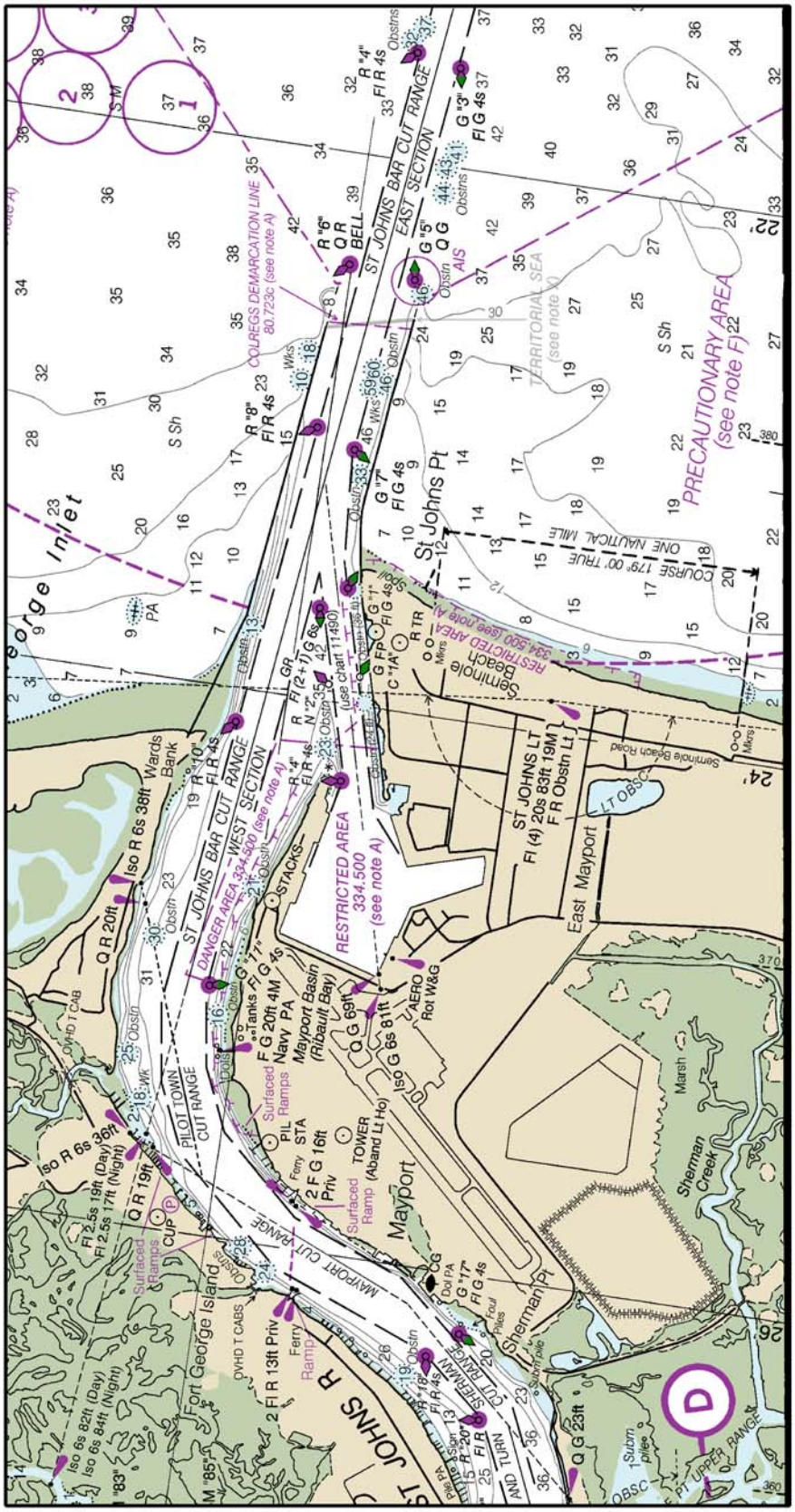
Chart 11489 (Side B) NM 14/15


ST JOHNS BAR CUT RANGE
EAST SECTION
WEST SECTION
COLREGS DEMARCATION LINE
80.723c (see note A)
TERRITORIAL SEA
(see note F)
PRECAUTIONARY AREA
(see note F)
ONE NAUTICAL MILE
COURSE 179° 00' TRUE
St Johns Pt
Seminole Beach
RESTRICTED AREA
334.500 (see note A)
DANGER AREA 334.500 (see note A)
RESTRICTED AREA
334.500
(see note A)
ST JOHNS LT
F R 20s 83ft 19M
Fl (4) 20s 83ft 19M
F R Obstn Lt
East Mayport
Wards Bank
Iso R 6s 38ft
Q R 20ft
Iso R 6s 36ft
Q R 19ft
Fl 2.5s 19ft (Day)
Fl 2.5s 17ft (Night)
Iso 6s 82ft (Day)
Iso 6s 84ft (Night)
Fort George Island
Mayport
Mayport Basin
(Ribault Bay)
Navy PA
Sherman Pt
Sherman Creek
Marsh
PILOT TOWN
CUT RANGE
MAYPORT CUT RANGE
SHEFFMAN
CUT RANGE
