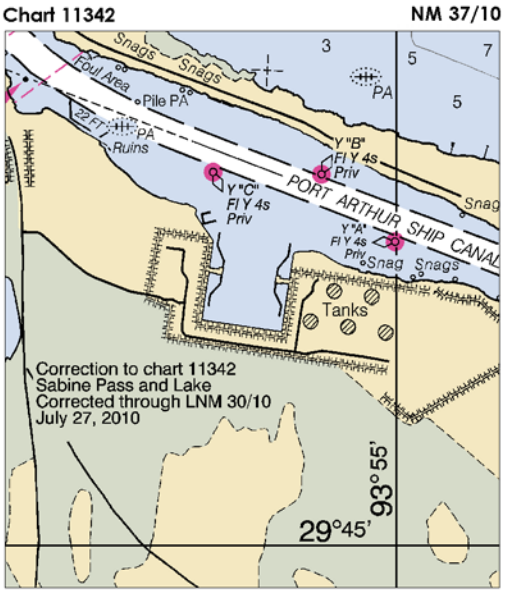
Chart 11342
NM 37/10
Snags
Snags
Foul Area
Pile PA
22 FT
PA
Ruins
PA
3
5
7
5
Y "B"
Fl Y 4s
Priv
Y "C"
Fl Y 4s
Priv
PORT ARTHUR SHIP CANAL
Snag
Y "A"
Fl Y 4s
Priv
Snag
Snags
Tanks
Correction to chart 11342
Sabine Pass and Lake
Corrected through LNM 30/10
July 27, 2010
93° 55'
29°45'

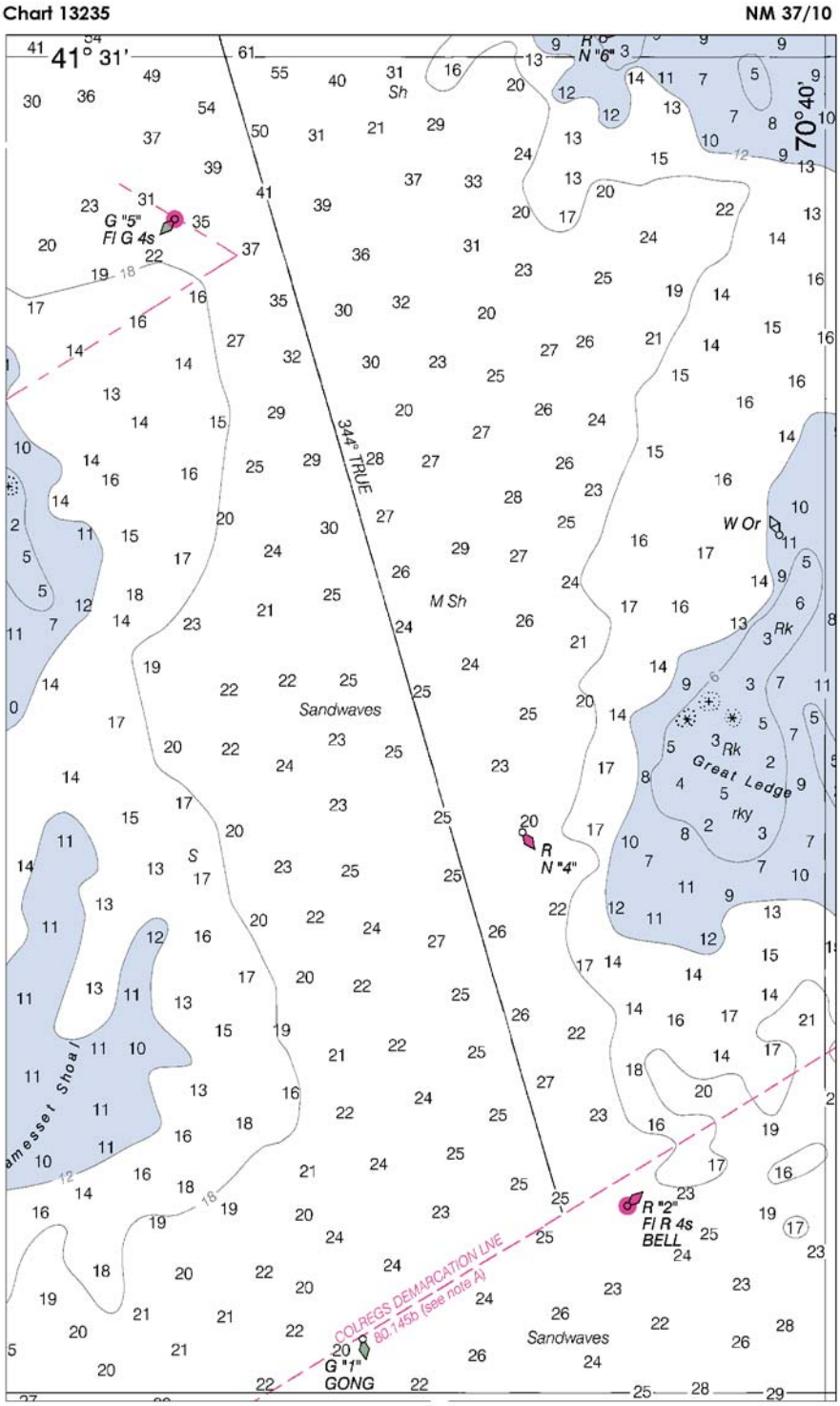
Chart 13235
NM 37/10
41° 31'
70°40'
G "5"
Fl G 4s
344° TRUE
Sandwaves
M Sh
W Or
Rk
Great Ledge
rky
R
N "4"
R "2"
Fl R 4s
BELL
COLREGS DEMARCATION LINE
80.145b (see note A)
G "1"
GONG
Sandwaves

