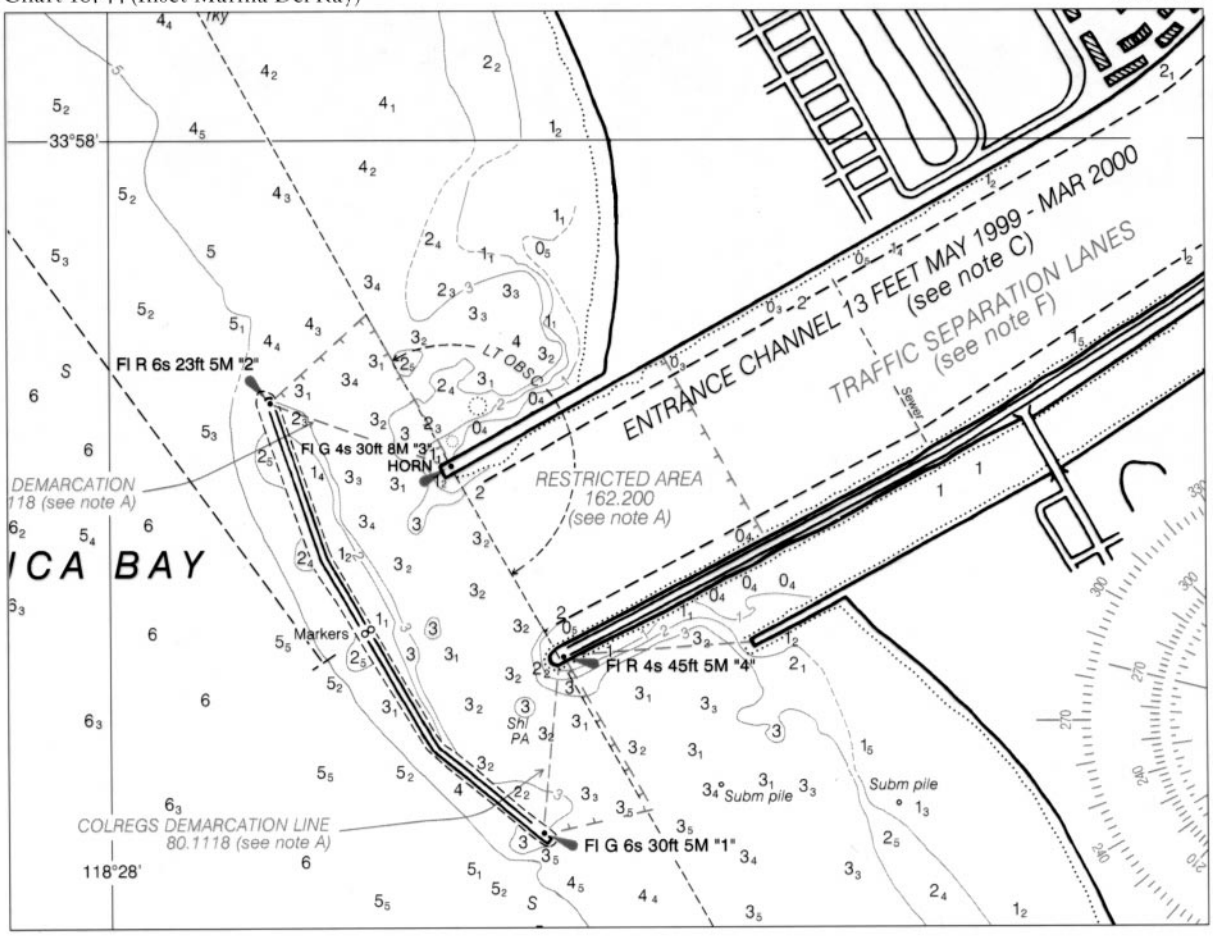
Chart 18744 (Inset Marina Del Ray) NM 4/01