AND TURN
Q G 23ft
PT UPPER RANGE
Fl R 13ft Priv
Ferry
Ramp
Surfaced
Ramps
Q G 69ft
Iso G 6s 81ft
AERO
Rot W&G
Q R
BELL
R "6"
R "8"
Fl R 4s
G "5"
Q G
AIS
G "7"
Fl G 4s
G "3"
Fl G 4s
R "4"
Fl R 4s
Obstns
Obstn
Wks
Mkrs
Sentinole Beach Road
LT OBSC
OBSC
S Sh
PA
Tanks
STACKS
Fl G 20ft 4M
F G 20ft 4M
Fl G 4s
G "17"
2 F G 16ft
Priv
STA
PIL
TOWER
(Aband Lt Ho)
Surfaced
Ramp
Iso R 6s 38ft
Fl R 4s
R "10"
R "4"
Fl R 4s
Fl (2+1) G 6s
GR
R "2"
(use chart 11490)
G "1"
Fl G 4s
G FP
C "1A"
R TR
Mkrs
Fl R 4s
R "20"
Fl R 4s
Q G 23ft
Sub pile
Foul Piles
Dol PA
CG
Pile PA
Sign
Fl R 4s
G "17"
Fl G 4s
M "85"
"83"
"85"
"18"
Obstn
Obstns
DWHD T CABS
DWHD T CAB
WK
Dols
Dol
Pole
Sub pile
Subm pile
Fl R 4s
R "20"
Fl R
Fl R 4s
Q R
CUP
P
Fl R 4s
Fl G 4s
Fl R 4s
Fl R 4s
Fl R

