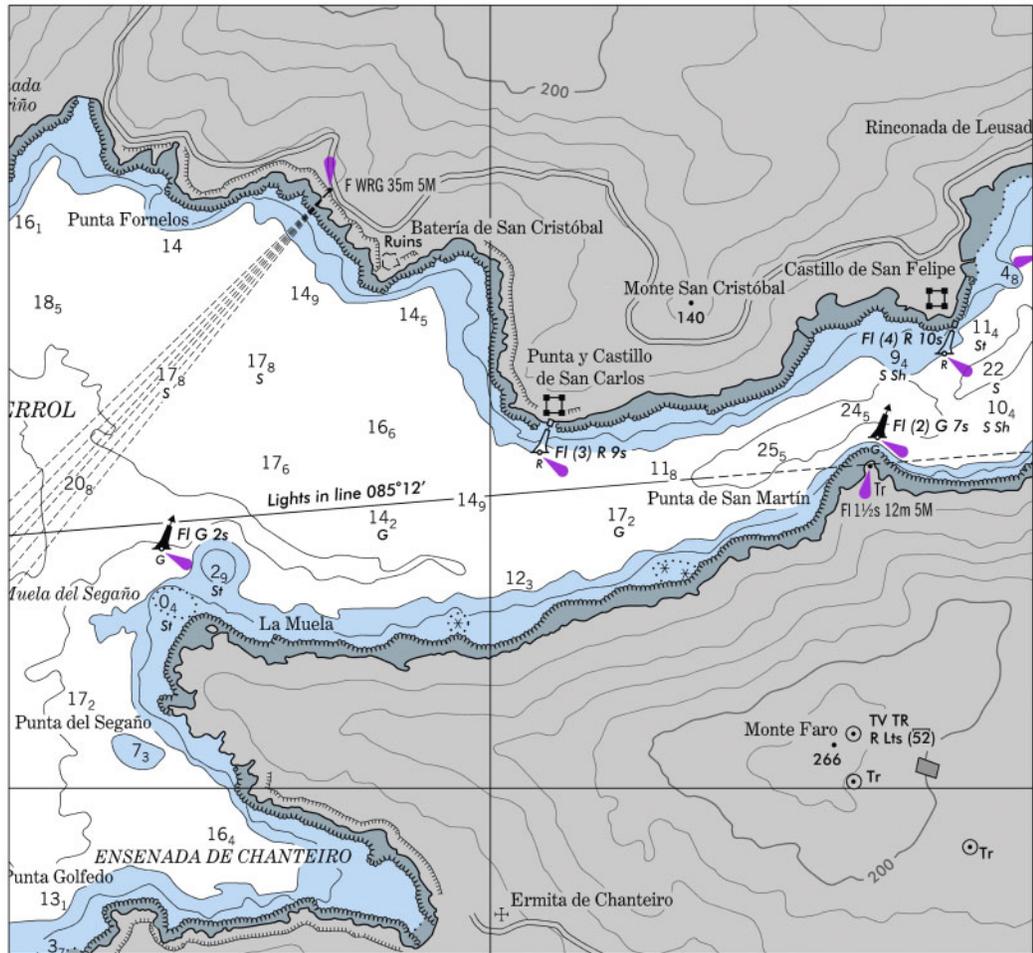


Chart 37506

(B)

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SECTION I

NM 24/09

Chart 11346

NM 24/09

BELLE PASS AND BAYOU LAFOURCHE CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2008							
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)
BELLE PASS REACH	30.0	28.0	27.0	11-08	300	1.1	26.0
PORT FOURCHON REACH	22.0	24.0	23.0	11-08	300	3.0	24.0
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12222

NM 24/09

NORFOLK HARBOR AND APPROACHES								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO 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 (NAUT. MILES)	DEPTH (FEET)
THIMBLE SHOAL CHANNEL (A)	47.8	50.3	50.1	44.9	7,8-06	1000	13.0	55
NORTH AUXILIARY CHANNEL (B)						450		32
SOUTH AUXILIARY CHANNEL (B)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.1	52.5	53.8	53.1	4-07	1000	1.4	50
NORFOLK HARBOR REACH	50.2	51.1	50.2	49.5	6,7-08	1250-800	3.8	55
CRANEY ISLAND REACH	50.0	50.3	50.5	49.6	6,7-08	800	2.1	55
LAMBERT BEND	44.2	46.4	44.0	44.4	2-08	750	0.3	45
LAMBERT BEND TO PINNER POINT	43.4	44.2	43.9	44.3	2-08	750	1.0	45
PINNER POINT TO TOWN PT REACH	39.1	40.2	40.8	39.9	2-08	750	1.0	45
NEWPORT NEWS CHANNEL	50.6	C51.0	50.5	50.3	10-07	800	4.2	55
CAPE HENRY CHANNEL	46.1	49.0	49.5	46.0	3-08	1000	4.0	50
YORK SPIT CHANNEL	41.9	49.1	48.9	47.4	9-07	1000D	18.4	50
A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. CHANNEL MAINTAINED TO 50 FEET.								
B. PROJECT MAINTENANCE DISCONTINUED								
C. 51 FOOT OBSTRUCTION LOCATED AT 36°57'12.4"N, 76°24'45.1"W.								
D. CHANNEL WIDTH MAINTAINED TO 800 FEET								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12222

