

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-316)**

DATE: **July 8, 2013**

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| TO: | FROM: |
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| RIVER/HARBOR NAME AND STATE: Little Narragansett Bay and Watch Hill Cove, RI/CT, Dwg. No. LNB-613, Sheets 1-6 of 6, Dated 8 July 2013 | MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD |
|---|---|

| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | LEFT OUTSIDE QUARTER (feet) | MIDDLE HALF (feet) | RIGHT OUTSIDE QUARTER (feet) |
|--|----------------|--------------------|-------------------------|-------------------|-----------------------------|----------------------|------------------------------|
| | | WIDTH (feet) | LENGTH Nautical (miles) | MLLW DEPTH (feet) | | | |
| <u>CONDITION SURVEY</u> | | | | | | | |
| <u>LITTLE NARRAGANSETT BAY</u> | | | | | | | |
| <u>10-Foot Channel</u> | | | | | | | |
| From about 100' upstream of Buoy RN-4 upstream 1,000' | 4/13 | 100 | .16 | 10.0 | 8.1 | 7.1 | 6.7 |
| Thence upstream 500' (about 150' upstream of Buoy GC-5) | 4/13 | 100 | .08 | 10.0 | (1) +6.5 | (1) +7.2 | (1) +8.8 |
| Thence upstream 1,050' (about 175' upstream of Buoy GC-7) | 4/13 | 100 | .17 | 10.0 | 5.3 | 4.5 | 3.8 |
| Thence upstream 8,985' (about 250' seaward of Buoy RN-20) | 6/12 | 100 | 1.48 | 10.0 | 8.9 | 7.9 | 7.3 |
| <u>WATCH HILL COVE</u> | | | | | | | |
| <u>10-Foot Channel</u> | | | | | | | |
| From about 520' seaward of Buoy GC-1 upstream 1,370' to 10' Anchorage Basin at Watch Hill Cove | 6/12 | 100 | .23 | 10.0 | 8.9 | 6.3 | (2) 4.7 |
| <u>10-Foot Anchorage Basin</u> | | | | | | | |
| | 6/12 | | 11.0 acres | 10.0 | | (3) 9.8 Available | |

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Topographic survey in this area indicates shoaling conditions due to erosion from Sandy Point.
- (2). Except for shoaling to 1.3' within 5' of western channel limit upstream of Buoy RN-4.
- (3). Except for shoaling to 8.7' within 50' of south and southwestern anchorage limit.