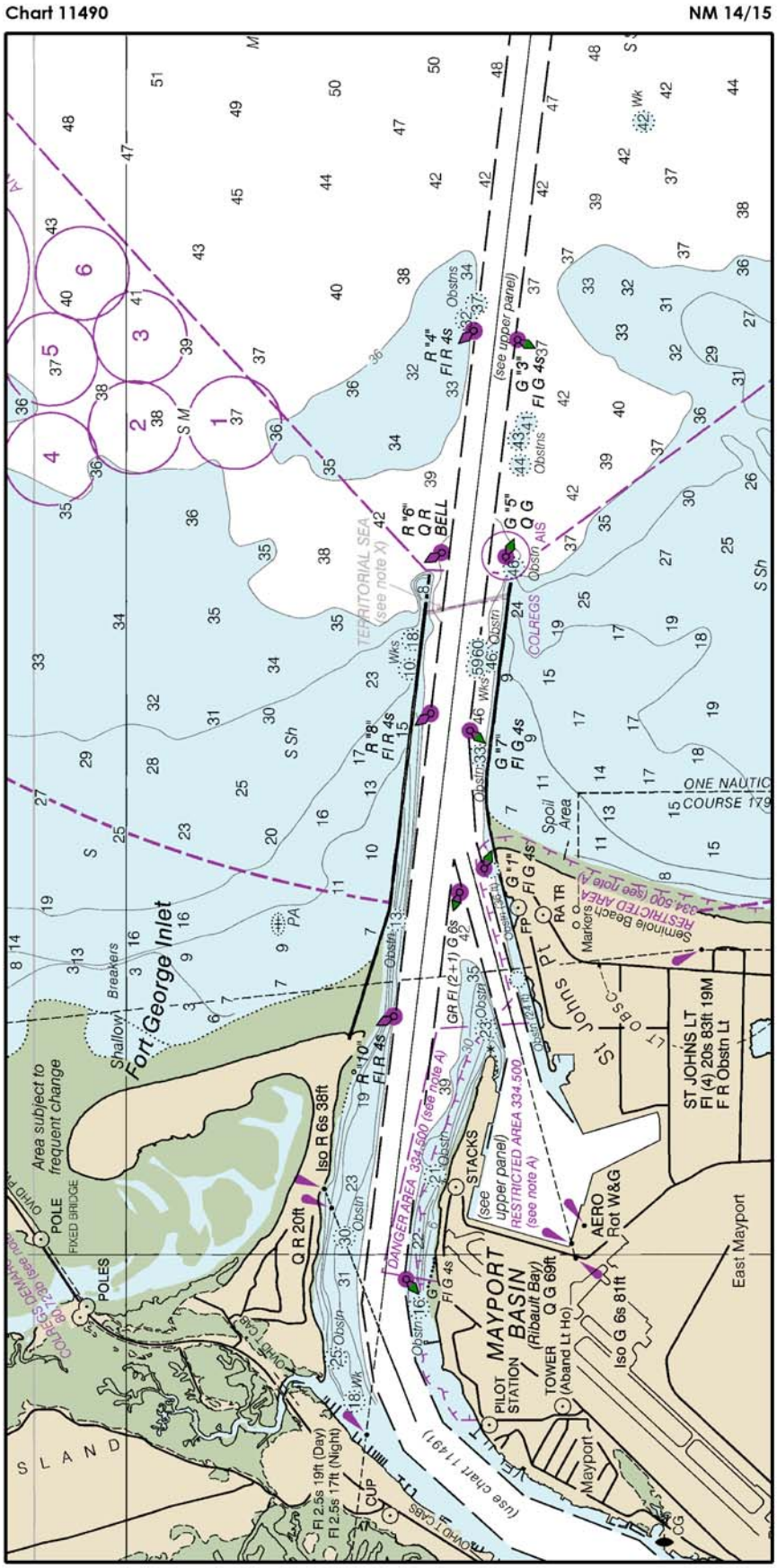


Chart 11490
NM 14/15
Fort George Inlet
Area subject to frequent change
POLE
FIXED BRIDGE
POLES
Shallow
Breakers
Iso R 6s 38ft
Q R 20ft
R "10" Fl R 4s
R "8" Fl R 4s
R "6" Q R BELL
R "4" Fl R 4s
G "5" Q G
G "3" Fl G 4s
G "7" Fl G 4s
G "1" Fl G 4s
TERRITORIAL SEA (see note X)
COLREGS
ONE NAUTIC
COURSE 179
Spoil Area
Seminole Beach
RESTRICTED AREA 334.500 (see note A)
DANGER AREA 334.500 (see note A)
RESTRICTED AREA 334.500 (see note A)
STACKS
(see upper panel)
AERO Rot W&G
ST JOHNS LT Fl (4) 20s 83ft 19M F R Obstn Lt
St Johns Pt
MAYPORT BASIN (Ribault Bay)
PILOT STATION
TOWER (Aband Lt Ho)
Q G 69ft
Iso G 6s 81ft
East Mayport
Mayport
Fl 2.5s 19ft (Day)
Fl 2.5s 17ft (Night)
(use chart 11491)
S L A N D

