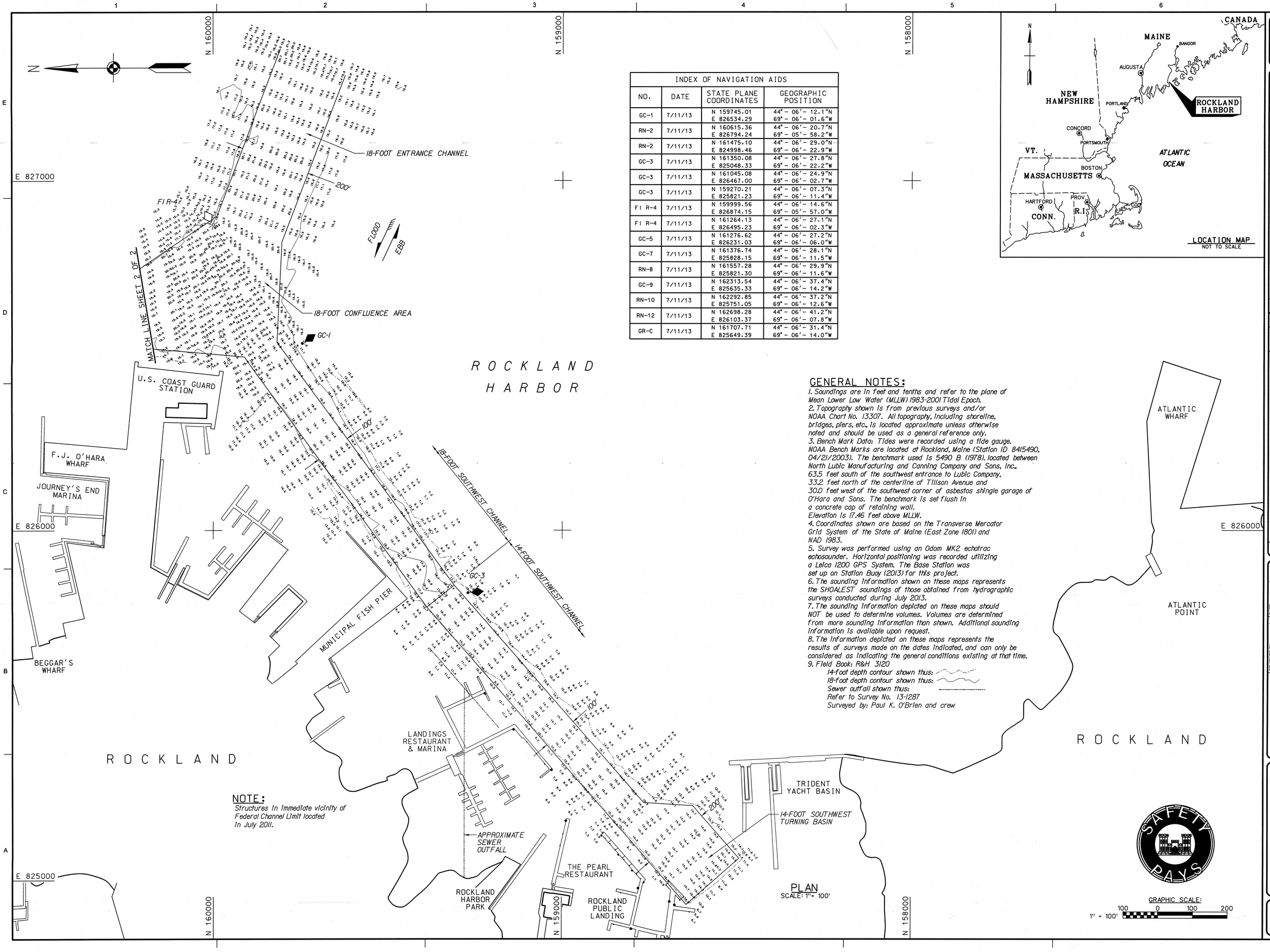

INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
GC-1	7/11/13	N 159745.01 E 826534.29	44° - 06′ - 12.1″N 69° - 06′ - 01.6″W
RN-2	7/11/13	N 160615.36 E 826794.24	44° - 06′ - 20.7″N 69° - 05′ - 58.2″W
RN-2	7/11/13	N 161475.10 E 824998.46	44° - 06′ - 29.0″N 69° - 06′ - 22.9″W
GC-3	7/11/13	N 161350.08 E 825048.33	44° - 06′ - 27.8″N 69° - 06′ - 22.2″W
GC-3	7/11/13	N 161045.08 E 826467.00	44° - 06′ - 24.9″N 69° - 06′ - 02.7″W
GC-3	7/11/13	N 159270.21 E 825821.23	44° - 06′ - 07.3″N 69° - 06′ - 11.4″W
FI R-4	7/11/13	N 159999.56 E 826874.15	44° - 06′ - 14.6″N 69° - 05′ - 57.0″W
FI R-4	7/11/13	N 161264.13 E 826495.23	44° - 06′ - 27.1″N 69° - 06′ - 02.3″W
GC-5	7/11/13	N 161276.62 E 826231.03	44° - 06′ - 27.2″N 69° - 06′ - 06.0″W
GC-7	7/11/13	N 161376.74 E 825828.15	44° - 06′ - 28.1″N 69° - 06′ - 11.5″W
RN-8	7/11/13	N 161557.28 E 825821.30	44° - 06′ - 29.9″N 69° - 06′ - 11.6″W
GC-9	7/11/13	N 162313.54 E 825635.33	44° - 06′ - 37.4″N 69° - 06′ - 14.2″W
RN-10	7/11/13	N 162292.85 E 825751.05	44° - 06′ - 37.2″N 69° - 06′ - 12.6″W
RN-12	7/11/13	N 162698.28 E 826103.37	44° - 06′ - 41.2″N 69° - 06′ - 07.8″W
GR-C	7/11/13	N 161707.71 E 825649.39	44° - 06′ - 31.4″N 69° - 06′ - 14.0″W

