| REPORT OF CHANNEL CONDITIONS<br>(FOR CHANNELS 400 FEET WIDE OR GREATER) | PAGE 1 OF 1 PAGE |
|---|---|
| | DATE 17 February 2021 |

| TO: The Record | FROM: U.S. Army Corps of Engineers<br>26 Federal Plaza, ATTN: CENAN-OP-ST<br>New York, NY 10278-0090 |
|---|---|

| RIVER/HARBOR NAME AND STATE: New York & New Jersey Harbor; Newark Bay - Port Elizabeth South Reaches | MINIMUM DEPTHS IN EACH ¼ WIDTH OF CHANNEL ENTERING FROM SEAWARD | | | |
|---|---|---|---|---|

| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | LEFT OUTSIDE QUARTER (feet) | MID-CHANNEL | | RIGHT OUTSIDE QUARTER (feet) |
|---|---|---|---|---|---|---|---|---|
| | | WIDTH (feet) | LENGTH (nmiles) | DEPTH (feet) | | LEFT INSIDE QUARTER (feet) | RIGHT INSIDE QUARTER (feet) | |
| **NEWARK BAY PORT ELIZABETH South Reaches of New York & New Jersey Harbor** | | | | | | | | |
| **Reach I – Port Elizabeth South Reach (East):** From approximately 5 feet seaward of GREEN CAN #1 FLOOD, to a point approximately 1,530 feet landward of the same. | File 5032/N1, Pg 1 of 1; 27 January 2021 | 515-500 | 0.26 | 50 | 48.0 | 48.5 | 48.8 | 48.3 |
| **Reach I1 – Port Elizabeth South Reach (West):** From the end of Reach I at a point approximately 1,530 feet landward of GREEN CAN #1 FLOOD, to the end of the port at a point approximately 2,625 feet landward of GREEN CAN #1 FLOOD. | File 5032/N1, Pg 1 of 1; 27 January 2021 | 500-100 | 0.17 | 45 | 39.9 | 39.8 | 40.4 | 40.4 |

**REMARKS:**
- All reported depths are relative to the Mean Lower Low Water (MLLW) datum.
- Channel reach lengths are in nautical miles.

**PORT ELIZABETH South Reaches**

**Reach I – Port Elizabeth South Reach (East):**

- Much of the shoaling exists in the Left Outside and Left Inside Quarters of this reach, encroaching into the Right Inside Quarter. Shoaling also exists in the Right Outside Quarter. The controlling depth of -48.0 feet MLLW exists in the Left Outside Quarter at a point approximately 45 feet landward of the beginning of this reach.

**Reach I1 – Port Elizabeth South Reach (West):**

- Shoaling exists across much of this entire reach, in all four quarters of the channel. The controlling depth of -39.8 feet MLLW exists in the Left Inside Quarter of this reach, approximately 400 feet seaward of the end of this reach.

**ENG FORM 4020-R, Nov 90**    EDITION OF JUL 59 IS OBSOLETE    (Proponent: CECW-OM)