Chart 11490 (Inset) (A) NM 14/15

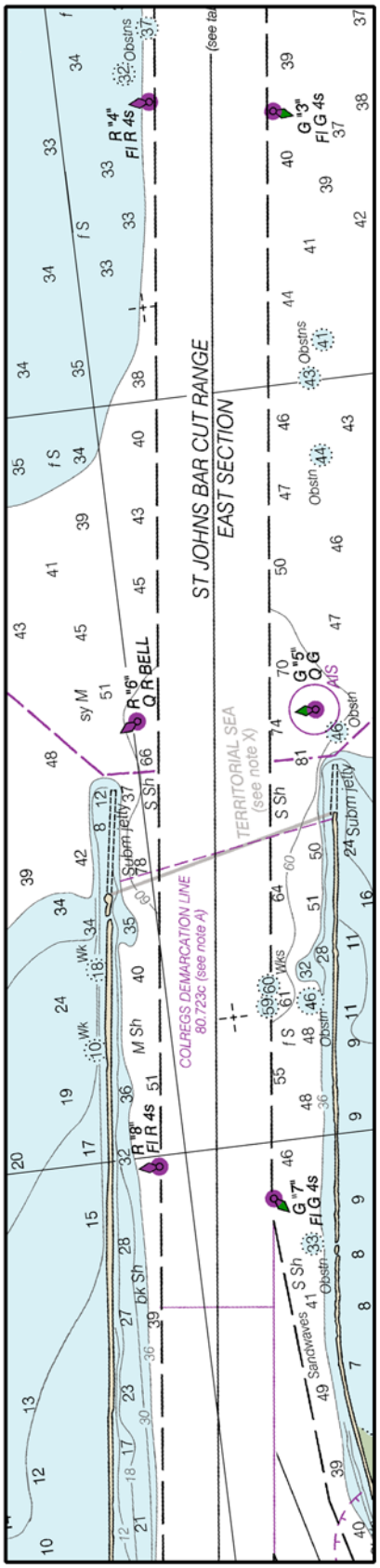


Chart 11490 (Inset) (B) NM 14/15

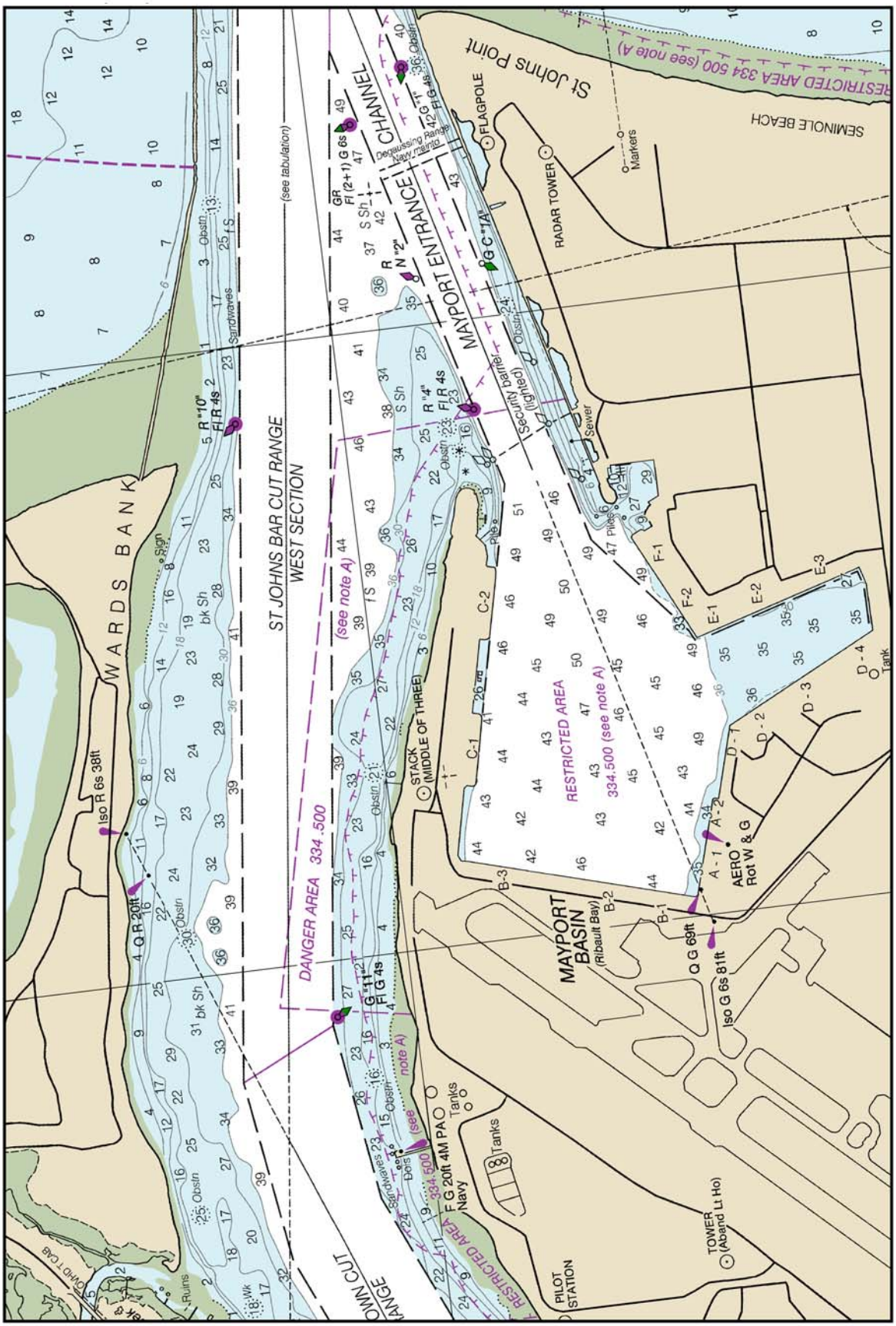


Chart 11491 (Side A) (A) NM 14/15

