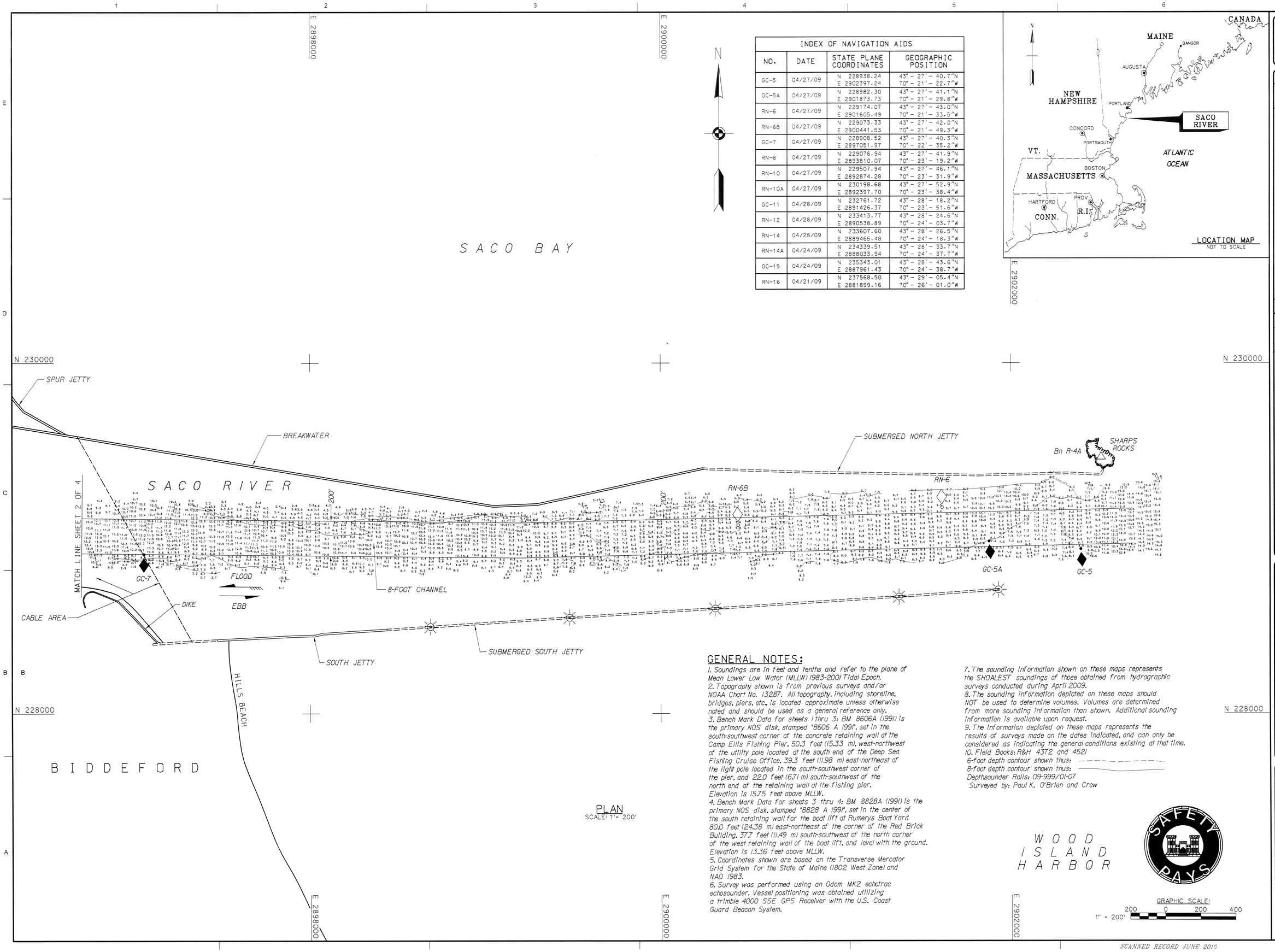

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-5	04/27/09	N 228938.24 E 2902397.24	43° - 27′ - 40.7″N 70° - 21′ - 22.7″W
GC-5A	04/27/09	N 228982.30 E 2901873.73	43° - 27′ - 41.1″N 70° - 21′ - 29.8″W
RN-6	04/27/09	N 229174.07 E 2901605.49	43° - 27′ - 43.0″N 70° - 21′ - 33.5″W
RN-6B	04/27/09	N 229073.33 E 2900441.53	43° - 27′ - 42.0″N 70° - 21′ - 49.3″W
GC-7	04/27/09	N 228908.52 E 2897051.97	43° - 27′ - 40.3″N 70° - 22′ - 35.2″W
RN-8	04/27/09	N 229076.94 E 2893810.07	43° - 27′ - 41.9″N 70° - 23′ - 19.2″W
RN-10	04/27/09	N 229507.94 E 2892874.28	43° - 27′ - 46.1″N 70° - 23′ - 31.9″W
RN-10A	04/27/09	N 230198.68 E 2892397.70	43° - 27′ - 52.9″N 70° - 23′ - 38.4″W
GC-11	04/28/09	N 232761.72 E 2891426.37	43° - 28′ - 18.2″N 70° - 23′ - 51.6″W
RN-12	04/28/09	N 233413.77 E 2890538.89	43° - 28′ - 24.6″N 70° - 24′ - 03.7″W
RN-14	04/28/09	N 233607.60 E 2889465.48	43° - 28′ - 26.5″N 70° - 24′ - 18.3″W
RN-14A	04/24/09	N 234339.51 E 2888033.94	43° - 28′ - 33.7″N 70° - 24′ - 37.7″W
GC-15	04/24/09	N 235343.01 E 2887961.43	43° - 28′ - 43.6″N 70° - 24′ - 38.7″W
RN-16	04/21/09	N 237568.50 E 2881899.16	43° - 29′ - 05.4″N 70° - 26′ - 01.0″W

PLAN
SCALE: 1" = 200'

GENERAL NOTES:

1. Soundings are in feet and tenths and refer to the plane of Mean Lower Low Water (MLLW) 1983-2001 Tidal Epoch.
2. Topography shown is from previous surveys and/or NOAA Chart No. 13287. All topography, including shoreline, bridges, piers, etc., is located approximate unless otherwise noted and should be used as a general reference only.