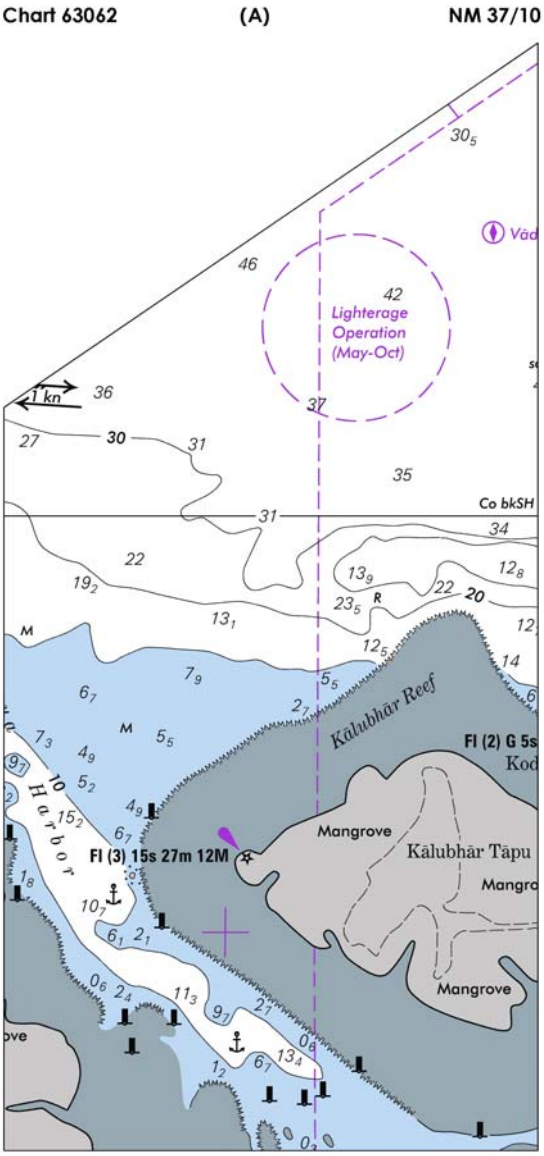
Chart 63062
(A)
NM 37/10
Lighterage Operation (May-Oct)
1 kn
Co bkSH
Kālubhār Reef
Fl (2) G 5s
Harbor
Fl (3) 15s 27m 12M
Mangrove
Kālubhār Tāpu
Mangrove