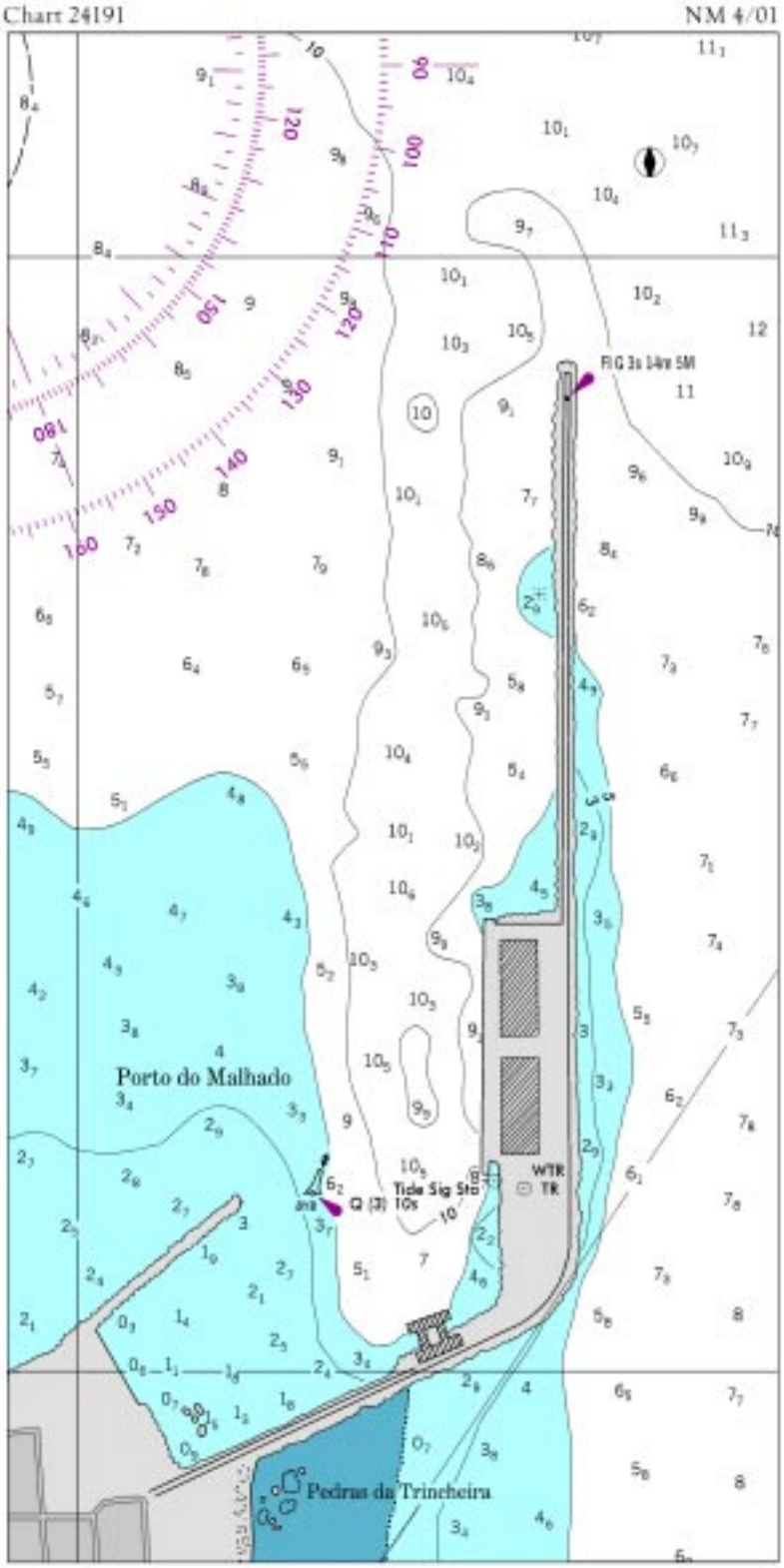


Chart 24191
NM 4/01
Porto do Malhado
Pedras da Trincheira
Q (3) 10s
Tide Sig Sta
WTR
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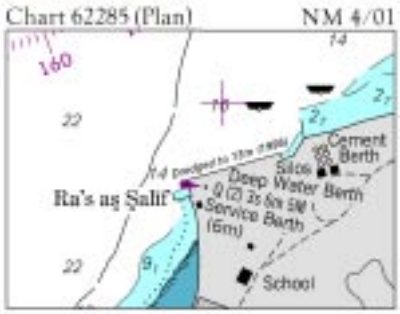
Chart 62285 (Plan)
NM 4/01
160
22
14
Cement
Berth
Silos
Deep Water Berth
Ra's aş Şalif
Service Berth
(6m)
School

Chart 11470 NM 4/01

PORT EVERGLADES CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JULY 2000
AND SURVEYS TO JUNE 2000

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER BAR CUT (FROM SEA BUOY 2 TO EAST END OF SOUTH JETTY)	45.2	46.7	45.4	A44.0	6-00	500-450	1.0	45
BAR CUT (EAST END SOUTH JETTY TO TURNING BASIN, LT 9)	40.5	44.5	44.8	43.6	6-00	450	0.5	42

A. SHOALING TO 27.0 FEET AT 26°05'39.2"N, 80°06'16.9"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side A) NM 4/01

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2000
AND SURVEYS TO FEB 2000