3. Bench Mark Data for sheets 1 thru 3: BM 8606A (1991) is the primary NOS disk, stamped "8606 A 1991", set in the south-southwest corner of the concrete retaining wall at the Camp Ellis Fishing Pier, 50.3 feet (15.33 m), west-northwest of the utility pole located at the south end of the Deep Sea Fishing Cruise Office, 39.3 feet (11.98 m) east-northeast of the light pole located in the south-southwest corner of the pier, and 22.0 feet (6.71 m) south-southwest of the north end of the retaining wall at the fishing pier. Elevation is 15.75 feet above MLLW.
4. Bench Mark Data for sheets 3 thru 4: BM 8828A (1991) is the primary NOS disk, stamped "8828 A 1991", set in the center of the south retaining wall for the boat lift at Rumerys Boat Yard 80.0 feet (24.38 m) east-northeast of the corner of the Red Brick Building, 37.7 feet (11.49 m) south-southwest of the north corner of the west retaining wall of the boat lift, and level with the ground. Elevation is 13.36 feet above MLLW.
5. Coordinates shown are based on the Transverse Mercator Grid System for the State of Maine (1802 West Zone) and NAD 1983.
6. Survey was performed using an Odom MK2 echotrac echosounder. Vessel positioning was obtained utilizing a trimble 4000 SSE GPS Receiver with the U.S. Coast Guard Beacon System.
7. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during April 2009.
8. The sounding information depicted on these maps should NOT be used to determine volumes. Volumes are determined from more sounding information than shown. Additional sounding information is available upon request.
9. The information depicted on these maps represents the results of surveys made on the dates indicated, and can only be considered as indicating the general conditions existing at that time.
10. Field Books: R&H 4372 and 4521
6-foot depth contour shown thus: - - - - - - - -
8-foot depth contour shown thus: ————————
Depthsounder Rolls: 09-999/01-07
Surveyed by: Paul K. O'Brien and Crew