Chart 63062 (B) NM 37/10

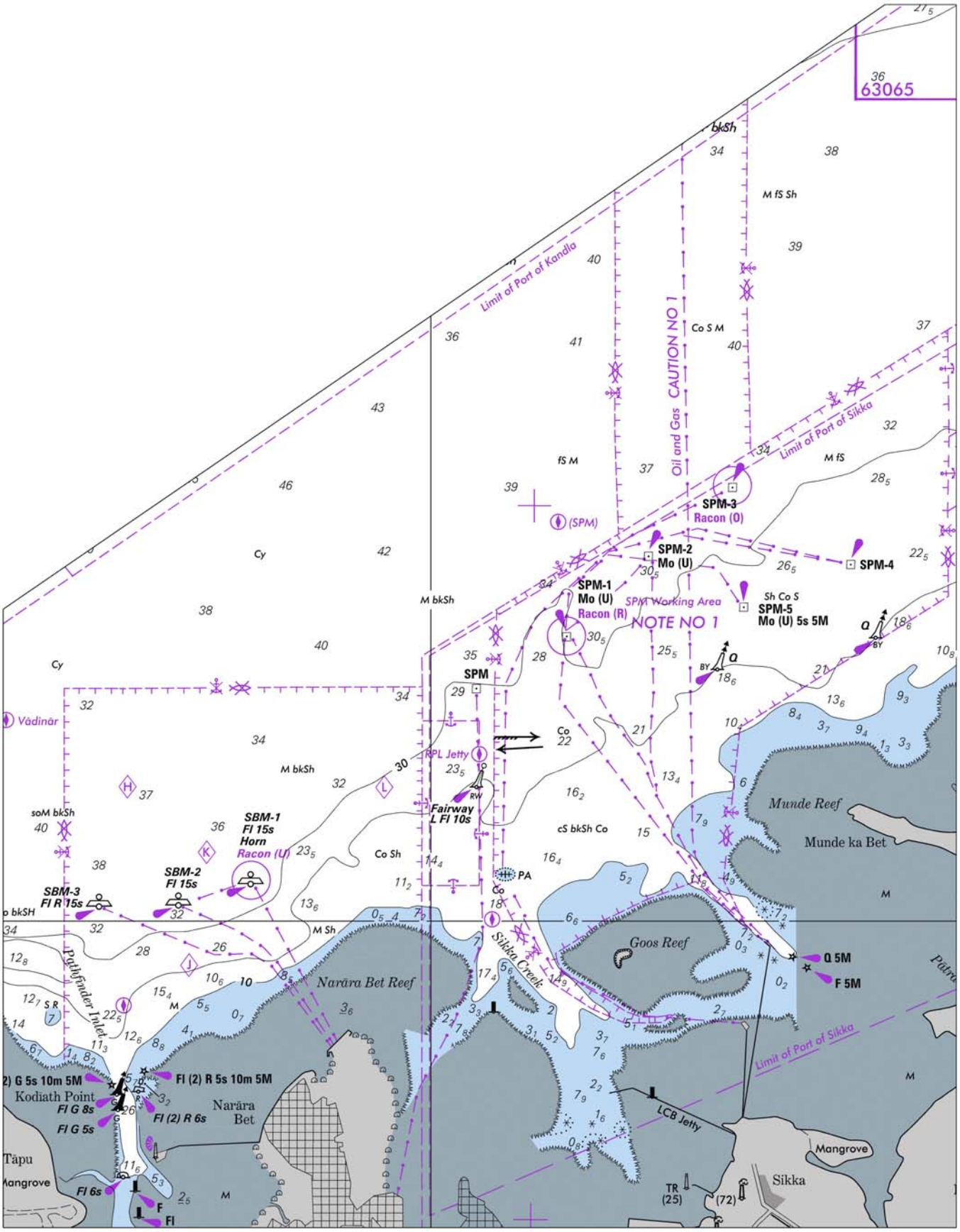

Chart 63062 (C) NM 37/10

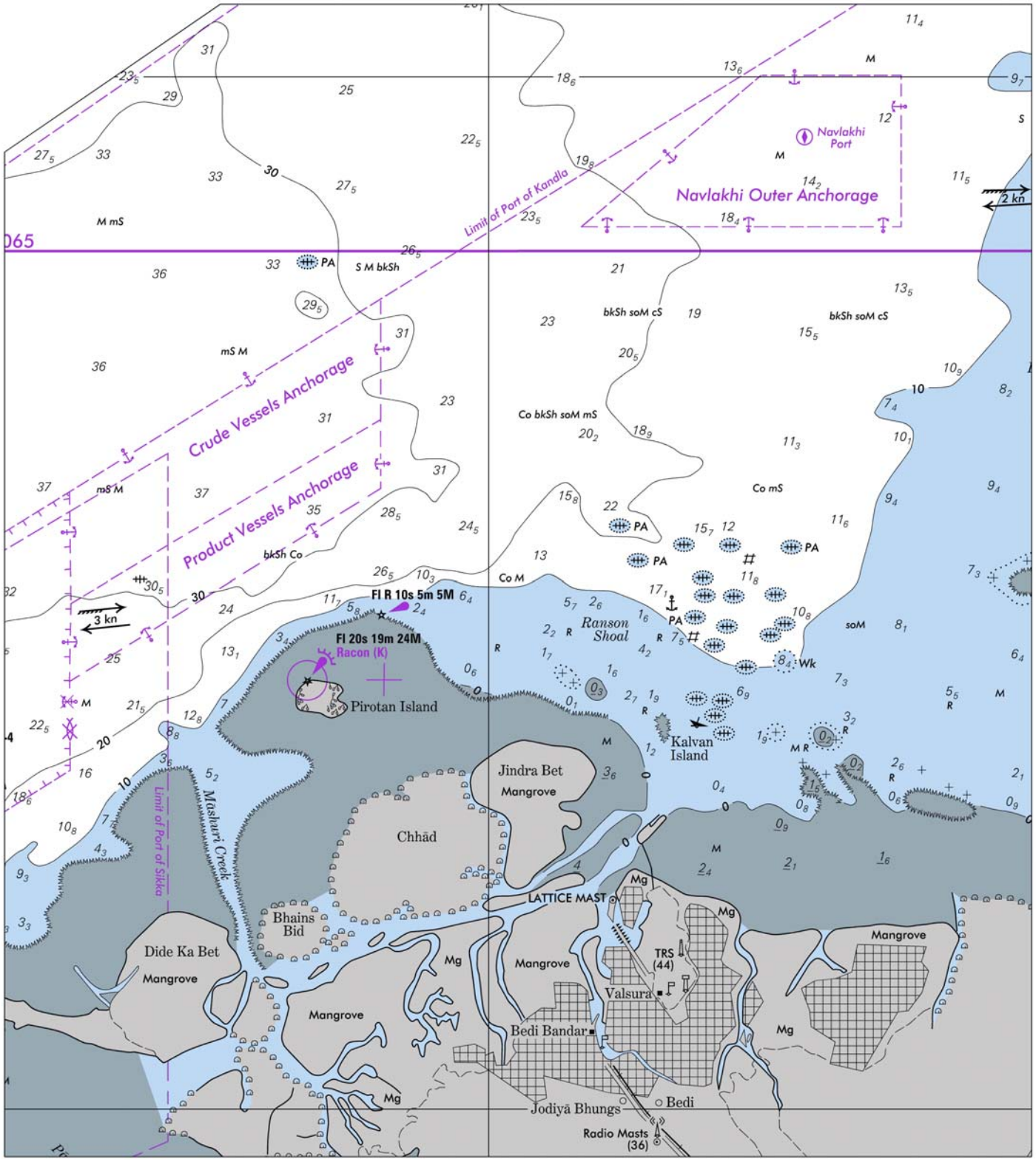

Chart 11376 NM 37/10

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO JUN 2010

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 (MILES)	DEPTH MLLW (FEET)
MOBILE BAR CHANNEL	43.3	46.1	43.8	5-10	600	8.1	47
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	40.8A	43.5	39.9	5-10	400	13.3	45
UPPER BAY	40.0	41.8	38.1	5-10	400	15.4	45
MOBILE RIVER:							
PINTO ISLAND REACH	35.5	39.1	31.8	6-10	700-775	0.6	40-45
MOBILE CHANNEL	33.4	39.7	35.8	6-10	600	1.8	40
MOBILE TURNING BASIN	37.9B	39.2	37.3C	6-10	740-1000	0.6	40
BLAKELEY ISLAND REACH	37.2	28.5	28.0D	6-10	500-1000	1.3	40
ST. LOUIS POINT REACH	18.2	24.8	21.2E	5-10	500	0.2	25
CHICKASAW CREEK CHANNEL	14.7	22.9	19.8	5-10	250	3.0	25
ARLINGTON CHANNEL	14.8	15.5	12.7	2-10	150	1.7	27
GARROWS BEND CHANNEL	5.1	6.2	6.6	2-10	150	1.3	27
OCEAN TERMINAL TURNING BASIN	14.8	15.3	12.3	11-08	600	0.1	27
THEODORE SHIP CHANNEL:							
BAY CUT	38.8	39.9	38.1	5-10	400	5.3	40
ANCHORAGE AREA	40.0F	40.0	40.0	5-10	300	0.2	40
LAND CUT	39.8	40.0	40.0	5-10	300	1.7	40
TURNING BASIN	40.0G	36.8	34.3	5-10	1400	0.3	40
BARGE CHANNEL	9.5	10.3	9.5	4-10	100	1.2	12

A. EXCEPT FOR SHOALING TO 39.1 IN BEND WIDENING AREA.
B. EXCEPT FOR SHOALING TO 36.7 IN BEND WIDENING AREA.
C. EXCEPT FOR SHOALING TO 37.0 IN BEND WIDENING AREA.
D. SHOALING EXISTS AT NORTH END OF PROJECT BY COCHRAN BRIDGE.
E. EXCEPT FOR SHOALING TO 20.1 IN BEND WIDENING AREA.
F. EXCEPT FOR SHOALING TO 39.1 IN BEND WIDENING AREA.
G. EXCEPT FOR SHOALING TO 38.5 AT WESTERN END.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11377 NM 37/10

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO MAY 2010

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 (MILES)	DEPTH MLLW (FEET)
MOBILE BAR CHANNEL	43.3	46.1	43.8	5-10	600	8.1	47
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	40.8A	43.5	39.9	5-10	400	13.3	45
UPPER BAY	40.0	41.8	38.1	5-10	400	15.4	45
THEODORE SHIP CHANNEL:							
BAY CUT	38.8	39.9	38.1	5-10	400	5.3	40

A. EXCEPT FOR SHOALING TO 39.1 IN BEND WIDENING AREA.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11380 NM 37/10

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 SURVEYS TO MAY 2010

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 (MILES)	DEPTH MLLW (FEET)
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	40.8A	43.5	39.9	5-10	400	13.3	45