NM 24/09

HAMPTON AND PHOEBUS CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2008							
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)
HAMPTON RIVER ENTRANCE CHANNEL	12.2	13.0	11.2	7-08	200	1.1	12
HAMPTON REACH	8.3	11.5	10.2	7-08	150	1.2	12
SUNSET CREEK	A10.2	A11.4	A11.1	7-08	100-80	0.5	12
PHOEBUS CHANNEL	12.5	12.1	11.7	6-03	150	0.7	12
A. EXCEPT FOR SHOALING TO 2.0 FEET FOR THE LAST 200 FEET OF THE PROJECT.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

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NM 24/09

Chart 12245

NM 24/09

HAMPTON AND PHOEBUS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2008							
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)
HAMPTON RIVER ENTRANCE CHANNEL	12.2	13.0	11.2	7-08	200	1.1	12
HAMPTON REACH	8.3	11.5	10.2	7-08	150	1.2	12
SUNSET CREEK	A10.2	A11.4	A11.1	7-08	100-80	0.5	12
PHOEBUS CHANNEL	12.5	12.1	11.7	6-03	150	0.7	12

A. EXCEPT FOR SHOALING TO 2.0 FEET FOR THE LAST 200 FEET OF THE PROJECT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12253

NM 24/09

ELIZABETH RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO 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 (NAUT. MILES)	DEPTH MLLW (FEET)
CRANEY ISLAND REACH	50.0	50.3	50.5	49.6	6,7-08	800	2.1	55
LAMBERT BEND	44.2	46.4	44.0	44.4	2-08	750	0.3	45
LAMBERT BEND TO PINNER POINT	43.4	44.2	43.9	44.3	2-08	750	1.0	45
PINNER POINT TO TOWN POINT REACH	39.1	40.2	40.8	39.9	2-08	750	1.0	45
TOWN POINT REACH	38.1	39.6	40.0	38.7	2-08	750	0.6	45
SOUTHERN BRANCH:								
LOWER REACH	38.8	39.8	39.7	38.9	2-08	450-800	1.7	45
MIDDLE REACH	37.1	39.8	41.0	34.5	2-08	375	0.9	45

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

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NM 24/09

Chart 12313

NM 24/09

SCHUYLKILL RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2008							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT SCHUYLKILL RIVER DATUM					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)
1	27.9	29.7	35.8	10-07	400	0.32	33
2	28.0	31.8	31.0	10-07	400	0.34	33
3	34.6	33.4	33.4	9-08	400	0.18	33
4	33.4	33.5	33.8	9-08	400	0.11	33
5	33.1	33.5	33.4	9-08	300	0.30	33
6	34.0	30.9	27.9	10-07	325	0.21	33
7	32.6	23.4	20.2	10-07; 9-08	300	0.31	33
8	34.1	33.5	32.8	10-08	300	0.15	33
9	32.8	32.7	33.4	10-08	300	0.31	33
10	34.2	35.8	32.3	10-08	325	0.09	33
11	34.0	34.4	36.5	10-08	350	0.05	33
12	32.9	33.3	33.7	10-08	350	0.05	33
13	33.2	31.9	33.0	10-08	325	0.07	33
14	33.0	32.6	33.5	10-08	300	0.14	33
15	34.0	35.2	35.7	10-08	325	0.08	33
16	35.0	33.6	34.4	10-08	350	0.08	33
17	35.8	35.3	34.3	10-08	325	0.06	33
18	13.3	29.6	32.5	11-08	300	0.45	33
19	17.1	30.4	31.1	11-07; 11-08	200	0.08	33-26
20	26.7	31.5	26.4	11-07	250	0.05	26
21	28.8	22.4	15.6	11-07	250	0.04	26
22	24.7	21.8	15.2	11-07	250	0.06	26
23	24.0	15.3	13.5	11-07	200	0.21	26
24	30.5	19.5	12.1	11-07	250	0.06	26
25	27.7	17.9	11.5	11-07	250	0.09	26
26	28.7	18.4	11.6	11-07	250	0.09	26
27	27.5	18.9	12.9	11-07	225	0.12	26
28	21.9	17.0	14.4	11-07	200	0.10	26
29	17.9	16.1	14.7	11-07	200	0.23	26-22
30	17.3	19.0	20.4	11-07	200	0.30	22
31	22.5	20.6	23.5	11-07	200	0.10	22
32	25.5	19.9	15.1	11-07	200	0.26	22
33	26.0	14.7	10.8	11-07	200	0.10	22
34	21.6	18.9	16.8	11-07	250	0.07	22
35	25.5	18.6	15.0	11-07	250	0.08	22
36	25.8	19.7	15.9	11-07	250	0.08	22
37	22.6	23.2	22.9	11-07	250	0.06	22
38	17.3	18.7	20.3	11-07	225	0.13	22