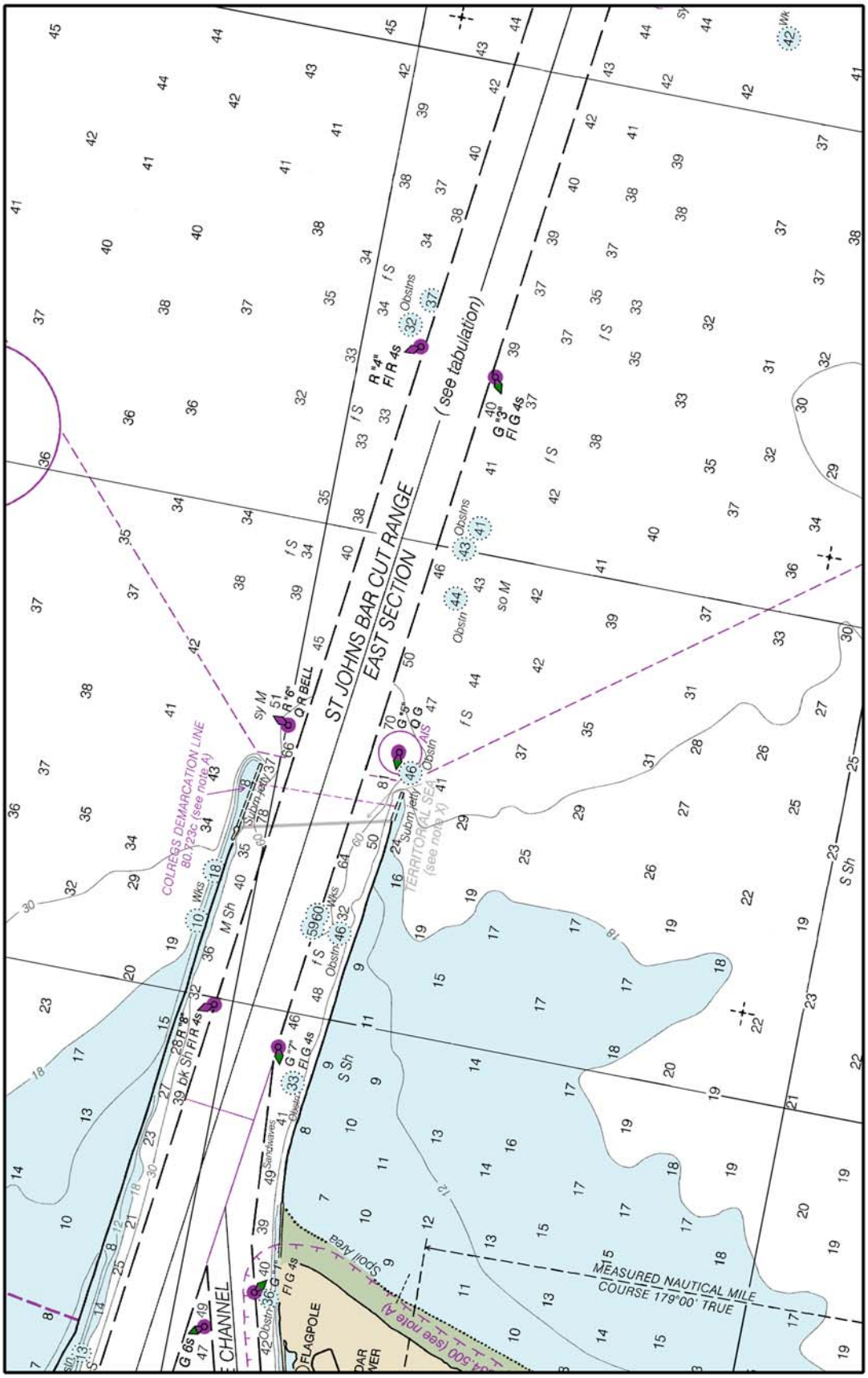
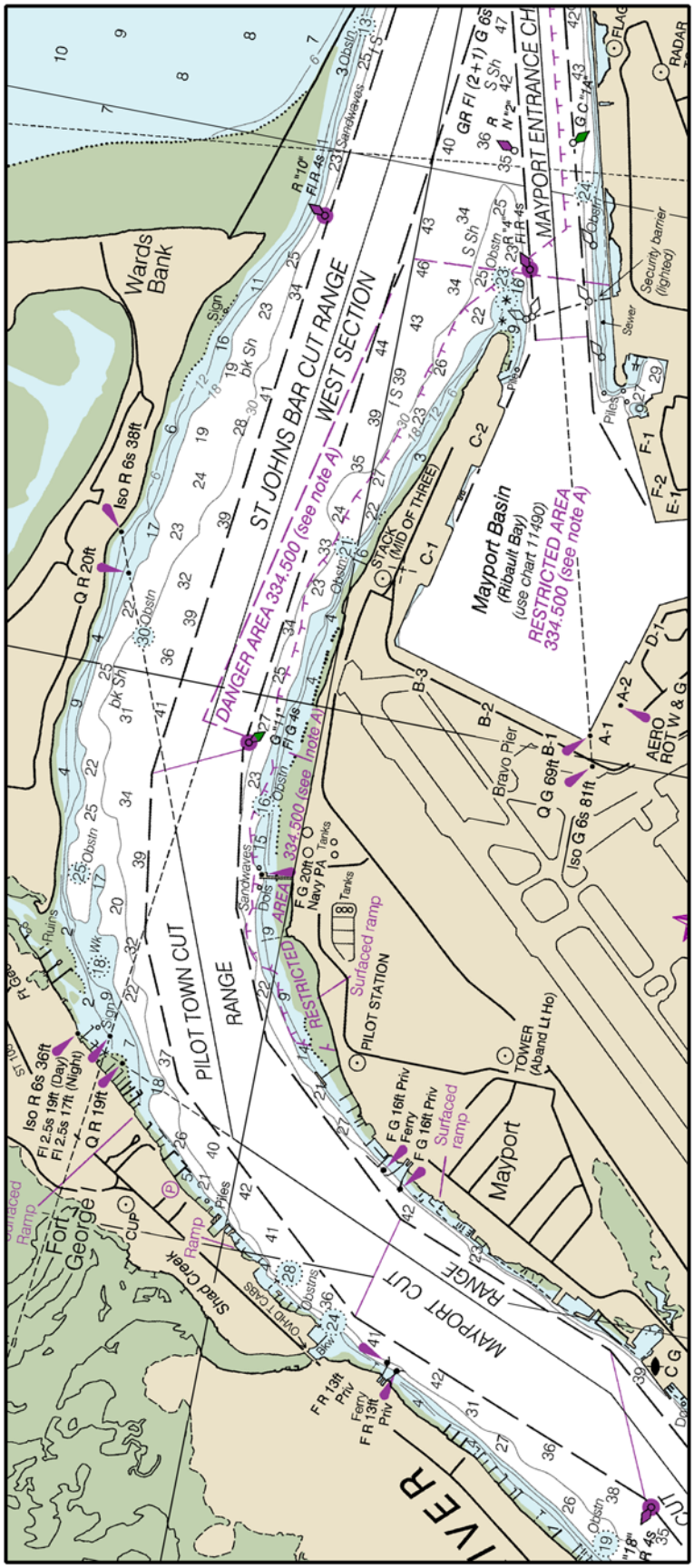