UPPER BAY	40.0	41.8	38.1	5-10	400	15.4	45
THEODORE SHIP CHANNEL:							
BAY CUT	38.8	39.9	38.1	5-10	400	5.3	40
ANCHORAGE AREA	40.0B	40.0	40.0	5-10	300	0.2	40
LAND CUT	39.8	40.0	40.0	5-10	300	1.7	40
TURNING BASIN	40.0C	36.8	34.3	5-10	1400	0.3	40
BARGE CHANNEL	9.5	10.3	9.5	4-10	100	1.2	12

A. EXCEPT FOR SHOALING TO 39.1 IN THE BEND WIDENING AREA.
B. EXCEPT FOR SHOALING TO 39.1 IN BEND WIDENING AREA.
C. EXCEPT FOR SHOALING TO 38.5 AT WESTERN END.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11490 (Upper Panel) NM 37/10

ST. JOHNS RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO MAY 2010

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)
ST. JOHNS BAR CUT RANGE, EAST SECTION	41.2	43.4	43.7	38.5	5-10	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	38.2	41.4	38.5	31.5	3-09; 3, 5-10	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	42.5	42.4	41.7	41.7	5-10	500	0.8	42
PILOT TOWN CUT RANGE	27.8	42.8	43.3	40.3	3-09	850-900	0.9	40

NOTES-(1) THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side A) NM 37/10

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006
AND SURVEYS TO MAY 2010

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)
ST. JOHNS BAR CUT RANGE, EAST SECTION	41.2	43.4	43.7	38.5	5-10	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	38.2	41.4	38.5	31.5	3-09; 3, 5-10	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	42.5	42.4	41.7	41.7	5-10	500	0.8	42
PILOT TOWN CUT RANGE	27.8	42.8	43.3	40.3	3-09	850-900	0.9	40
MAYPORT CUT RANGE	36.0	42.4	42.6	38.8	3-09	1025	0.5	40
SHERMAN CUT RANGE	42.7	42.7	43.1	37.9	3-09; 3-10	625	0.4	40
MILE POINT LOWER RANGE AND TURN	41.2	41.9	40.0	28.6	3-09; 3-10	625	0.8	40
TRAINING WALL REACH	41.4	41.3	41.9	35.8	3-09	475-625	1.2	40
SHORT CUT TURN	39.3	42.0	42.4	41.1	3-09	525-575	0.5	40
WHITE SHELLS CUT RANGE	39.3	41.8	42.0	39.5	3-09	525-900	0.7	40
ST. JOHNS BLUFF REACH	39.5	40.0	38.7	36.0	3-10	600-750	0.7	40
DAMES PT.-FULTON CUTOFF	38.1	39.3	39.8	38.9	3-09; 3-10	475-875	2.5	40
DAMES PT. TURN	39.9	42.3	42.1	38.3	3-09; 3-10	875-1175	0.4	40
QUARANTINE I. UPPER RANGE	39.1	41.5	42.0	32.6	3-09	525-950	0.8	40
BRILLS CUT RANGE	35.2	41.8	41.1	33.1	3-09	425-600	1.0	40
BROWARD POINT TURN	14.0	36.7	42.4	40.0	3-09	475-825	0.8	40
BLOUNT ISLAND CHANNEL	31.5	32.6	30.0	24.3	3-09; 3-10	300-1000	1.8	38
BLOUNT ISLAND EAST CHANNEL	20.4	21.8	17.4	14.2	3-09	300	0.9	30

