

Chart 11346

NM 49/09

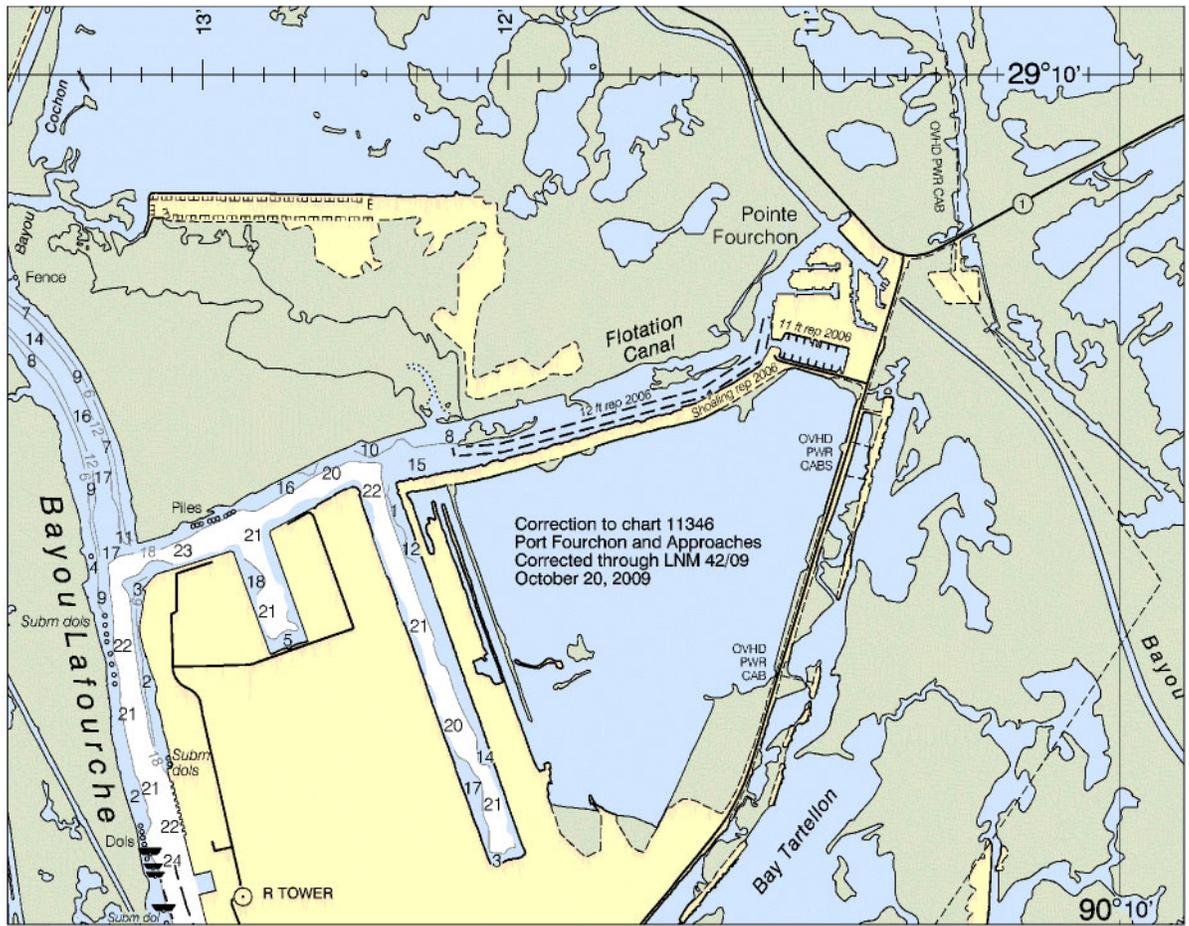


Chart 11346 (Inset)