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. 13307. 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: Tides were recorded using a tide gauge. NOAA Bench Marks are located at Rockland, Maine (Station ID 8415490, 04/21/2003). The benchmark used is 5490 B (1978), located between North Lubic Manufacturing and Canning Company and Sons, Inc., 63.5 feet south of the southwest entrance to Lubic Company, 33.2 feet north of the centerline of Tillson Avenue and 30.0 feet west of the southwest corner of asbestos shingle garage of O'Hara and Sons. The benchmark is set flush in a concrete cap of retaining wall. Elevation is 17.46 feet above MLLW.
4. Coordinates shown are based on the Transverse Mercator Grid System of the State of Maine (East Zone 1801) and NAD 1983.
5. Survey was performed using an Odom MK2 echotrac echosounder. Horizontal positioning was recorded utilizing a Leica 1200 GPS System. The Base Station was set up on Station Buoy (2013) for this project.
6. The sounding information shown on these maps represents the SHOALEST soundings of those obtained from hydrographic surveys conducted during July 2013.
7. 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.
8. 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.
9. Field Book: R&H 3120

14-foot depth contour shown thus:
18-foot depth contour shown thus:
Sewer outfall shown thus:
Refer to Survey No. 13-1287
Surveyed by: Paul K. O'Brien and crew

NOTE:

Structures in immediate vicinity of Federal Channel Limit located in July 2011.

PLAN

SCALE: 1" = 100'