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11505 NM 37/10

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	44.0	43.0	44.0	43.0	07-10	600	3.79	44
BLOODY POINT RANGE	43.5	44.5	44.5	44.0	07-10	600	3.41	44
JONES ISLAND RANGE	42.5	43.5	44.0	44.5	07-10	600	1.33	44
TYBEE KNOLL CUT RANGE	44.0	44.0	44.0	42.5	07-10	500	2.84	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11512 NM 37/10

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	44.0	43.0	44.0	43.0	07-10	600	3.79	44
BLOODY POINT RANGE	43.5	44.5	44.5	44.0	07-10	600	3.41	44
JONES ISLAND RANGE	42.5	43.5	44.0	44.5	07-10	600	1.33	44
TYBEE KNOLL CUT RANGE	44.0	44.0	44.0	42.5	07-10	500	2.84	42
NEW CHANNEL RANGE (A)	43.5	42.5	43.5	43.0	07-10	500	1.89	42
L. I. CROSSING RANGE	41.0	42.0	43.0	43.0	07-10	500	3.03	42
LOWER FLATS RANGE	41.5	45.5	45.0	43.0	07-10	500	1.52	42
UPPER FLATS RANGE	43.0	45.0	46.0	43.5	07-10	500	1.33	42
THE BIGHT CHANNEL	45.0	46.5	47.0	47.0	07-10	500	1.7	42
FT. JACKSON RANGE	44.5	47.0	47.0	43.5	07-10	500	0.76	42
OGLETHORPE RANGE	41.0	46.0	46.0	42.5	07-10	500	1.33	42
WRECKS CHANNEL (B)	41.0	44.5	46.5	42.5	07-10	500	1.7	42
CITY FRONT CHANNEL	42.0	45.0	44.5G	38.5	07-10	500	1.7	42
MARSH ISLAND CHANNEL (C)	40.5H	43.0	44.0	40.0	07-10	500	1.9	42
KINGS ISLAND CHANNEL (D)	38.0	42.0	42.5	39.5I	07-10	500	2.46	42
WHITEHALL CHANNEL (E)	33.5	34.0	33.5	34.0	07-10	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	30.0	30.0	32.0	12-94; 07-10	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 39.0 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 26.0 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 42.5 FT, 47.5 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 28.5 FT, 19.0 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11514 (Side A) NM 37/10

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
OGLETHORPE RANGE	41.0	46.0	46.0	42.5	07-10	500	1.33	42
WRECKS CHANNEL (A)	41.0	44.5	46.5	42.5	07-10	500	1.7	42
CITY FRONT CHANNEL	42.0	45.0	44.5F	38.5	07-10	500	1.7	42
MARSH ISLAND CHANNEL (B)	40.5G	43.0	44.0	40.0	07-10	500	1.9	42
KINGS ISLAND CHANNEL (C)	38.0	42.0	42.5	39.5H	07-10	500	2.46	42
WHITEHALL CHANNEL (D)	33.5	34.0	33.5	34.0	07-10	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	30.0	30.0	32.0	12-94; 07-10	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 26.0 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 42.5 FT, 47.5 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 28.5 FT, 19.0 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11521 NM 37/10

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.1	48.5	48.9	47.3	7-10	1000	17.5	A47
MOUNT PLEASANT RANGE	46.2	48.7	49.9	48.7	4-10	1000-600	1.8	A45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11523 NM 37/10

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.1	48.5	48.9	47.3	7-10	1000	17.5	A47
MOUNT PLEASANT RANGE	46.2	48.7	49.9	48.7	4-10	1000-600	1.8	A45
REBELLION REACH	46.3	49.2	49.2	47.3	4-10	600	1.6	45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11524 NM 37/10