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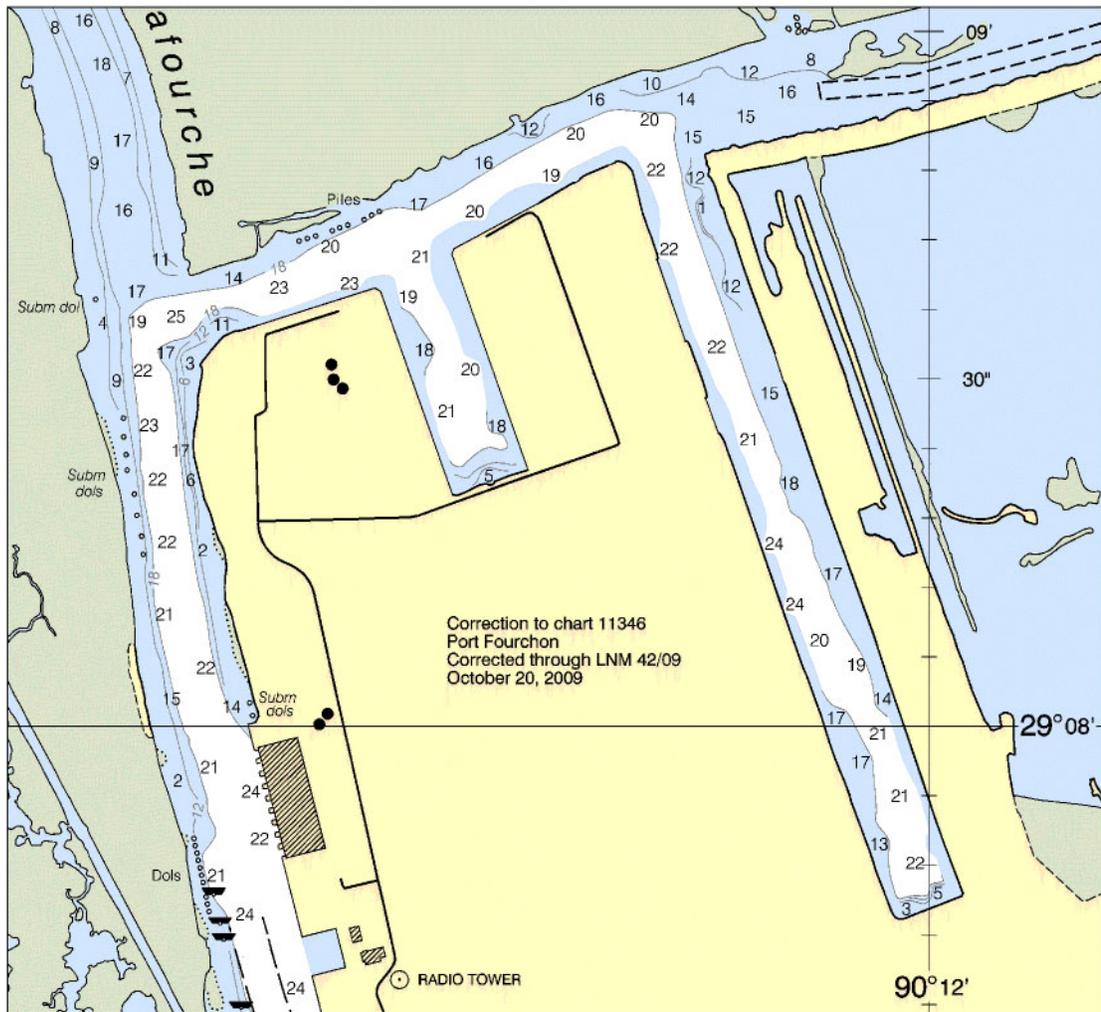


Chart 11365 (Side B)