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DATE 11/10
DWN BY: Paul K. O'Brien
CKD BY: MRM
DSGN BY: N/A
DRAWING FILE: SACSHP3.DGN
DRAWING CODE: 2066
PLOT DATE: 11/10/2010
PLOT SCALE: 1:200
PLOT DATE: 11/10/2010
FILE NAME: SACSHEETV101.001
SIZE: ANSI F

REVIEWED BY: Paul J. Fitzhenry, Asst. Chief, Survey Section
SUBMITTED BY: Paul J. Fitzhenry, Chief, Survey Section

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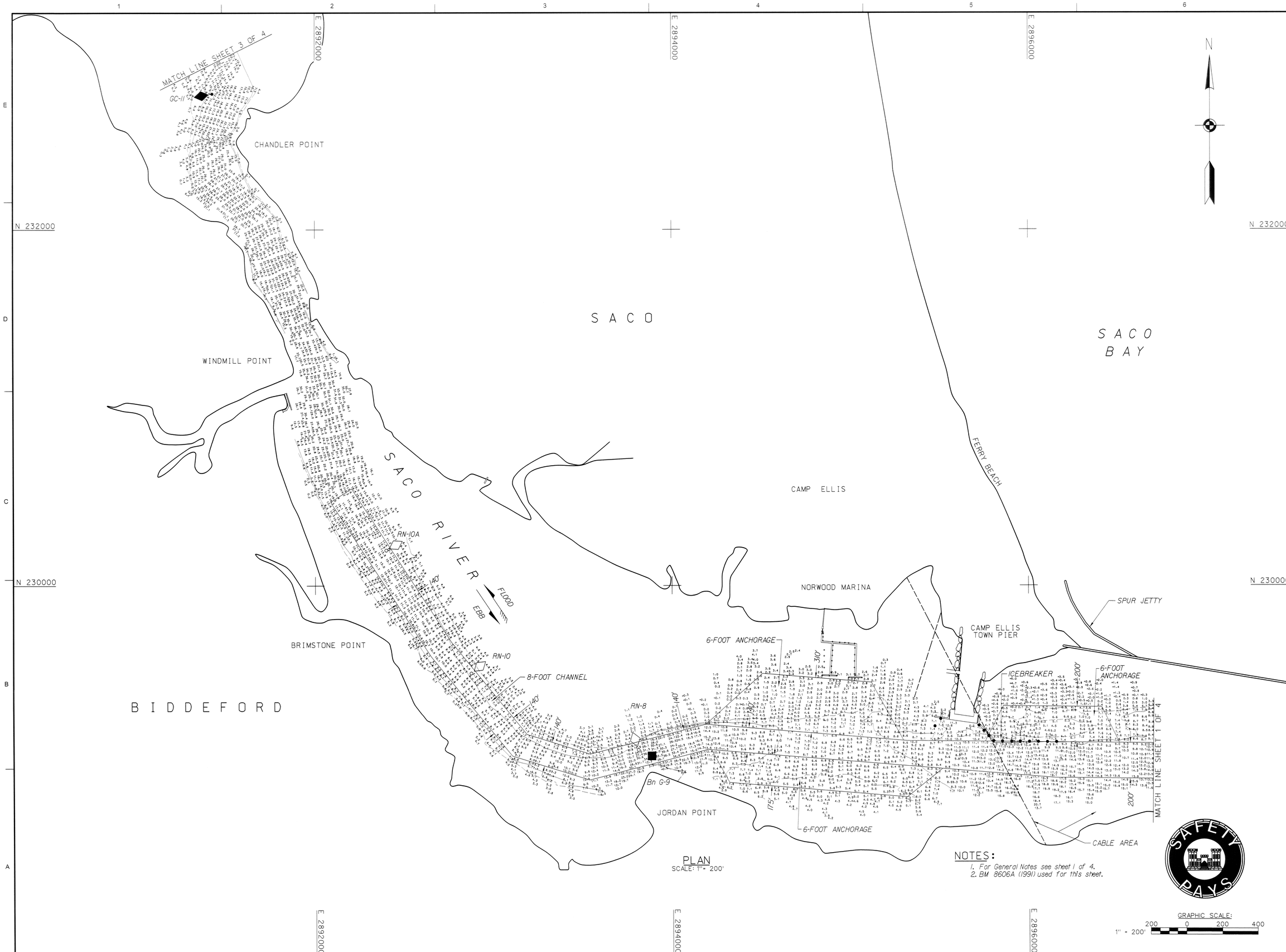
SACO RIVER
BIDDEFORD AND SACO, MAINE
CONDITION SURVEY