Chart 11491 (Side A) (B) NM 14/15



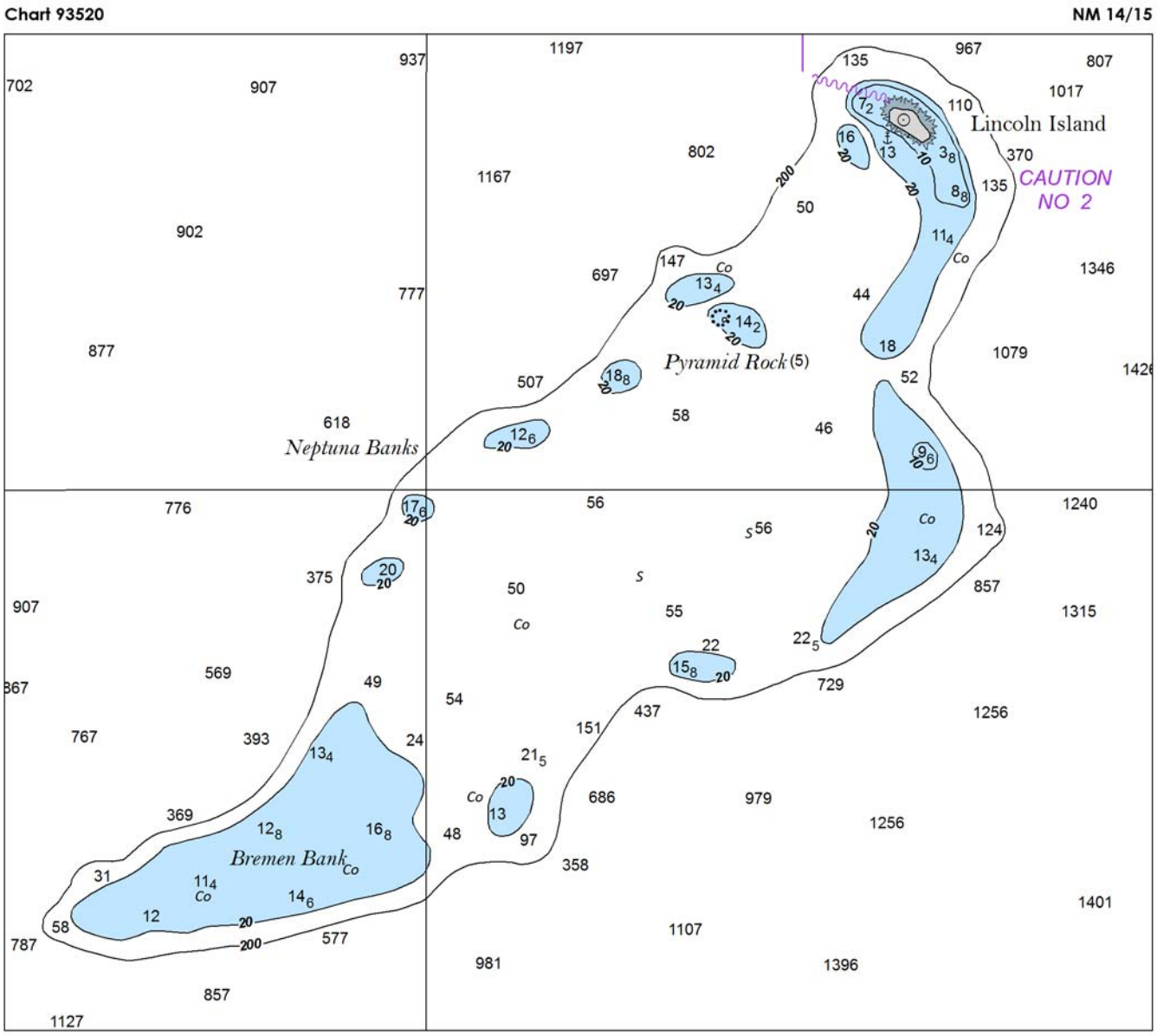


Chart 93520
NM 14/15
Lincoln Island
CAUTION
NO 2
Pyramid Rock (5)
Neptuna Banks
Bremen Bank

Chart 11490 (Inset) NM 14/15

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014

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	44.0	50.0	49.0	46.0	9-14	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	36.0	40.0	39.0	35.0	9-14	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	38.2	44.4	47.9	39.3	3-14	500	0.8	42
PILOT TOWN CUT RANGE	28.4	42.0	43.0	42.0	8,9-14	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 14/15

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014
AND SURVEYS TO SEP 2014

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)
ST. JOHNS BAR CUT RANGE, EAST SECTION	44.0	50.0	49.0	46.0	9-14	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	36.0	40.0	39.0	35.0	9-14	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	38.2	44.4	47.9	39.3	3-14	500	0.8	42
PILOT TOWN CUT RANGE	28.4	42.0	43.0	42.0	8,9-14	850-900	0.9	40
MAYPORT CUT RANGE	42.1	42.7	43.4	42.7	8-14	1025	0.5	40
SHERMAN CUT RANGE	43.6	43.6	43.0	39.0	8-14	625	0.4	40
MILE POINT LOWER RANGE AND TURN	40.0	43.0	41.0	29.0	9-14	625	0.8	40
TRAINING WALL REACH	42.0	41.0	41.0	37.0	9-14	475-625	1.2	40
SHORT CUT TURN	38.3	41.9	42.8	42.0	8,9-14	525-575	0.5	40
WHITE SHELLS CUT RANGE	38.0	40.9	42.0	41.7	8,9-14	575-900	0.8	40
ST. JOHNS BLUFF REACH	40.0	42.0	41.0	38.0	9-14	600-750	0.9	40
DAMES PT.-FULTON CUTOFF	31.3	39.9	40.5	41.0	8-14	475-837	2.9	40
DAMES PT. TURN THRU QUARANTINE I. UPPER RANGE	38.1	40.6	41.6	39.8	8-14	525-1175	1.3	40
BRILLS CUT RANGE	39.0	41.1	41.6	39.2	8,9-14	425-600	1.2	40
BROWARD POINT TURN	30.1	42.1	42.4	42.4	8-14	490-830	0.9	40
BLOUNT ISLAND CHANNEL	28.0	32.7	33.0	33.4	2,8-14	300-1000	2.0	28
BLOUNT ISLAND EAST CHANNEL	13.8	18.7	19.6	15.7	8-14	300	1.0	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 11491 (Side B) NM 14/15

