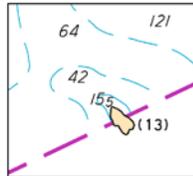


Chart 15953 NM N19/12



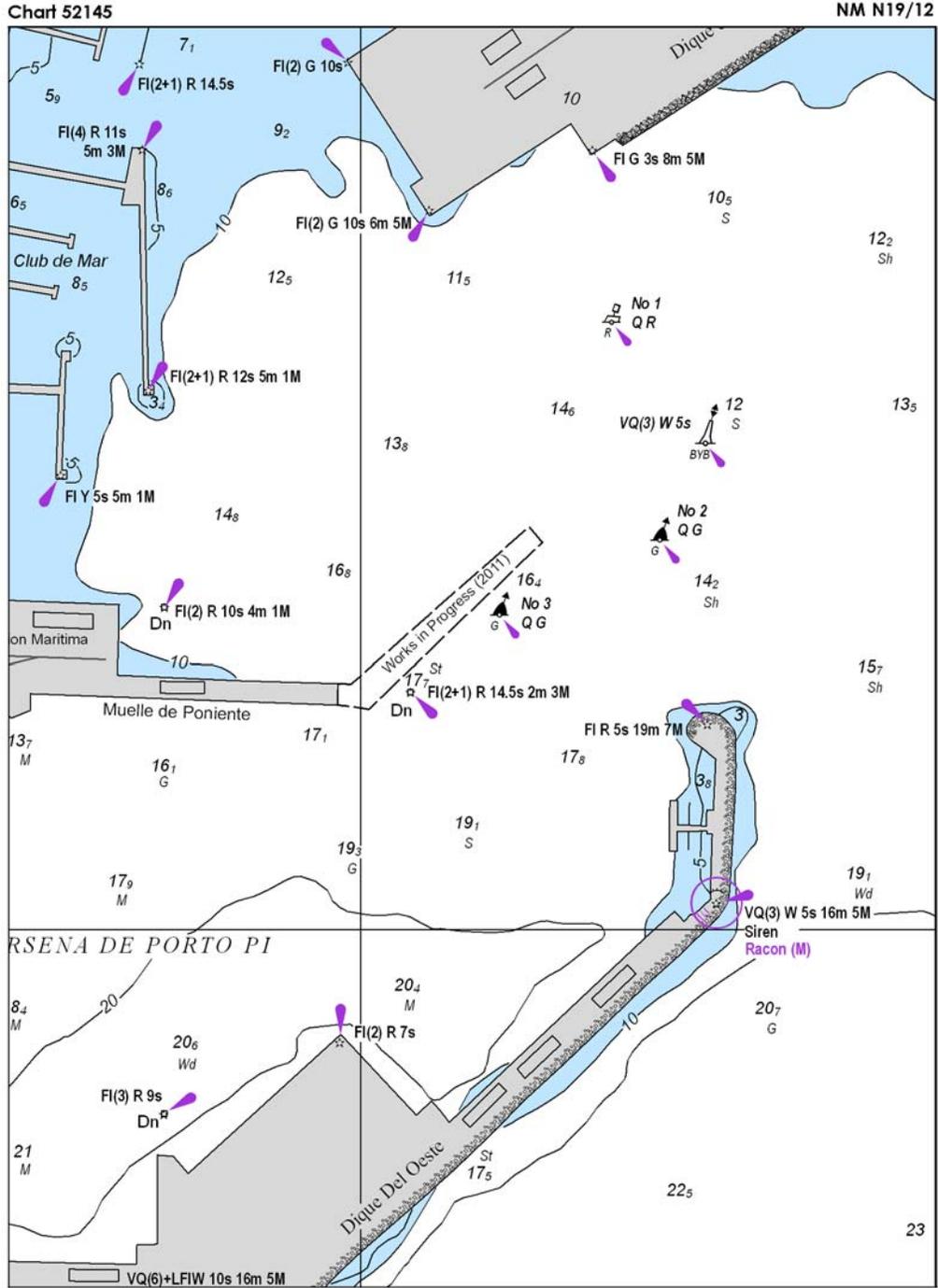


Chart 11339 (Inset)

NM 19/12

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 (FEET)
BAR CHANNEL	33.0	38.0	38.0	27.0	8,12-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	45.0	46.0	46.0	43.0	8,12-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40
<p>INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

Chart 11344

NM 19/12

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 (FEET)
BAR CHANNEL	33.0	38.0	38.0	27.0	8,12-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	45.0	46.0	46.0	43.0	8,12-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
<p>INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

Chart 11346

NM 19/12

BELLE PASS AND BAYOU LAFOURCHE CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012							
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 (FEET)
BELLE PASS REACH	22.1	21.4	17.1	9-11	300	1.6	26.0
PORT FOURCHON REACH	18.0	20.5	16.4	9-11; 2-12	300-425	3.3	24.0
<p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>							

SECTION I

NM 19/12

Chart 11347 (Side A)

NM 19/12

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	33.0	38.0	38.0	27.0	8,12-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	45.0	46.0	46.0	43.0	8,12-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11347 (Side B, Inset)

NM 19/12

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	33.0	38.0	38.0	27.0	8,12-11	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	45.0	46.0	46.0	43.0	8,12-11	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	35.4	39.4	39.9	35.3	2-12	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	28.6	37.2	36.4	29.1	2-12	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	34.2	38.7	37.4	28.2	2-12	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	35.2	38.6	39.1	22.3	2-12	400	5.2	40
THENCE TO 210 BRIDGE	36.0	38.8	38.3	29.9	2-12	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	35.5	39.7	37.8	33.4	2-12	400	2.1	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

