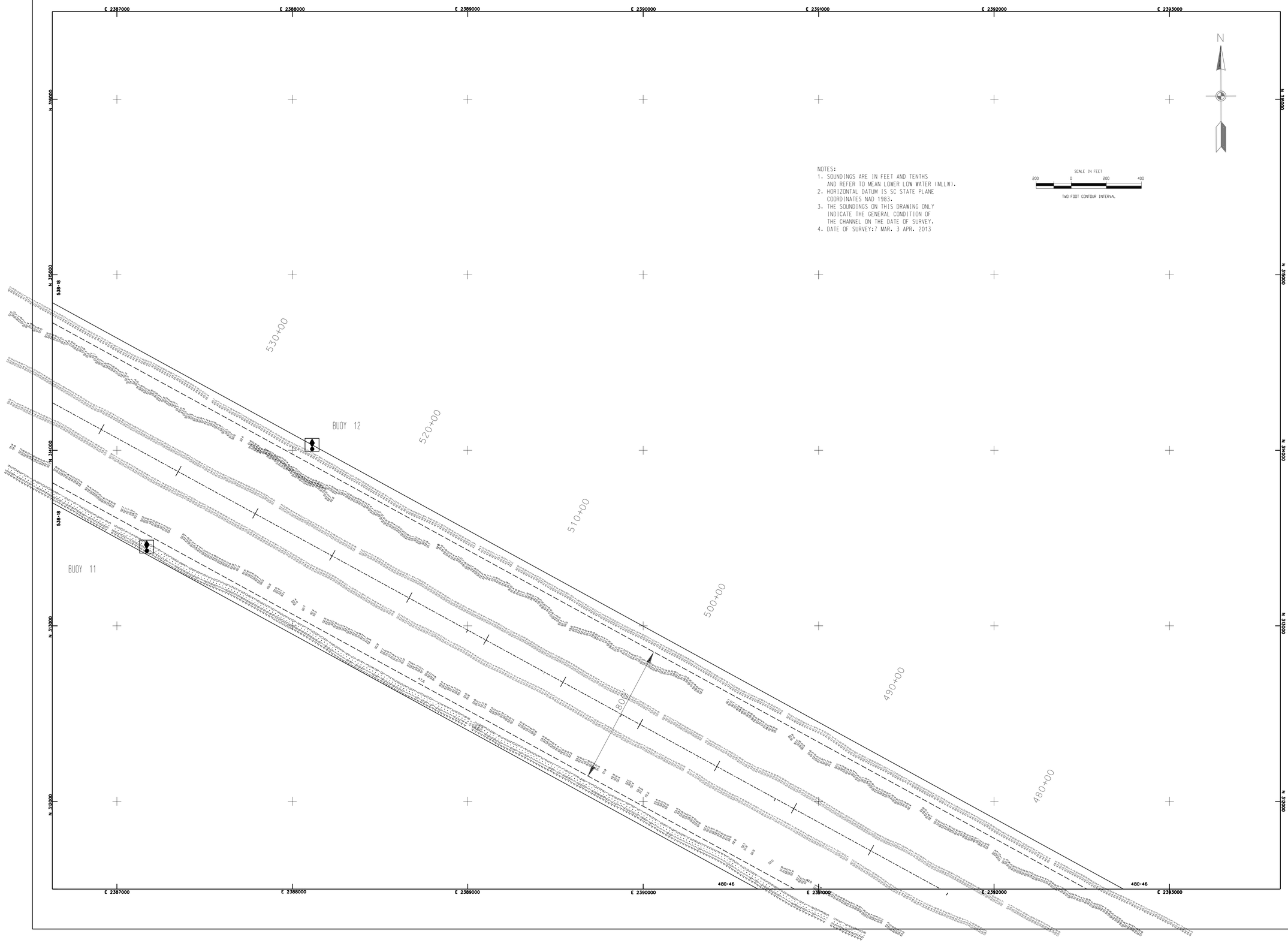
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 8 OF 15



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4. DATE OF SURVEY:7 MAR. 3 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DATE	DESCRIPTION	MARK	MARK	DATE	DESCRIPTION	MARK

Designed by:
Drawn by: MRV
Checked by:
Reviewed by:
Submitted by:
Date: APR. 2013
Design file no. 9482
Drawing Code:
File name:
Plot scale: 1" = 200'
Dwg scale: 1" = 200'
Rev:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 9 OF 15