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014
AND SURVEYS TO SEP 2014

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)
DAMES PT TURN THRU QUARANTINE I. UPPER RANGE	38.1	40.6	41.6	39.8	8-14	525-1175	1.3	40
BRILLS CUT RANGE	39.0	41.1	41.6	39.2	8,9-14	425-600	1.2	40
BROWARD POINT TURN	30.1	42.1	42.4	42.4	8-14	490-830	0.9	40
DRUMMOND CREEK RANGE	37.7	42.0	41.1	36.9	8-14	375-865	1.5	40
TROUT RIVER CUT RANGE	40.4	42.1A	41.3	40.9	8-14	400-860	1.1	40
CHASEVILLE TURN	34.9	43.0	42.5	39.9	8-14	450-800	0.7	40
LONG BRANCH RANGE	34.7	40.0	41.3	40.3	8-14	650-1340	0.8	40
TERMINAL CHANNEL	18.6	27.6	22.7	19.8	8-14	559-1340	3.8	30-40

A: EXCEPT FOR A 36 FT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 30°23'37.1" N, 081°37'25.6" W
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 18502 NM 14/15

GRAYS HARBOR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2006 AND SURVEYS TO FEB 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 (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	45.0	46.0	46.0	8-13	1000	4.6	46
ENTRANCE CHANNEL	35.0	41.0	30.0	2-14	900-600	1.8	42
PT CHEHALIS REACH	37.0	35.0	28.0	2-14	600	1.2	40
SOUTH REACH	29.0	35.0	35.0	8-13; 2-14	600-350	4.1	36
CROSSOVER CHANNEL	22.0	27.0	23.0	2,5-05; 8,12-13	350-450	2.5	36
NORTH CHANNEL	27.0	30.0	23.0	8-13	450-350	2.4	36
HOQUIAM REACH	19.0	32.0	26.0	8-13	350	1.9	36
COW POINT REACH	24.0	36.0	33.0	8,12-13; 1-14	350-900	1.8	36
ABERDEEN REACH	18.0	22.0	26.0	8-13; 1-14	550-200	2.6	32
TURNING BASIN	30.0	29.0	23.0	8-13	200-550	0.3	32
THENCE TO COSMOPOLIS	23.0	25.0	27.0	8-13	200	0.8	32

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

Chart 18584 NM 14/15

UMPQUA RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014 AND SURVEYS TO MAR 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 MLLW (FEET)
UMPQUA RIVER ENTRANCE							
ENTRANCE CHANNEL	21	25	28	2-14	---	1.2	26
UMPQUA RIVER TURN	23	23	24	2-14	200	1.3	22
SALMON HARBOR REACH	22	20	18	2-14	200	2.1	22
BARRETTS RANGE	19	20	20	2-14	200	2.0	22
MILE SIX BAR	21	20	20	2-14	200	2.2	22
CANNERY SANDS							
JCT TO LEEDS ISLAND LIGHT	13	13	12	2-14	200	1.8	22
GARDINER CHANNEL	11	10	3	2-14	200	1.2	22
TURNING BASIN	5	1	0	2-14	---	0.2	22
REEDSPORT REACH							
CHANNEL (9.65-10.8)	15	16	16	3-14	200	1.15	22
TURNING BASIN	23	24	23	3-14	600	0.2	22
CHANNEL (11.0-11.8)	12	11	3	3-14	200	0.8	22
WINCHESTER BAY							
WEST CHANNEL	6	7	11	3-14	100	0.8	16
EAST CHANNEL (0.0-0.7)	8	11	8	3-14	100	0.7	16
EAST CHANNEL (0.7-0.9)	8	4	3	3-14	75	0.2	12

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