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

Chart 12316 (Side B)

NM 24/09

CAPE MAY CANAL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 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 (FEET)
FROM CANAL ENTRANCE TO CAPE ISLAND CREEK	10.6	10.5	10.0	1-09	100	0.35	12
FROM CAPE ISLAND CREEK TO INNER END OF FERRY BASIN	7.0	6.3	6.0	1-09	100	2.55	12
FROM INNER END OF FERRY BASIN TO DELAWARE BAY	6.8	8.7	11.3	1-09	100-150	0.44	12

* CONTROLLING DEPTHS IN CAPE MAY CANAL ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM CAPE MAY HARBOR.

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

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Chart 12317

NM 24/09

CAPE MAY CANAL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 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)
FROM CANAL ENTRANCE TO CAPE ISLAND CREEK	10.6	10.5	10.0	1-09	100	0.35	12
FROM CAPE ISLAND CREEK TO INNER END OF FERRY BASIN	7.0	6.3	6.0	1-09	100	2.55	12
FROM INNER END OF FERRY BASIN TO DELAWARE BAY	6.8	8.7	11.3	1-09	100-150	0.44	12
* CONTROLLING DEPTHS IN CAPE MAY CANAL ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM CAPE MAY HARBOR.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 18652 (Page E)

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SUISUN BAY AND SAN JOAQUIN RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2008							
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	46	48	11-08	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	11-08	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	34	11-08	350	1.1	35
PT. EDITH CROSSING RANGE	36	34	32	11-08	350	1.1	35
PRESTON PT. REACH	35	34	31	11-08	350	0.9	35
ROE ISLAND CHANNEL	34	34	34	11-08	350	1.1	35
PORT CHICAGO REACH	37	37	37	11-08	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	37	35	11-08	350	1.29	35
EAST REACH	35	38	37	11-08	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	32	33	33 A	4-08	400	1.3	35
EAST REACH	34	33	34	4-06	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 18654

NM 24/09

PINOLE SHOAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2008							
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)
CHANNEL ENTRANCE (38°01'33"N, 122°22'47"W) TO LT. 11	30.0	33.0	32.0	11-08	600	2.8	35
THENCE TO 38°03'31"N, 122°17'08"W	30.0	35.0	34.0	11-08	600	2.2	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

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Chart 18656

NM 24/09

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2008							
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	46	48	11-08	300	0.8	35
BULLS HEAD CHANNEL	35	35	34	11-08	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33	34	34	11-08	350	1.1	35
PT. EDITH CROSSING RANGE	36	34	32	11-08	350	1.1	35
PRESTON PT. REACH	35	34	31	11-08	350	0.9	35
ROE ISLAND CHANNEL	34	34	34	11-08	350	1.1	35
PORT CHICAGO REACH	37	37	37	11-08	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	37	35	11-08	350	1.29	35
EAST REACH	35	38	37	11-08	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	32	33	33 A	4-08	400	1.3	35
EAST REACH	34	33	34	4-08	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 24/09

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2008							
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	45	47	48	4-08	300	0.8	35
BULLS HEAD CHANNEL	32	33	34	4-08	300-350	1.2	35
EAST BULLS HEAD CHANNEL	34	34	34	4-08	350	1.1	35
PT. EDITH CROSSING RANGE	37	35	30	4-08	350	1.1	35

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

Chart 18658

NM 24/09

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2008							
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)
EAST BULLS HEAD CHANNEL	34	34	34	4-08	350	1.1	35
PT. EDITH CROSSING RANGE	37	35	30	4-08	350	1.1	35
PRESTON PT. REACH	35	35	32	4-08	350	0.9	35
ROE ISLAND CHANNEL	34	34	34	4-08	350	1.1	35
PORT CHICAGO REACH	37	37	37	4-08	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	37	37	35	4-08	350	1.29	35
EAST REACH	34	37	37	4-08	350	1.09	35

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

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Chart 18666

NM 24/09

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2008							
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)
MIDDLE GROUND CHANNEL							
WEST REACH	37	37	35	4-08	350	1.29	35
EAST REACH	34	37	37	4-08	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	32	33	33A	4-08	400	1.3	35
EAST REACH	34	33	34	4-08	400	1.7	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 18685

NM 24/09

MOSS LANDING HARBOR							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2008							
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)
ENTRANCE CHANNEL	14.0	13.0	11.0	12-08	200	0.3	15
TURNING BASIN	14.0	14.0	12.0	12-08	300	0.1	15
INNER CHANNEL	12.0	12.0	12.0	12-08	100	0.4	15
INNER TURNING BASIN	9.0	11.0	12.0	12-08	100-120	0.1	15
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							