8-FOOT CHANNELS
6-FOOT ANCHORAGES

SHEET IDENTIFICATION
V-101
SHEET 1 OF 4

SCANNED RECORD JUNE 2010



PLAN
SCALE: 1" = 200'

NOTES:
1. For General Notes see sheet 1 of 4.
2. BM 8606A (1991) used for this sheet.

GRAPHIC SCALE:
200 0 200 400
1" = 200'

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New England District

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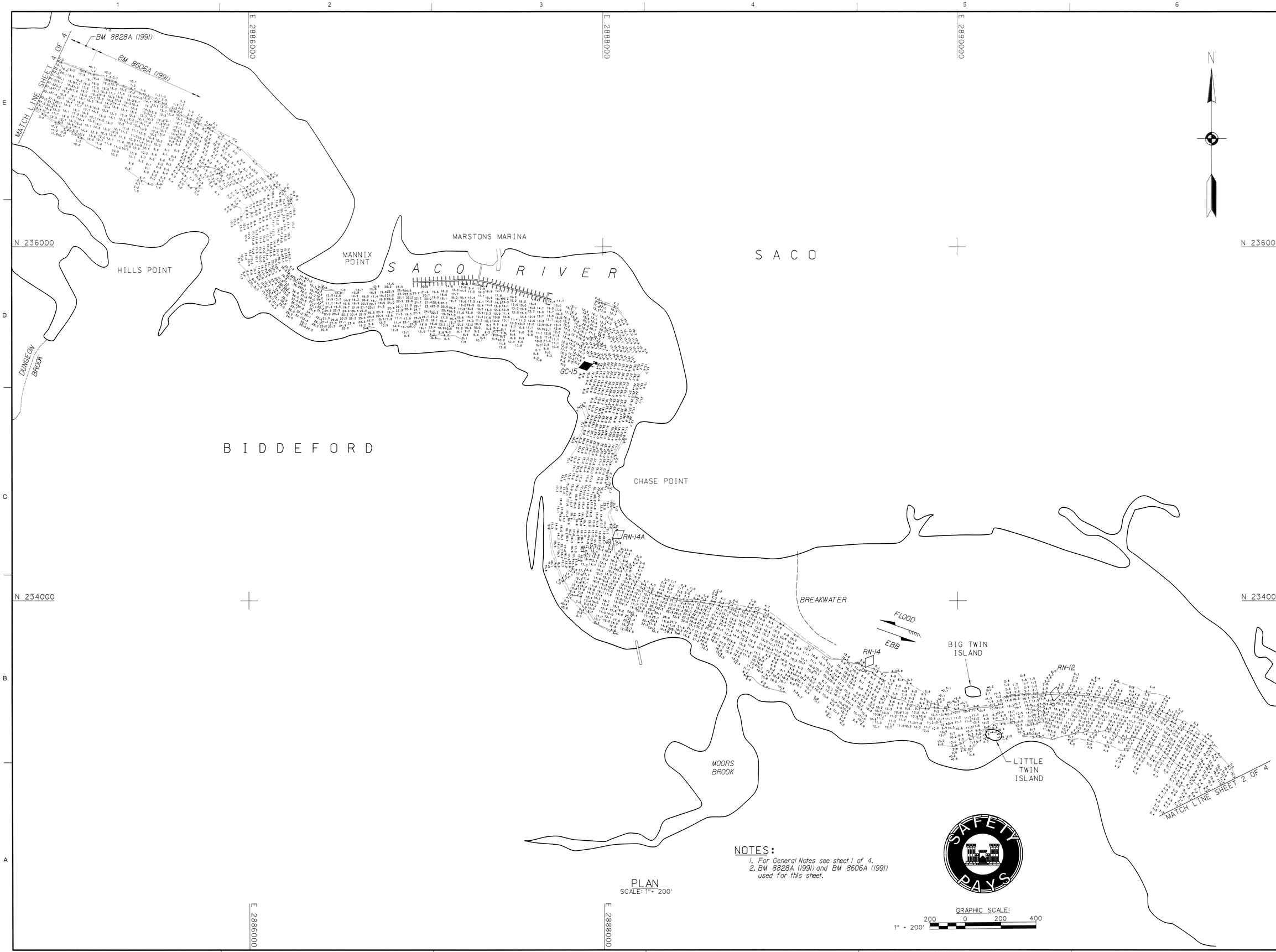
REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
PLOT SCALE: 1" = 200'
PLOT DATE: 6/01/2010
DATE: 6/1/10
DWN BY: SWK
CKD BY: LAPRE
DESIGN FILE: SACRSP3.DGN
DRAWING CODE: 2666
SIZE: ANSI F
FILE NAME: SACR66W102.S02