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

Designed by: MRV
Drawn by: Chd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9482
Drawing Code:
File name:
File date:
Dwg scale 1" = 200'

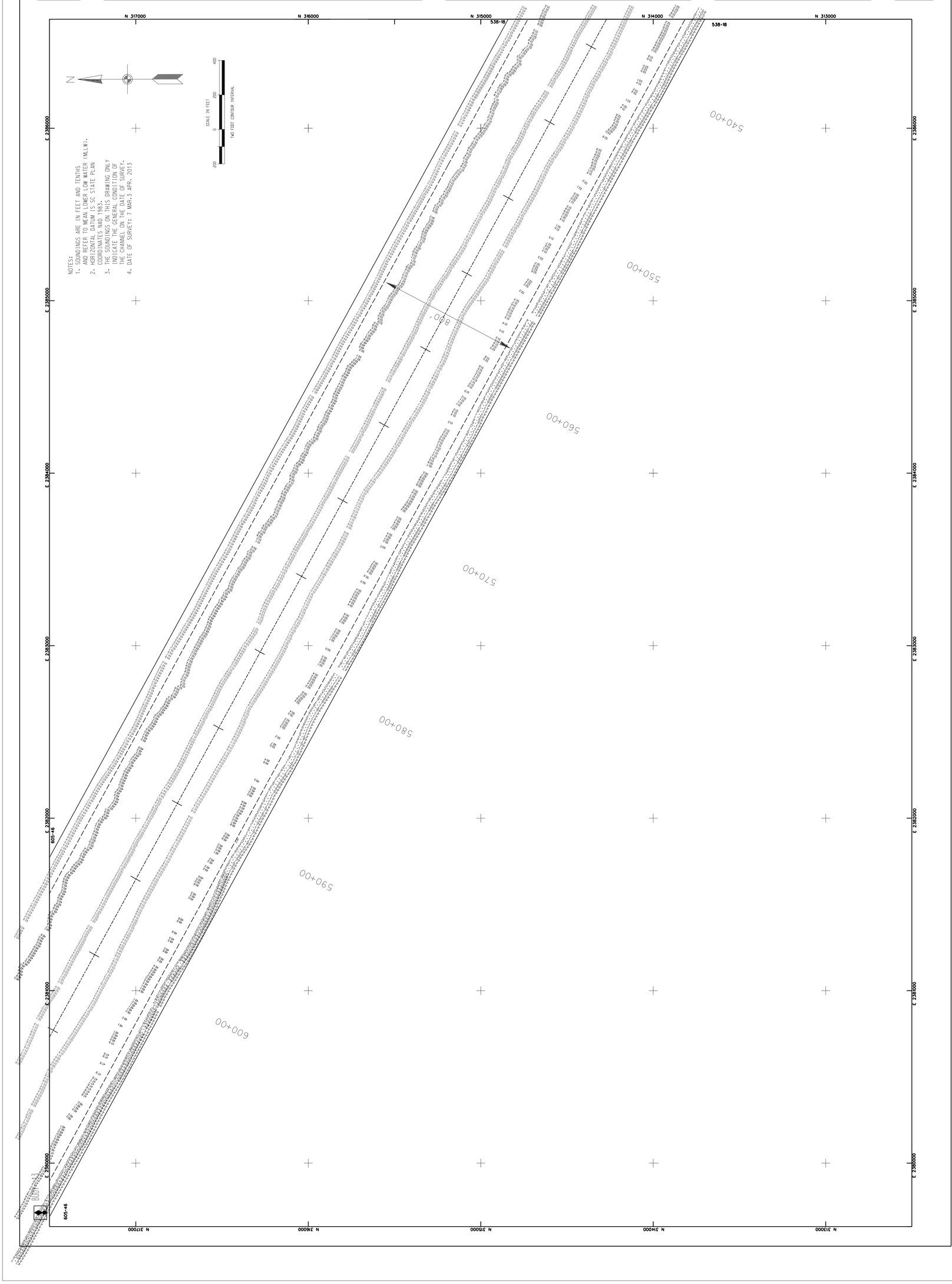
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 10 OF 15