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
CONCORD, MASSACHUSETTS
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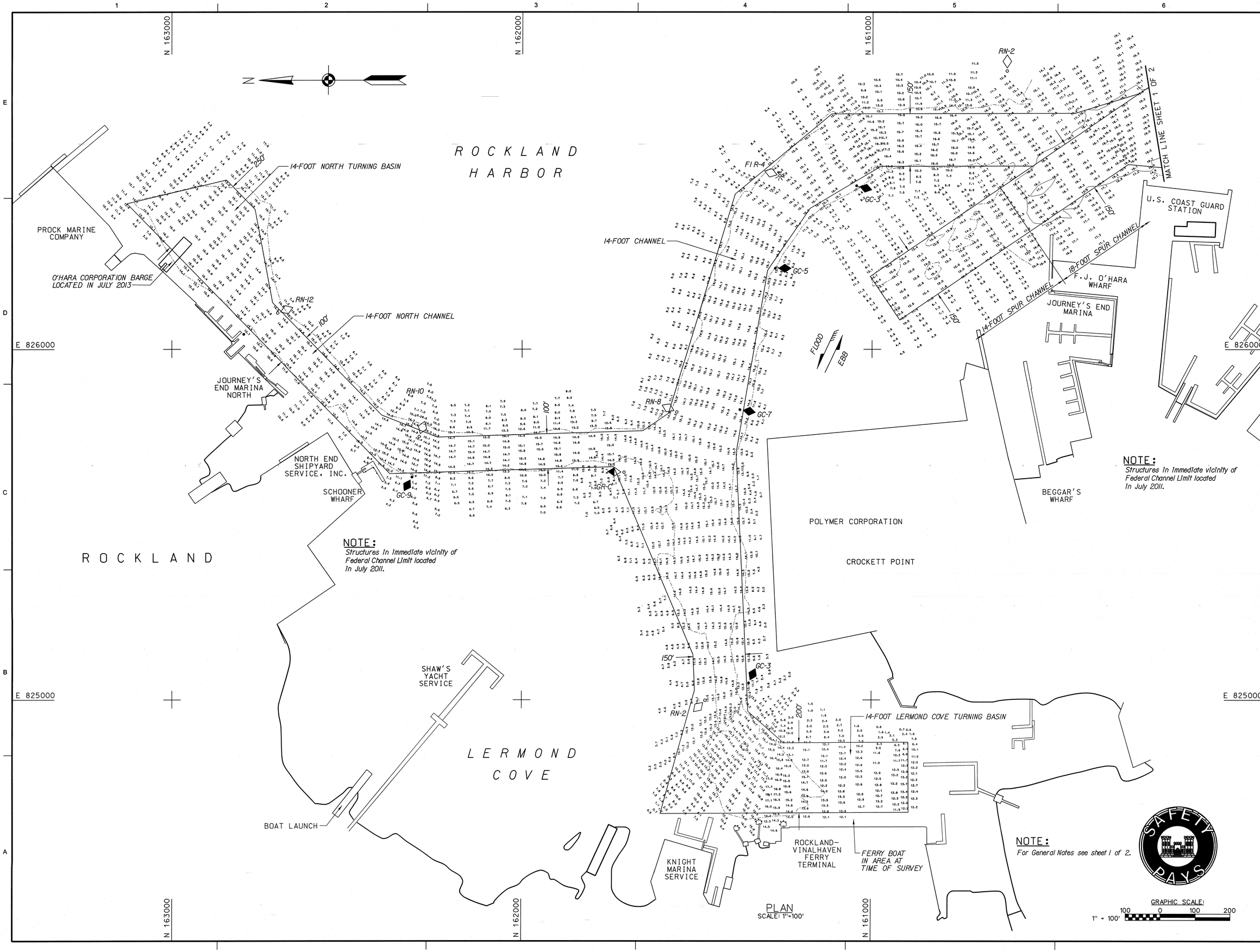
TRANSMITTED BY: Paul O'Brien Survey Section	DATE: 12/20/13
SUBMITTED BY: Collin Ewing Survey Section	DWN BY: SWK
	CKD BY: JWP
PLOT SCALE: 1" = 100'	PLOT DATE: 12/20/2013
SIZE: ANSI F	FILE NAME: ROC2735V101.551
	DRAWING CODE: ROC-2735

ROCKLAND HARBOR
ROCKLAND, MAINE
CONDITION SURVEY

14 AND 18-FOOT CHANNELS
14-FOOT TURNING BASINS

SHEET IDENTIFICATION
V-101
SHEET 1 OF 2



PLAN
SCALE: 1"=100'

US Army Corps of Engineers®
New England District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

DATE: 12/30/2013
DWN BY: SWK, SYK, KLE
CKD BY: JWP
DESIGN FILE: ROCKSP3.DGN
PLOT SCALE: 1" = 100'
PLOT DATE: 12/30/2013
DRAWING CODE: ROC-2785
SIZE: ANSI F
FILE NUMBER: ROC27350/192.552

REVIEWED BY: Anthony Paolella, Survey Section
SUBMITTED BY: Chief, Survey Section

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ROCKLAND HARBOR
ROCKLAND, MAINE
CONDITION SURVEY

14 AND 18-FOOT CHANNELS
14-FOOT TURNING BASINS

SHEET IDENTIFICATION
V-102
SHEET 2 OF 2