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	48.1	48.5	48.9	47.3	7-10	1000	17.5	A47
MOUNT PLEASANT RANGE	46.2	48.7	49.9	48.7	4-10	1000-600	1.8	A45
REBELLION REACH	46.3	49.2	49.2	47.3	4-10	600	1.6	45
BENNIS REACH	46.1	48.2	48.1	47.9	4-10	600	1.5	45
HORSE REACH	50.0	49.9	49.7	45.4	4-10	800	0.6	45
CUSTOMHOUSE REACH	35.0	49.0	48.0	47.0	4-10	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	B24.3	10-96; 7-04;9-08;6-09	600-1000	3.6	45
HOG ISLAND REACH	47.5	47.0	47.1	46.0	5-10	600	1.6	45
DRUM ISLAND REACH	42.1	48.0	48.9	46.3	11-09	1200-600	0.8	45
TIDEWATER REACH	35.1	35.7	35.0	34.6	4-10	650	0.7	40
TOWN CREEK LOWER REACH	37.2	41.8	45.7	44.6	4-10	450-400	1.1	45
TOWN CREEK LOWER REACH TB	38.7	38.5	38.5	37.2	2-10	300	0.25	35
TOWN CREEK UPPER REACH	35.2	40.2	40.9	40.5	11-01; 5-02	250	1.0	16
MYERS BEND	49.3	48.4	47.7	41.7	3-10	900-1500	0.5	45
DANIEL ISLAND REACH	44.5	45.6	39.3	38.1	3-10	880	1.4	45
DANIEL ISLAND BEND	49.1	49.2	51.0	49.5	3-10	800-700	0.5	45
CLOUTER CREEK REACH	46.9	47.4	47.3	44.9	3-10	600	1.3	45
NAVY YARD REACH	44.9	47.6	46.6	42.4	3-10	600-700	1.1	45
NORTH CHARLESTON REACH	46.3	48.6	48.1	47.1	3-10	500-600	1.0	45
FILBIN CREEK REACH	44.4	47.9	48.2	47.7	3-10	500	0.9	45
PORT TERMINAL REACH	44.0	47.8	48.4	46.8	3-10	600	0.7	45
ORDNANCE REACH	40.9	40.2	43.4	44.7	3-10	600	0.4	45
ORDNANCE REACH TURNING BASIN	46.1	37.6	35.5	35.5	3-10	800	0.4	45
WANDO RIVER								
LOWER REACH	45.7	47.4	47.7	45.3	1-10	1500-400	1.4	45
UPPER REACH	46.1	46.1	45.4	43.5	1-10	850-600	0.9	45
TURNING BASIN	47.5	49.3	48.3	48.0	1-10	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	23.4	28.2	26.7	24.6	2-07; 1-10; 5-10	1200-300	1.2	30
LOWER TURNING BASIN	39.3	40.5	42.8	39.5	2-07; 1-10; 5-10	700	0.2	38
UPPER TURNING BASIN	14.0	21.0	19.5	19.6	2-07; 5-10	600	0.2	30
COOPER RIVER								
RANGE A	39.0	39.7	38.7	37.9	7,8-98; 10-03; 3-10	400-1350	1.2	35
RANGE B	18.6	23.1	35.1	33.5	12-99; 10-03; 3-10	VARIES	0.9	35
RANGE C	20.6	C24.6	38.9	36.5	12-03; 3-10	VARIES	0.9	35
RANGE D	29.8	29.5	29.0	26.4	3-10	VARIES	0.7	35
RANGE E	31.1	36.6	38.0	35.8	3-10	VARIES	0.4	35
RANGE F	25.0	35.3	37.5	34.6	1-95; 3-10	VARIES	0.3	35

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
B. ALONG CHANNEL EDGE.
C. OBSTRUCTION LOCATED WITH A DEPTH OF 35 FEET, AT 32°55'15.6"N; 79°55'55.7"W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11527 NM 37/10

COOPER RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2000
AND SURVEYS TO MAR 2010

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 (MILES)	DEPTH MLLW (FEET)
COOPER RIVER								
RANGE A	39.0	39.7	38.7	37.9	7,8-98;10-03; 3-10	400-1350	1.02	35
RANGE B	18.6	23.1	35.1	33.5	12-99;10-03;3-10	VARIES	.74	35
RANGE C	20.6	A24.6	38.9	36.5	12-03;3-10	VARIES	.76	35
RANGE D	29.8	29.5	29.0	26.4	3-10	VARIES	.58	35
RANGE E	31.1	36.6	38.0	35.8	3-10	VARIES	.38	35
RANGE F	25.0	35.3	37.5	34.6	1-95; 3-10	VARIES	.29	35

A. OBSTRUCTION LOCATED WITH A DEPTH OF 35 FEET, AT 32°55'15.6"N; 79°55'55.7"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11532 NM 37/10

WINYAH BAY AND GEORGETOWN HARBOR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2010 AND SURVEYS TO JUL 2010

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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	25.4	25.0	23.1	16.6	7-10	600	2.4	27
RANGE B	25.6	28.6	30.1	28.3	7-10	600	1.0	27
SOUTH ISLAND BEND	28.3	16.8	A	A	7-10	600	1.2	27
RANGE C	19.0	19.7	19.7	26.3	7-10	400	1.7	27
RANGE D	27.1	28.6	28.6	28.4	7-10	400B	1.7	27
RANGE E	23.1	23.7	23.7	23.4	7-10	400B	5.7	27
FRAZIER PT. BEND	23.3	22.1	22.1	22.1	7-10	400B	0.7	27
RABBIT ISLAND CHANNEL	25.0	24.8	24.8	24.8	7-10	400B	2.2	27
SAMPIT RIVER CHANNEL	13.1	11.4	11.4	11.0	7-10	400B	1.3	27
STEELMILL CHANNEL	15.6	17.4	17.4	11.2	7-10	VARIES	0.3	27
PAPERMILL CHANNEL	17.6	18.6	18.6	22.6	7-10	VARIES	0.3	27
BYPASS CHANNEL	——	8.7	8.7	——	7-10	100	1.2	12

(A) NO SOUNDINGS BECAUSE OF SEVERE SHOALING. BUOYS MARK THE DEEPER WATER.
(B) MAINTAINED 300'

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14836 NM 37/10

ASHTABULA RIVER AND HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008

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 FEET	DEPTH MLLW (FEET)
ASHTABULA HARBOR (AREA)								
LAKE APPROACH CHANNEL (A)	14.7	29.0	27.9	12.2	5-09	600	*	29
OUTER HARBOR (B)	17.6	25.5	25.4	9.5	6-08; 5-09	600-1400	2600 (b)	28
INNER HARBOR TO MINNESOTA SLIP (C)	14.2	14.8	10.1	0.3	6-08; 5-09	2000	300-1100	27
TURNING BASIN AND MOORING AREA (D)	11.8	16.4	15.9	14.7	6-08; 5-09	1200	1300 (b)	22*
ACCESS TO THE EAST BASIN (E)	14.9	9.1	8.6	3.4	6-08; 5-09	700-1200	3100	28