Chart 11372 (Side B)

NM 19/12

GULFPORT HARBOR CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2012							
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)
GULFPORT BAR CHANNEL	36.1	34.9	33.4	2-12	400	10.04	38
GULFPORT SOUND CHANNEL (D)	31.6	A32.8	31.6	12-11	220	10.63	36
ANCHORAGE BASIN	C30.0	C29.6	B32.0	1-12	1110-1220	0.93	32-36

A. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°20'00.0"N, 89°04'06.0"W.
 B. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°21'00.0"N, 89°05'00.0"W.
 C. EXCEPT FOR A SUBM BREAKWATER LOCATED APPROXIMATELY FROM 30°21'04.6"N, 89°05'21.6"W TO 30°21'01.9"N, 89°05'08.6"W.
 D. SHOALING EXISTS IN BEND WIDENING AREA
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11373

NM 19/12

GULFPORT HARBOR CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2012							
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)
GULFPORT BAR CHANNEL	36.1	34.9	33.4	2-12	400	10.04	38
GULFPORT SOUND CHANNEL (D)	31.6	A32.8	31.6	12-11	220	10.63	36
ANCHORAGE BASIN	C30.0	C29.6	B32.0	1-12	1110-1220	0.93	32-36

A. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°20'00.0"N, 89°04'06.0"W.
 B. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°21'00.0"N, 89°05'00.0"W.
 C. EXCEPT FOR A SUBM BREAKWATER LOCATED APPROXIMATELY FROM 30°21'04.6"N, 89°05'21.6"W TO 30°21'01.9"N, 89°05'08.6"W.
 D. SHOALING EXISTS IN BEND WIDENING AREA
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11378 (Side A)

NM 19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
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)
CAUCUS CHANNEL	35.0	35.0	35.0	35.0	11-10, 1-12	A500	3.1	A35
BARRANCAS CHANNEL	35.0	35.0	35.0	35.0	10-11, 1-12	A500	1.7	A35
PICKENS CHANNEL	43.6	45.5	45.5	B45.9	1-09,10	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
 B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 19/12

Chart 11382

NM 19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
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)
CAUCUS CHANNEL	35.0	35.0	35.0	35.0	11-10, 1-12	A500	3.1	A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11383

NM 19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
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)
CAUCUS CHANNEL	35.0	35.0	35.0	35.0	11-10, 1-12	A500	3.1	A35
BARRANCAS CHANNEL	35.0	35.0	35.0	35.0	10-11, 1-12	A500	1.7	A35
PICKENS CHANNEL	43.6	45.5	45.5	B45.9	1-09,10	A500	2.8	A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.								
B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11384

NM 19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
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)
CAUCUS CHANNEL	35.0	35.0	35.0	35.0	11-10, 1-12	A500	3.1	A35
BARRANCAS CHANNEL	35.0	35.0	35.0	35.0	10-11, 1-12	A500	1.7	A35
PICKENS CHANNEL	43.6	45.5	45.5	B45.9	1-09,10	A500	2.8	A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.								
B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 19/12

Chart 18649

NM 19/12

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2011								
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)
SOUTHAMPTON SHOAL CHANNEL	43	45	46	44	9,10-11	600	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	36	36	36	36	12-10; 12-11	600-550	1.0	38
POINT POTRERO REACH	36	36	36	35	12-11	500-600	1.4	38
POINT POTRERO TURN	37	37	37	35	12-11	600-1250	0.6	38
HARBOR CHANNEL	37	38	38	36	12-11	850-200	0.5	38
SANTA FE CHANNEL	27	29	29	26	9-09; 5-10	200	0.5	38-30
TURNING BASIN	27	28	27	21	9-09	200-500	0.16	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 18651

NM 19/12

REDWOOD CITY HARBOR CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2011						
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)	DEPTH MLLW (FEET)
CHANNEL ENTRANCE (37°33'10"N., 122°11'43"W.)						
TO LIGHT 8	28.0	28.0	27.0	12-11	700-300	1.07
LIGHT 8 TO LIGHT 14	28.0	27.0	28.0	12-11	300-350	.90
LIGHT 14 TO LIGHT 15	28.0	28.0	28.0	12-11	300	.28
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 18653

NM 19/12

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2011								
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)
SOUTHAMPTON SHOAL CHANNEL	43	45	46	44	9, 10-11	600	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	36	36	36	36	12-10; 12-11	600-550	1.0	38
POINT POTRERO REACH	36	36	36	35	12-11	500-600	1.4	38
POINT POTRERO TURN	37	37	37	35	12-11	600-1250	0.6	38
HARBOR CHANNEL	37	38	38	36	12-11	850-200	0.5	38
SANTA FE CHANNEL	27	29	29	26	9-09; 5-10	200	0.5	38-30
TURNING BASIN	27	28	27	21	9-09	200-500	0.16	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 19/12

Chart 803658

NM N19/12

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEY OF JAN 2012								
CONTROLLING DEPTHS FROM SEAWARD IN METERS 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 (METERS)	LENGTH (MILES)	DEPTH MLLW (METERS)
CAUCUS CHANNEL	10.6	10.6	10.6	10.6	11-10,1-12	A152	3.1	A10.6
BARRANCAS CHANNEL	10.6	10.6	10.6	10.6	10-11,1-12	A152	1.7	A10.6
PICKENS CHANNEL	13.2	13.8	13.8	B13.9	1-09,10	A152	2.8	A10.6

A. PROJECT DIMENSIONS OF 13.4 METERS FOR A WIDTH OF 243 METERS PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 10.6 METERS FOR A WIDTH OF 152 METERS.

B. EXCEPT FOR A 13.1 METER OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.

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