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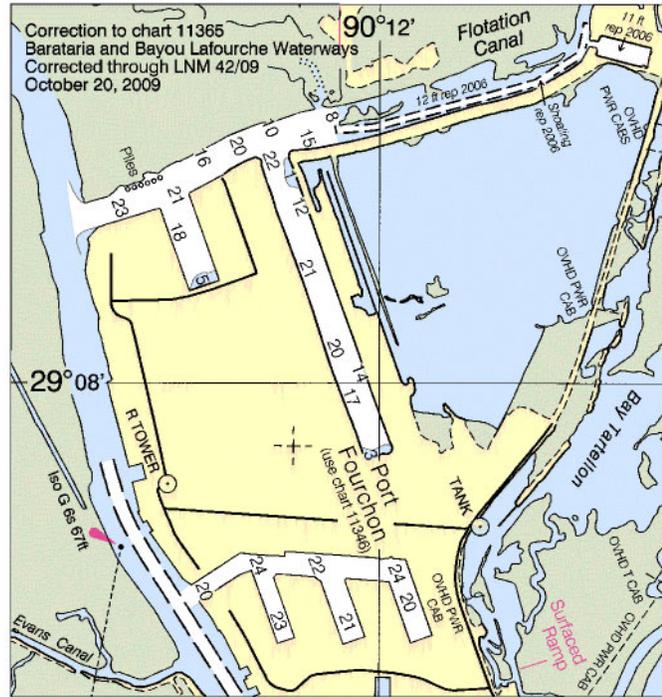


Chart 14842 (Page 8)