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 FEET	DEPTH MLLW (FEET)
ASHTABULA RIVER CHANNEL (AREA)							
FIRST 2000 FEET (F)	9.6	11.9	5.1	6-08; 5-09	230-170	2000	27
THENCE TO FIFTH ST BRIDGE (G)	17.1	18.0	18.0	5-09	100-150	1880	18*
THENCE TO UPSTREAM END OF UPPER TURNING BASIN (GG)	11.2	2.5	4.6	5-08; 5-09	100-250	1370	18*
THENCE TO OLD CAR FERRY DOCKS (H)	13.0	12.1	10.6	5-09	100-200	3600	16*
UPPER TURNING BASIN (I)	14.5	15.2	15.5	5-08; 5-09	400	450	16*
THENCE TO THE END OF PROJECT (J)	0.2	0.3	1.2	5-08; 5-09	100	1551	16*

* - NOT MAINTAINED
(b) - IRREGULARLY SHAPED, CONSULT THE CORPS OF ENGINEERS
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18521 NM 37/10

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 10, 2010

* SEE FOOTNOTES						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ENTRANCE RANGE	54	48	47	43	4-10	640	3.3	48
SAND ISLAND RANGE	52	51	47	43	4-10	640	2.2	48
LOWER DESDEMONA SHOAL	45	47	49	48	4-10	600	3.4	40
UPPER DESDEMONA SHOAL	41	44	45	44	4-10	600	3.6	40
TANSY POINT TURN AND RANGE	40	43	44	34	3,4-10	600	4.8	40
ASTORIA RANGE	41	43	43	43	3-10	600	2.7	40
TONGUE POINT CHANNEL	43	44	44	43	3-10	600	2.2	40
HARRINGTON POINT RANGE	43	43	42	36	3-10	600	2.6	40
MILLER SANDS RANGE	44	46	43	39	3-10	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18523 NM 37/10

COLUMBIA RIVER CHANNEL DEPTHS
MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 10, 2010

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
MILLER SANDS RANGE	44	46	43	39	3-10	600	2.2	40
PILLAR ROCK LOWER RANGE	43	42	43	39	3-10	600	3.0	40
PILLAR ROCK UPPER RANGE	21	40	44	44	3-10	600	1.9	40
WELCH ISLAND REACH	47	48	45	38	3-10	600	3.2	40
SKAMOKAWA CHANNEL	42	43	40	38	5-10	600	3.3	40
STEAMBOAT REACH	48	47	46	42	3,5-10	600	1.4	40
PUGET ISLAND RANGE AND TURN	42	45	42	38	3-10	600	3.5	40
WAUNA RANGE	40	42	40	38	4-10	600	2.0	40
DRISCOLL RANGE	40	41	43	42	4-10	600	1.7	40
WESTPORT TURN AND RANGE	41	42	43	46	4-10	600	2.0	40
WESTPORT CHANNEL	35	41	42	40	4,5-10	600	2.4	40
EUREKA LOWER CHANNEL	44	46	44	45	5-10	600	2.1	40
EUREKA UPPER CHANNEL	43	44	43	41	5-10	600	0.8	40
OAK POINT CHANNEL	46	46	45	43	5-10	600	3.0	40
GULL ISLAND TURN AND CHANNEL	48	48	46	42	5-10	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

Chart 18524 (Left Panel) NM 37/10

COLUMBIA RIVER CHANNEL DEPTHS
GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 10, 2010

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
GULL ISLAND TURN AND CHANNEL	48	48	46	42	5-10	600	2.2	40
STELLA RANGE	40	42	42	39	5-10	600	3.0	40
FISHER ISLAND CHANNEL	43	43	44	41	5-10	600	0.8	40
WALKER ISLAND CHANNEL	41	43	41	37	5-10	600	1.4	40
BARLOW POINT CHANNEL	46	47	47	46	5-10	600	1.6	40
SLAUGHTERS CHANNEL	42	43	45	43	5-10	600	2.2	40
SLAUGHTERS TURN AND TURN BASIN	40	42	40	38	5-10	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	39	41	41	41	5-10	600	1.7	40
COTTONWOOD ISLAND TURN	37	45	43	40	5-10	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE	43	44	44	44	5-10	600	1.6	40
KALAMA LOWER RANGE	44	39	43	38	5-10	600	1.8	40
KALAMA UPPER RANGE	40	41	42	41	5-10	600	2.2	40
BYBEE LEDGE CHANNEL	42	41	43	43	5-10	600	2.1	40
MARTIN ISLAND CHANNEL	43	45	43	41	5-10	600	2.0	40
MARTIN ISLAND RANGE	41	45	44	45	5-10	600	1.4	40
COLUMBIA CITY CHANNEL	41	43	41	44	5-10	600	1.2	40
ST. HELENS RANGE	43	45	43	41	5-10	600	2.0	40
ST. HELENS TURN	36	42	42	41	4,5-10	600	1.7	40

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18525 NM 37/10

COLUMBIA RIVER CHANNEL DEPTHS
SAINT HELENS TURN TO TOMAHAWK BAR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 10, 2010

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ST. HELENS TURN	36	42	42	41	4,5-10	600	1.7	40
WARRIOR ROCK RANGE	44	45	49	48	4-10	600	1.3	40
DUCK CLUB TURN	44	46	45	45	4-10	600	1.4	40
HENRICI RANGE	40	44	43	42	5-10	600	2.6	40
FALES CHANNEL	45	45	44	42	5-10	600	1.1	40
KNAPP POINT CHANNEL	45	45	44	40	5-10	600	1.8	40
WILLOW LOWER RANGE	40	43	42	43	5-10	600	2.1	40
WILLOW UPPER RANGE	41	44	45	46	5-10	600	1.1	40
MORGAN BAR	44	49	50	50	5-10	600	1.0	40
MORGAN CHANNEL	46	46	45	41	5-10	600	1.5	40
VANCOUVER LOWER CHANNEL	48	48	48	50	5-10	500	1.0	40
VANCOUVER RANGE	45	44	44	43	5-10	500	1.3	40
VANCOUVER UPPER CHANNEL	43	46	44	42	5-10	500	0.9	40
VANCOUVER LOWER TURNING BASIN	32	38	44	43	4-10	800	1.0	40
VANCOUVER UPPER TURNING BASIN	32	27	26	25	4-10	800	0.9	35
TOMAHAWK BAR	16	17	17	18	4-09	300	3.7	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18526 NM 37/10