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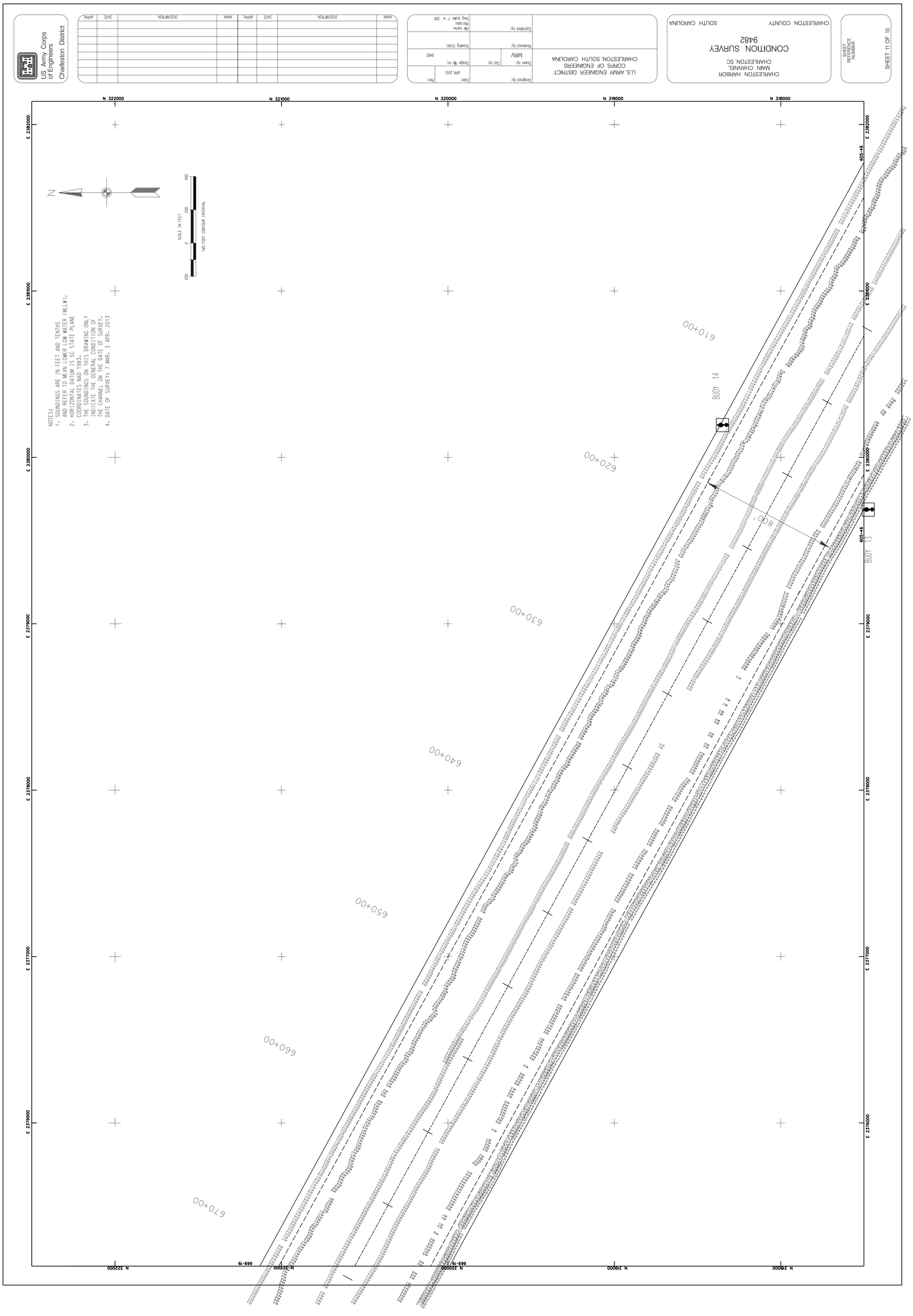
4. DATE OF SURVEY: 7 MAR-3 APR, 2013