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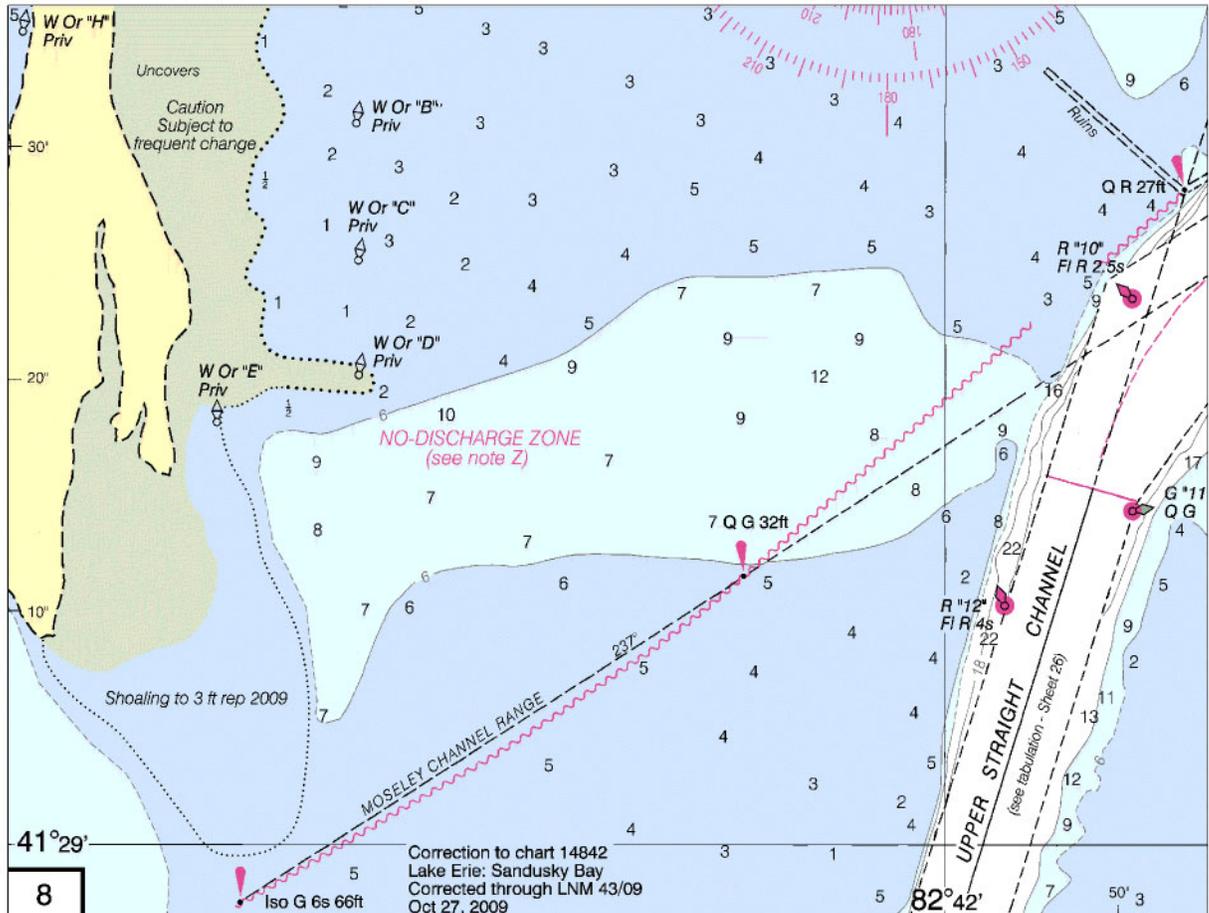
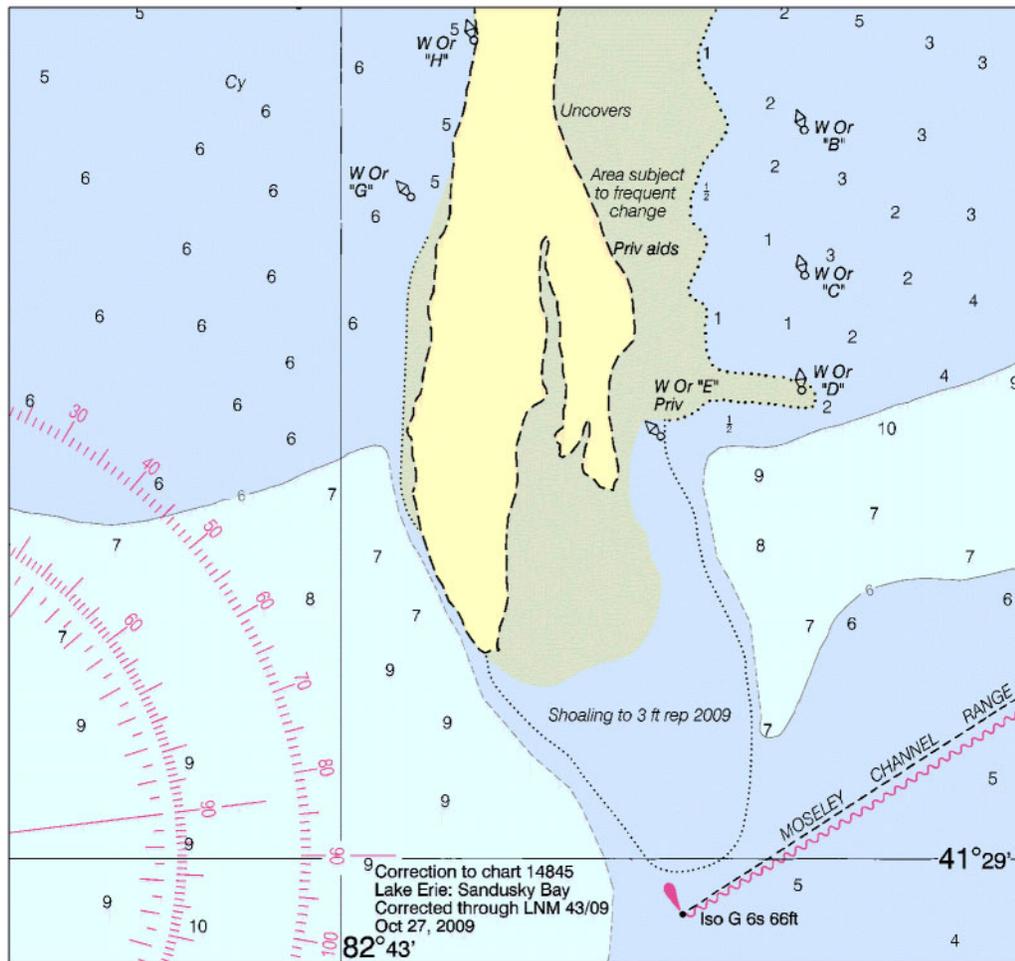