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	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	38.2	40.9	41.7	35.9	2-00	800	2.1	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	34.1	37.1	37.4	32.7	2-00	800	1.5	38
PILOT TOWN CUT RANGE	27.5	38.8	39.1	36.0	2-00	950	1.0	38
MAYPORT CUT RANGE	37.5	38.8	39.0	35.1	2-00	1050	0.7	38
SHERMAN CUT RANGE	38.0	39.0	38.9	34.9	2-00	950-650	0.5	38
MILE POINT LOWER RANGE AND TURN	38.9	38.3	37.2	28.4	2-00	650	0.9	38
TRAINING WALL REACH	37.9	38.9	38.8	35.1	2-00	650-500	1.1	38
SHORT CUT TURN	34.7	40.8	41.7	40.6	2-00	600	0.4	38
WHITE SHELLS CUT RANGE	35.8	38.3	38.4	40.1	2-00	580-1280	0.7	38
ST. JOHNS BLUFF REACH	36.5	37.3	37.0	36.7	2-00	1200-1100	0.6	38
DAMES PT.-FULTON CUTOFF	31.7	34.2	35.3	34.5	2-00	1280-500	2.7	38
DAMES PT. TURN	31.7	38.3	37.8	27.0	2-00	900-1200	0.4	38
QUARANTINE I. UPPER RANGE	35.2	38.6	39.1	34.9	2-00	1000-550	0.7	38
BRILLS CUT RANGE	36.8	37.9	38.2	34.3	2-00	550-450	0.8	38
BROWARD POINT TURN	21.9	38.4	37.8	37.7	2-00	625-850	1.0	38
BLOUNT ISLAND CHANNEL	23.3	31.0	29.5	27.0	2-00	300-800	1.7	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 4/01

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2000
AND SURVEYS TO FEB 2000

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
QUARANTINE I. UPPER RANGE	35.2	38.6	39.1	34.9	2-00	1000-550	0.7	38
BRILLS CUT RANGE	36.8	37.9	38.2	34.3	2-00	550-450	0.8	38
BROWARD POINT TURN	21.9	38.4	37.8	37.7	2-00	625-850	1.0	38
DRUMMOND CREEK RANGE	37.6	38.5	37.9	32.1	2-00	650-400	1.5	38
TROUT RIVER CUT RANGE	35.2	37.7	40.2	37.2	2-00	400-500	1.0	38
CHASEVILLE TURN	33.5	38.5	37.9	36.2	2-00	500-700	0.6	38
LONG BRANCH RANGE	35.6	37.7	40.5	36.7	2-00	650-2000	0.7	38
TERMINAL CHANNEL	26.3	30.2	31.5	28.1	2-00	575-1025	3.0	34-38

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 18521 NM 4/01

BAKER BAY WEST CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2000

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)
DAY BEACON #6 TO FORT CANBY	4	15	16	10-00	150	1.3	10
THENCE TO ILWACO	15	15	13	10-00	150	0.9	10
MOORING BASIN A B	3	3	3	1980	-	-	-

A. SHOALING TO 2 FEET ON RIGHT HALF, BETWEEN THE BREAKWATERS.
B. BASIN LOCALLY MAINTAINED. NO RECENT SURVEYS AVAILABLE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18521 NM 4/01

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2000

* 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 * (MILES)	DEPTH * (FEET)
ENTRANCE RANGE	59	57	54	42	9-00	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	51	55	55	48	9-00	2640	2.2	48
LOWER DESDEMONA SHOAL	46	47	44	41	5-99;9-00	600	3.4	40
UPPER DESDEMONA SHOAL	41	45	47	46	9-00	600	3.7	40
TANSY POINT TURN AND RANGE	41	41	42	30	9-00	600	4.7	40
ASTORIA RANGE	41	41	41	38	9-00	600	2.7	40
TONGUE POINT CHANNEL	38	41	43	41	8-00	600	2.2	40
HARRINGTON POINT RANGE	39	41	41	39	8,9-00	600	2.6	40
MILLER SANDS RANGE	37	41	41	42	9-00	600	2.2	40

* 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. PROJECT LENGTHS ARE IN STATUTE MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18524 NM 4/01

COLUMBIA RIVER CHANNEL DEPTHS
GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2000

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						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 I TURN AND CHANNEL	43	44	39	34	9,10-00	600	2.2	40
STELLA RANGE	38	41	41	39	9-00	600	2.6	40
FISHER I CHANNEL	38	42	42	38	9-00	600	0.9	40
WALKER I CHANNEL	42	42	39	36	9-00	600	1.5	40
BARLOW PT. CHANNEL	44	46	45	42	9-00	600	1.3	40
SLAUGHTERS CHANNEL	38	40	40	40	9,10-00	600	2.5	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	37	39	41	38	10-00	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	39	40	40	40	10-00	600	1.7	40
COTTONWOOD ISLAND TURN	40	40	39	34	8,10-00	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE AND TURN	38	38	39	41	8,10-00	600	1.6	40
KALAMA LOWER RANGE	42	41	40	37	10-00	600	1.6	40
KALAMA UPPER RANGE	39	42	41	40	10-00	600	2.2	40
BYBEE LEDGE CHANNEL	40	41	41	40	10-00	600	2.1	40
MARTIN ISLAND CHANNEL	42	41	41	37	10-00	600	2.1	40
MARTIN ISLAND RANGE	40	42	41	40	10-00	600	1.4	40
COLUMBIA CITY CHANNEL	40	40	41	43	10-00	600	1.2	40
ST. HELENS RANGE	38	40	41	38	10-00	600	2.0	40
ST. HELENS TURN	44	44	42	38	10-00	600	1.7	40

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

Chart 62396 NM 4/01

RESTRICTED AREA

No vessel over 20 meters in length may enter this area without prior clearance from the Royal Navy of Oman. For clearance, call Ra's Musandam Base (A4N) on VHF channel 16.