US Army Corps of Engineers
Charleston District
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC
CONDITION SURVEY
9482
CHARLESTON COUNTY
SOUTH CAROLINA
SHEET 11 OF 15
NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).
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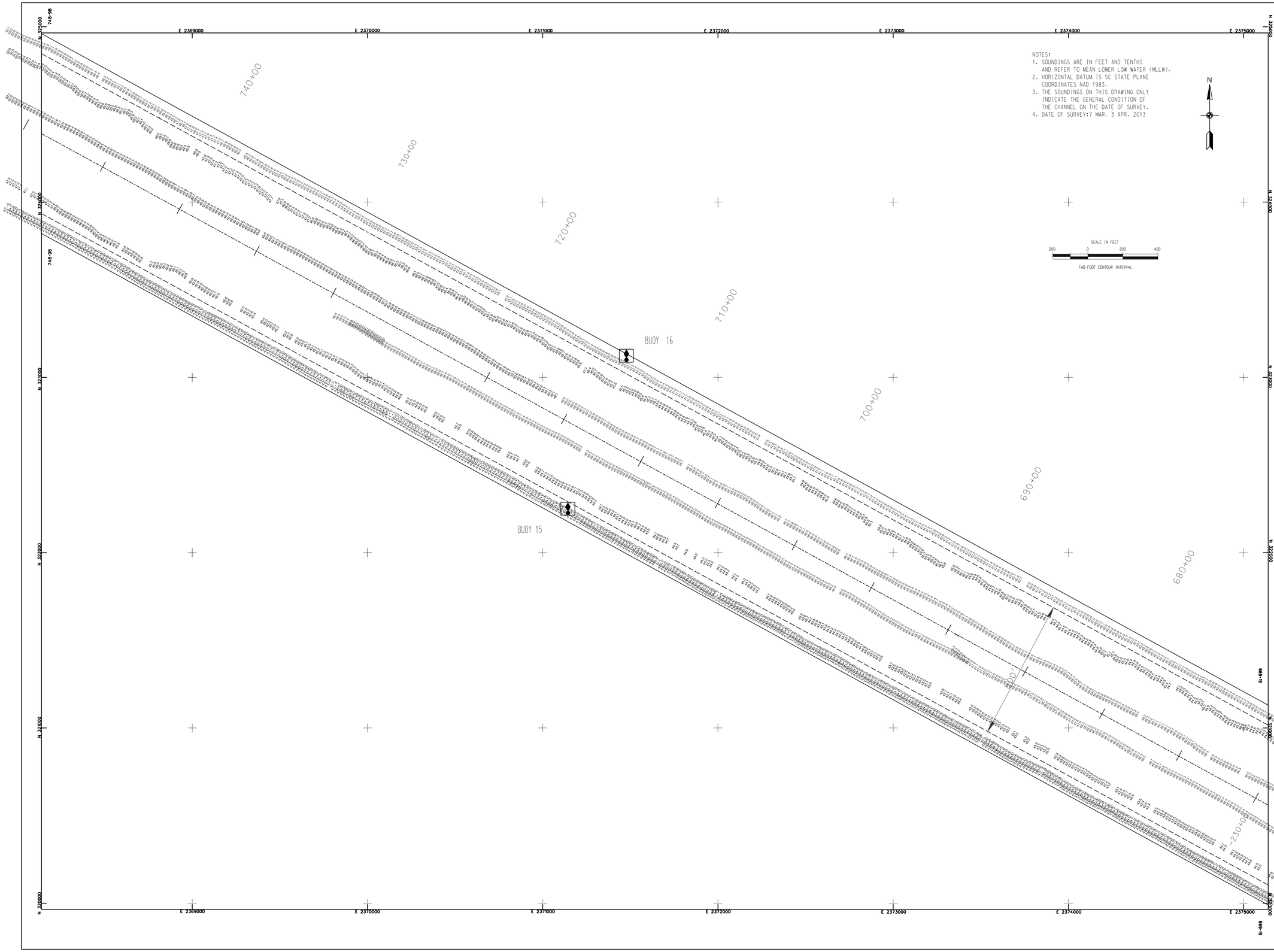
3. THE SOUNDINGS ON THIS DRAWING ONLY INDICATE THE GENERAL CONDITION OF THE CHANNEL ON THE DATE OF SURVEY.
4. DATE OF SURVEY: 7 MAR. 3 APR. 2013
SCALE IN FEET
TWO FOOT CONTOUR INTERVAL
N
BUOY 14
BUOY 13
610+00
620+00
630+00
640+00
650+00
660+00
670+00
800'
605+46
N 322000
N 321000
N 320000
N 319000
N 318000
E 2382000
E 2381000
E 2380000
E 2379000
E 2378000
E 2377000
E 2376000



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4. DATE OF SURVEY:7 MAR. 3 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Designed by:
Drawn by: MRV
Chkd by:
Reviewed by:
Submitted by:
Date: APR. 2013
Rev:
Design file no. 9482
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File name:
Plot scale:
Dwg scale: 1" = 200'