COLUMBIA RIVER CHANNEL DEPTHS
MORGAN CHANNEL TO TOMAHAWK BAR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 10, 2010

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
MORGAN CHANNEL	46	46	45	41	5-10	600	1.5	40
VANCOUVER LOWER CHANNEL	48	48	48	50	5-10	500	1.0	40
VANCOUVER RANGE	45	44	44	43	5-10	500	1.3	40
VANCOUVER UPPER CHANNEL	43	46	44	42	5-10	500	0.9	40
VANCOUVER LOWER TURNING BASIN	32	38	44	43	4-10	800	1.0	40
VANCOUVER UPPER TURNING BASIN	32	27	26	25	4-10	800	0.9	35
TOMAHAWK BAR	16	17	17	18	4-09	300	3.7	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18587 NM 37/10

COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS

TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2010 AND SURVEYS TO MAY 2010

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 (MILES)	DEPTH (FEET)
ENTRANCE RANGE	37	38	38	5-10	—	1.9	37
ENTRANCE RANGE AND TURN	38	39	34	5-10	300	0.8	37
COOS BAY INSIDE RANGE	38	38	37	5-10	300	0.8	37
COOS BAY RANGE	33	35	37	5-10	300	0.9	37
EMPIRE RANGE	33	36	31	3-10	300-800	2.3	37
LOWER JARVIS RANGE	33	36	23	3-10	300-800	1.1	37
JARVIS TURN RANGE	37	38	34	3-10	300	0.6	37
UPPER JARVIS RANGE A	38	38	36	3-10	300	1.0	37
UPPER JARVIS RANGE B	34	35	33	4-10	400	1.4	37
NORTH BEND LOWER RANGE	35	39	35	4-10	400	0.4	37
RANGE AND TURN	34	39	36	4-10	500	0.4	37
NORTH BEND RANGE	27	36	35	4-10	400	1.1	37
NORTH BEND UPPER RANGES	27	37	36	4-10	400	0.8	37
LOWER TURNING BASIN	32	36	32	4-10	800	0.5	37
FERNDALE LOWER RANGE	36	38	35	4-10	400	0.4	37
FERNDALE TURN	34	36	37	4-10	400	0.1	37
FERNDALE UPPER RANGE	31	36	35	4-10	400	0.9	37
MARSHFIELD RANGE	33	35	32	4-10	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	32	24	18	4-10	400-600	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22
CHARLESTON CHANNEL							
ENTRANCE	14	16	8	5-10	150	0.3	17
ENTRANCE TO BASIN	13	16	9	5-10	150	0.4	17
BASIN	16	16	0	5-10	250-500	0.2	16
BASIN TO BRIDGE	12	11	10	5-10	150	0.3	16

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18652 (Page E) NM 37/10

SUISUN BAY AND SAN JOAQUIN RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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)
SUISUN PT. REACH	44	47	49	6-10	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	6, 7-10	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	33	6-10	350	1.1	35
PT. EDITH CROSSING RANGE	36	32	27	6-10	350	1.1	35
PRESTON PT. REACH	34	33	28	6-10	350	0.9	35
ROE ISLAND CHANNEL	32	33	33	6-10	350	1.1	35
PORT CHICAGO REACH	36	36	36	6-10	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	36	34	6-10	350	1.29	35
EAST REACH	34	36	34	6-10	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	32	34	35 A	6-10	400	1.3	35
EAST REACH	34	34	33	6-10	400	1.7	35
SAN JOAQUIN RIVER							
ANTIOCH REACH	30.8	30.4	28.8	8-07	400	3.3	35

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.32" W

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18656 NM 37/10

SUISUN BAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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)
SUISUN PT. REACH	44	47	49	6-10	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	6, 7-10	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	33	6-10	350	1.1	35
PT. EDITH CROSSING RANGE	36	32	27	6-10	350	1.1	35
PRESTON PT. REACH	34	33	28	6-10	350	0.9	35
ROE ISLAND CHANNEL	32	33	33	6-10	350	1.1	35
PORT CHICAGO REACH	36	36	36	6-10	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	36	34	6-10	350	1.29	35
EAST REACH	34	36	34	6-10	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	32	34	35 A	6-10	400	1.3	35
EAST REACH	34	34	33	6-10	400	1.7	35

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.3" W

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18657 NM 37/10

SUISUN BAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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)
SUISUN PT. REACH	44	47	49	6-10	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	6, 7-10	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	33	6-10	350	1.1	35
PT. EDITH CROSSING RANGE	36	32	27	6-10	350	1.1	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18658 NM 37/10

SUISUN BAY

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2010

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)
BULLS HEAD CHANNEL	35	35	34	6, 7-10	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	33	6-10	350	1.1	35
PT. EDITH CROSSING RANGE	36	32	27	6-10	350	1.1	35
PRESTON PT. REACH	34	33	28	6-10	350	0.9	35
ROE ISLAND CHANNEL	32	33	33	6-10	350	1.1	35
PORT CHICAGO REACH	36	36	36	6-10	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	36	34	6-10	350	1.29	35
EAST REACH	34	36	34	6-10	350	1.09	35

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION