Chart 12401 NM 41/14

LOWER BAY, CHAPEL HILL AND RARITAN BAY CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014
AND SURVEYS TO APR 2013

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)
LOWER BAY:								
AMBROSE CHANNEL								
REACH B	55.3	53.9	53.5	52.5	3,4-13	2000	4.2	53
SANDY HOOK CHANNEL (EAST)	34.7	39.6	38.9	31.7	6-12	800-2160	4.5	35
SANDY HOOK CHANNEL (BAYSIDE)	27.6A	38.3	37.3	31.3	6-12	800	2.3	35
TERMINAL CHANNEL (NAVY)	45.0	45.0	45.0	45.0	9-09	400-1050	0.8	B45
TURNING BASIN (NAVY)	45.0	45.0	45.0	45.0	9-09	400-2300	0.6	B45
CHAPEL HILL:								
SOUTH CHANNEL (C)	29.7	28.9	30.4	21.4	3-13	1000	2.6	30
RARITAN BAY:								
EAST REACH	32.9	39.1	37.9	33.6	4-13	600-800	3.9	35
WEST REACH	31.3	39.9	40.5	31.5	4-13	600	2.4	35

A. AREA SUBJECT TO EXTENSIVE SHOALING. SHOALING TO 7.7 FEET EXISTS IN THE VICINITY OF 40°28'55.2"N, 74°00'17.0"W.

B. PROJECT DEPTHS IN THE TERMINAL CHANNEL AND TURNING BASIN ARE 45 FEET, EXCEPT AROUND PIERS 2 AND 3 WHERE THE PROJECT DEPTH IS 35 FEET. DEPTHS SHOALER THAN PROJECT DEPTHS ARE CHARTED IN CHANNELS.

C. SPORADIC SHOAL OBSTRUCTIONS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.

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

Chart 18587 NM 41/14

COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS
TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - REPORT OF JUNE 2014
AND SURVEYS TO JUNE 2014

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	39	39	40	6-14	---	1.9	37
ENTRANCE RANGE AND TURN	38	45	34	6-14	300	0.8	37
COOS BAY INSIDE RANGE	38	38	38	6-14	300	0.8	37
COOS BAY RANGE	37	37	36	6-14	300	0.9	37
EMPIRE RANGE	35	37	36	6-14	300-800	2.3	37
LOWER JARVIS RANGE	35	37	21	6-14	300-800	1.1	37
JARVIS TURN RANGE	37	42	37	6-14	300	0.6	37
UPPER JARVIS RANGE A	37	37	38	6-14	300	1.0	37
UPPER JARVIS RANGE B	34	37	31	6-14	400	1.4	37
NORTH BEND LOWER RANGE	37	38	34	6-14	400	0.4	37
RANGE AND TURN	34	38	35	6-14	500	0.4	37
NORTH BEND RANGE	24	38	34	3-14	400	1.1	37
NORTH BEND UPPER RANGES	33	38	34	3-14	400	0.8	37
LOWER TURNING BASIN	23	31	28	3-14	800	0.5	37
FERNDALE LOWER RANGE	34	37	34	11-13	400	0.4	37
FERNDALE TURN	24	36	35	11-13	400	0.1	37
FERNDALE UPPER RANGE	8	30	27	11-13	400	0.9	37
MARSHFIELD RANGE	31	32	22	11-13	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	22	16	29	11-13	400-600	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22
CHARLESTON CHANNEL							
ENTRANCE	11	18	11	3-14	150	0.3	17
ENTRANCE TO BASIN	12	16	10	3-14	150	0.4	17
BASIN	14	15	3	3-14	250-500	0.2	16
BASIN TO BRIDGE	11	11	11	3-14	150	0.3	16

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