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

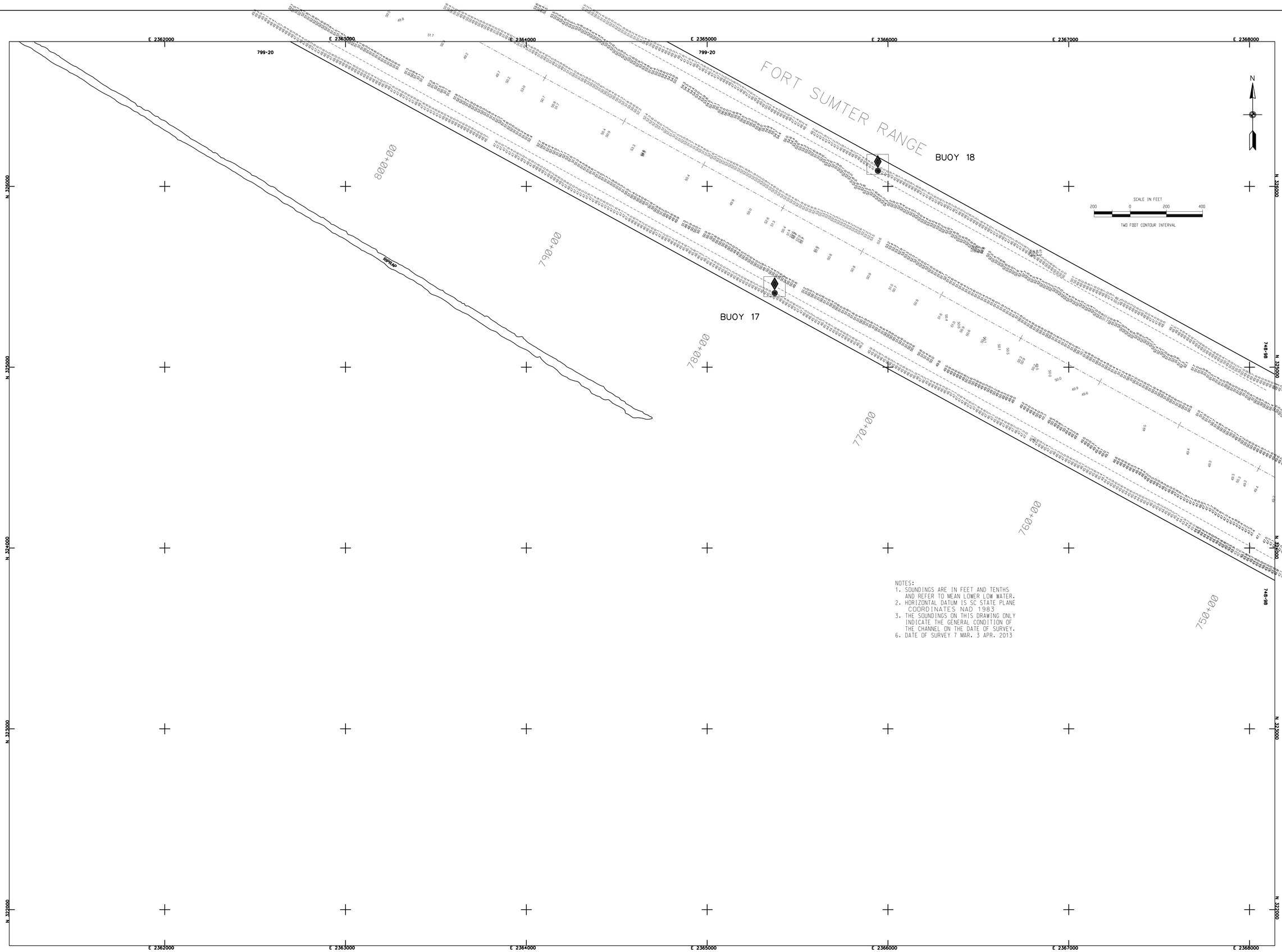
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 12 OF 15



NOTES:
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6. DATE OF SURVEY 7 MAR. 3 APR. 2013

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

Date: APR. 2013
Rev:
Design file no. 9482
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Dwg scale: 1" = 200'

Designed by:
Drawn by: MRV
Ckd by:
Reviewed by:
Submitted by:

U.S. ARMY ENGINEER DISTRICT
U.S. CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

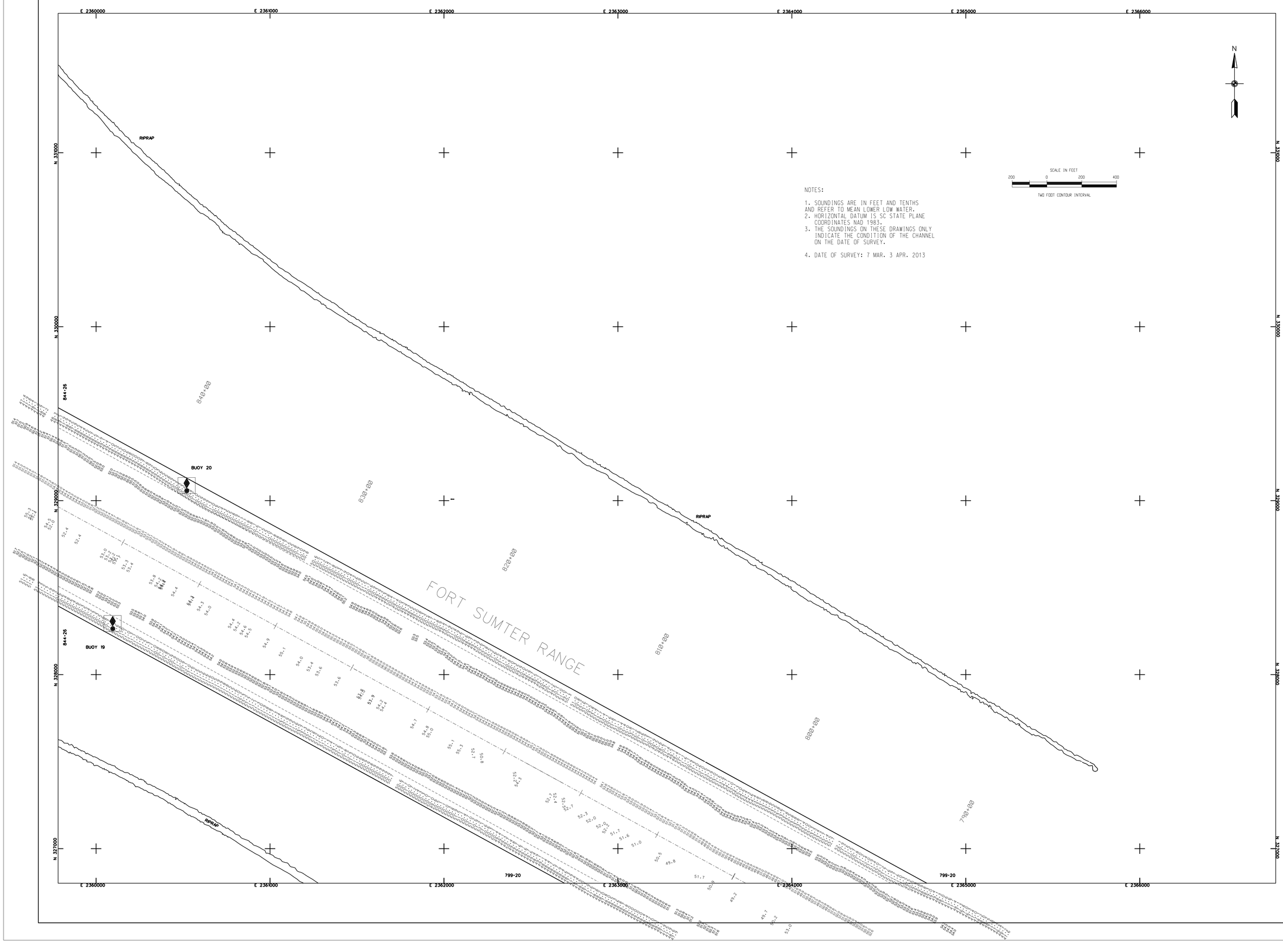
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 13 OF 15



NOTES:

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2. HORIZONTAL DATUM IS SC STATE PLANE COORDINATES NAD 1983.
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4. DATE OF SURVEY: 7 MAR. 3 APR. 2013