SACO RIVER
BIDDEFORD AND SACO, MAINE
CONDITION SURVEY

8-FOOT CHANNELS
6-FOOT ANCHORAGES

SHEET IDENTIFICATION
V-102
SHEET 2 OF 4

SCANNED RECORD JUNE 2010



NOTES:
1. For General Notes see sheet 1 of 4.
2. BM 8828A (1991) and BM 8606A (1991) used for this sheet.

PLAN
SCALE: 1" = 200'

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MARK	DESCRIPTION	DATE	APPR

MARK	DESCRIPTION	DATE	APPR

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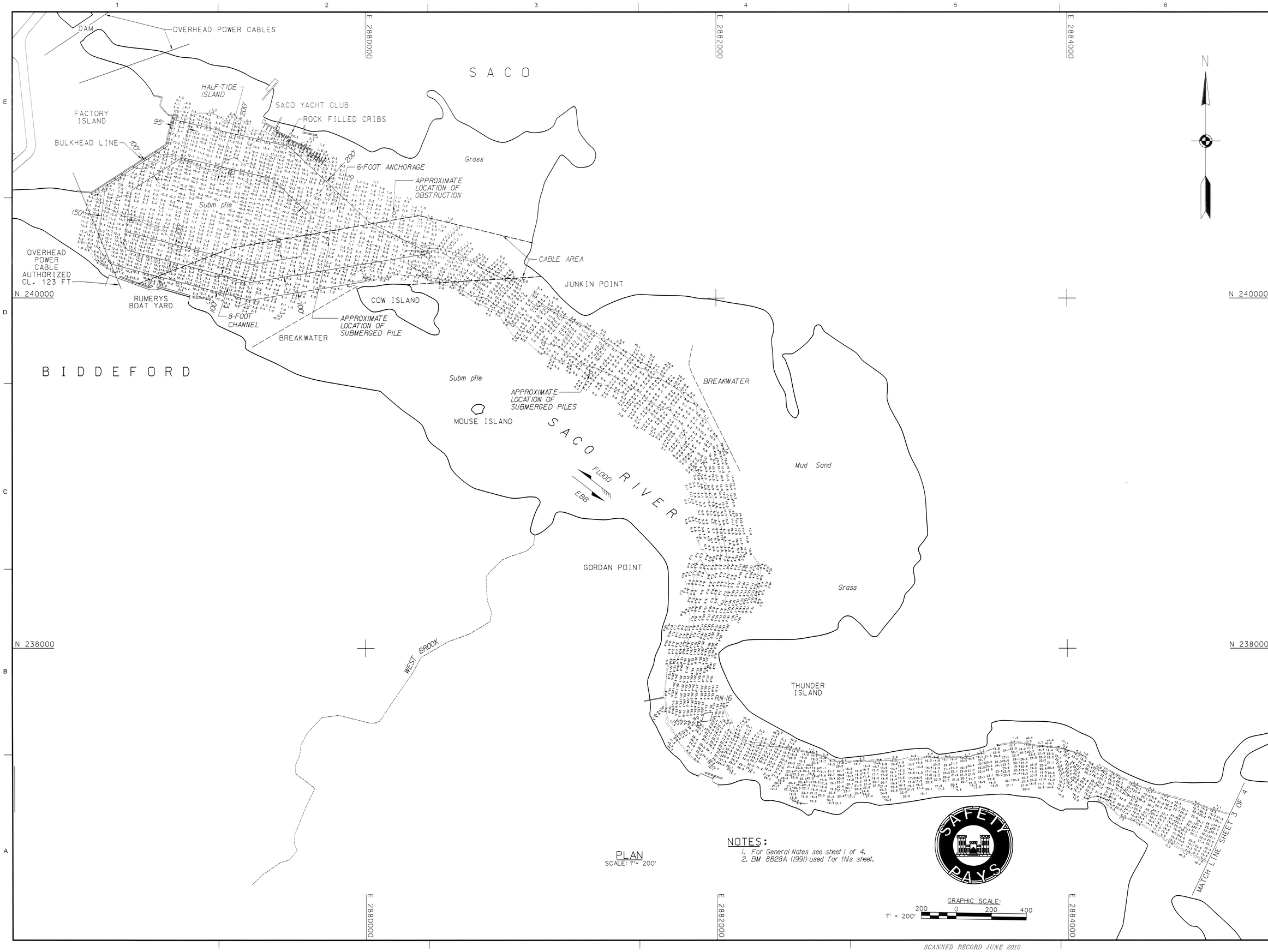
REVIEWED BY: Asst. Chief, Survey Section
SUBMITTED BY: Chief, Survey Section
DATE:
DWN BY: SWK
CKD BY: MTM
DESIGN FILE: SACHSP3.DGN
DRAWING CODE: 2666
PLOT SCALE: 1" = 200'
PLOT DATE: 6/01/2010
SIZE: ANSI F
FILE NAME: SAC2666V103.S03

SACO RIVER
BIDDEFORD AND SACO, MAINE
CONDITION SURVEY

8-FOOT CHANNELS
6-FOOT ANCHORAGES

SHEET IDENTIFICATION
V-103
SHEET 3 OF 4

SCANNED RECORD JUNE 2010



PLAN
SCALE: 1" = 200'

NOTES:
1. For General Notes see sheet 1 of 4.
2. BM 8828A (1991) used for this sheet.

SAFETY PAYS

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.
1	ACCORDANCE W/MODIFICATION NO. 1	03/27/2008	TSR

REVIEWED BY: Asst. Chief, Survey Section	DATE: 6/1/10
SUBMITTED BY: Chief, Survey Section	DWN BY: TSR / DES BY: MTM
	CKD BY: MTM / DSGN FILE: SACHSP3.DGN
PLOT SCALE: 1" = 200'	PLOT DATE: 6/1/2010
SIZE: ANSI F	DRAWING CODE: 2660
	FILE NUMBER: SAC2680704.504

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NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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SACO RIVER
BIDDEFORD AND SACO, MAINE
CONDITION SURVEY

8-FOOT CHANNELS
6-FOOT ANCHORAGES

SHEET IDENTIFICATION
V-104
SHEET 4 OF 4

SCANNED RECORD JUNE 2010