Chart 14845

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SECTION I

NM 49/09

Chart 11324

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GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
<b>GALVESTON HARBOR:</b>								
ENTRANCE CHANNEL	45.0	47.0	46.0	43.0	8-09	800-1000	7.5	47
OUTER BAR CHANNEL	40.0	45.0	48.0	47.0	5-09	800	1.5	47
INNER BAR CHANNEL	41.0	45.0	46.0	38.0	5-09	800	2.9	47
BOLIVAR ROADS CHANNEL	47.0	49.0	46.0	45.0	5-09	800	0.7	47
<b>HOUSTON SHIP CHANNEL:</b>								
BOLIVAR ROADS TO LOWER END OF MORGAN PT.	33.0	45.0	43.0	34.0	7,8-09	400-530	22.8	45
GALVESTON CHANNEL	12.9	29.4	27.7	14.3	9-09	1125-1075	3.5	40
BOLIVAR ROADS TO TURNING BASIN	34.4	39.1	41.8	37.8	7-09	400	5.9	40
TEXAS CITY TURNING BASIN	44.1	47.3	47.4	42.5	6-09	1200	0.7	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11332

NM 49/09

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	36.4	37.1	39.8	33.5	5-09	800	12.8	42
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.0	42
JETTY CHANNEL	32.2	43.8	41.9	31.8	4-09	800-500	3.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11341

NM 49/09

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	36.4	37.1	39.8	33.5	5-09	800	12.8	42
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.0	42
JETTY CHANNEL	32.2	43.8	41.9	31.8	4-09	800-500	3.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11342

NM 49/09

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.0	42
JETTY CHANNEL	32.2	43.8	41.9	31.8	4-09	800-500	3.5	40
PASS CHANNEL	27.4	35.4	41.2	21.1	4-09	500-1150	4.9	40
ANCHORAGE BASIN	35.0	23.0	13.1	0.5	4-09	1500	1.4	40
PORT ARTHUR SHIP CANAL	34.5	39.5	38.1	31.1	4-09	500	4.8	40
JUNCTION PORT ARTHUR-								
SABINE NECHES CANALS	34.7	40.0	34.3	32.4	8-09	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR								
TURNING BASINS	36.3	38.5	36.9	36.3	8-09	282-735	0.3	40
EAST TURNING BASIN	38.3	37.9	37.9	37.4	8-09	370-547	0.3	40
WEST TURNING BASIN	36.1	36.9	38.2	33.2	8-09	350-735	0.3	40
CHANNEL CONNECTING								
WEST BASIN AND								
TAYLOR BAYOU TURNING BASIN	31.4	41.3	39.7	38.0	8-09	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	35.5	40.6	40.8	40.8	8-09	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	29.5	36.0	36.9	29.6	5-09	400	9.6	40
NECHES RIVER TO SABINE RIVER	19.7	21.2	19.3	16.1	6-09	200	3.9	30
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. A DEPTH VALUE REFERRED TO MEAN LOW TIDE WOULD BE APPROXIMATELY ONE FOOT DEEPER WHEN REFERRED TO MEAN LOWER LOW WATER AT THE SABINE PASS NORTH TIDE GAGE, AT 29°43'42"N 093°52'12"W.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11475

NM 49/09

FORT PIERCE HARBOR							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT PIERCE INLET							
ENTRANCE RANGE	23.7	21.2	25.3	7-09	250-400	2.4	30
INNER RANGE	18.8	21.1	24.1	7-09	250-385	1.2	28
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 62271

NM 49/09

## CAUTIONS

1. The hydrography on this chart is incomplete. It is enlarged from a small scale survey as well as old and imperfect data. Until further survey work is carried out, mariners are advised to use the northern route only and navigate with extreme caution.
2. Only vessels under pilotage are allowed to enter this area.
3. The aids to navigation on this chart are reported to be unreliable. They may be missing, unlit or out of position.

Chart 62276

NM 49/09

**CAUTIONS**

1. Due to incomplete survey data, mariners are advised to use extreme caution when navigating these waters.
2. Only vessels under pilotage are allowed to enter this area.
3. The aids to navigation on this chart are reported to be unreliable. They may be missing, unlit or out of position.