SCALE IN FEET

200 0 200 400

TWO FOOT CONTOUR INTERVAL

US Army Corps of Engineers
Charleston District

MARK	DESCRIPTION	DATE	APPRV.	MARK	DESCRIPTION	DATE	APPRV.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

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Submitted by:
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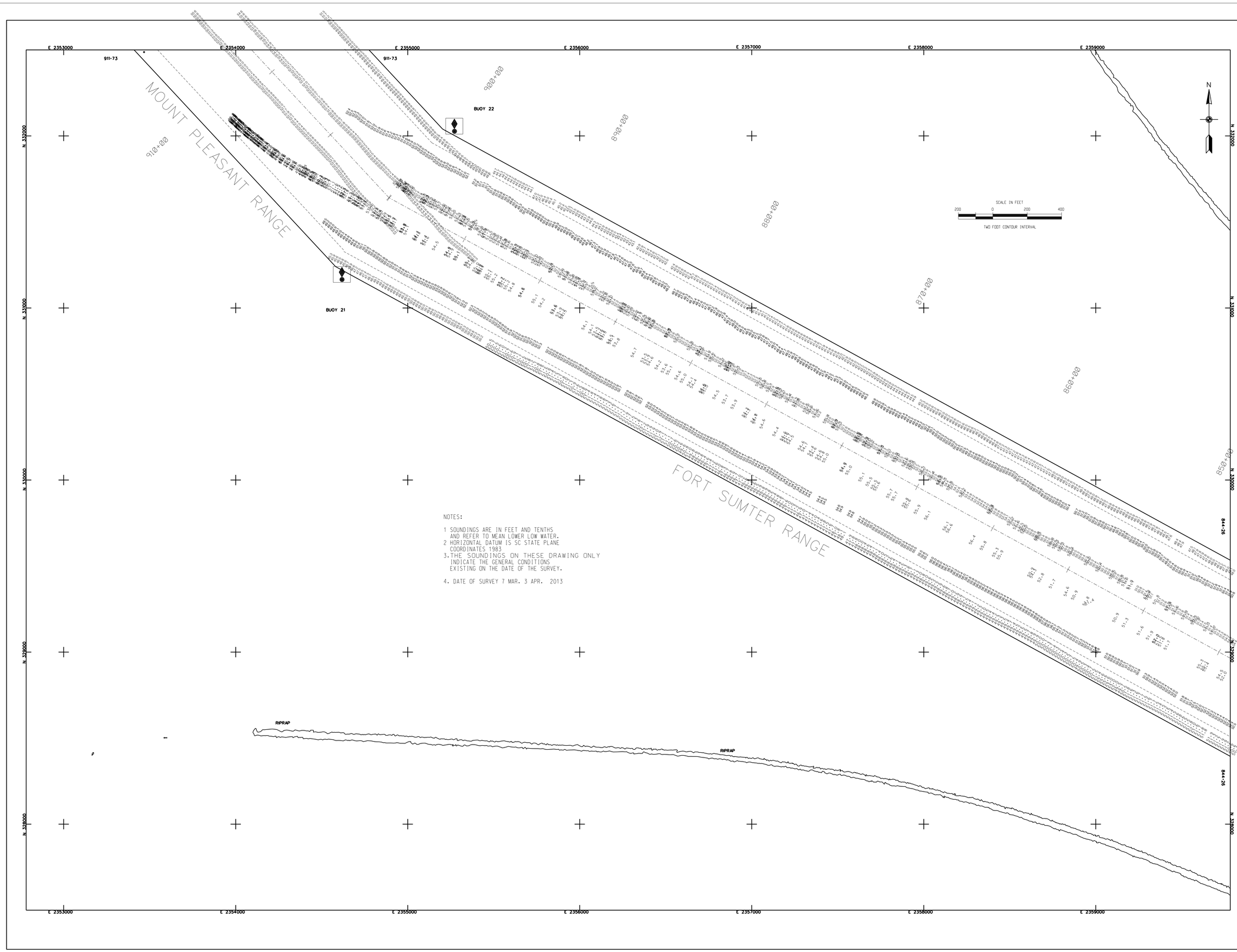
CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 14 OF 15



NOTES:

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2 HORIZONTAL DATUM IS SC STATE PLANE COORDINATES 1983
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4. DATE OF SURVEY 7 MAR. 3 APR. 2013

US Army Corps of Engineers
Charleston District

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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHARLESTON, SOUTH CAROLINA

CHARLESTON HARBOR
MAIN CHANNEL
CHARLESTON, SC

CONDITION SURVEY
9482

CHARLESTON COUNTY SOUTH CAROLINA

SHEET REFERENCE NUMBER

SHEET 15 OF 15