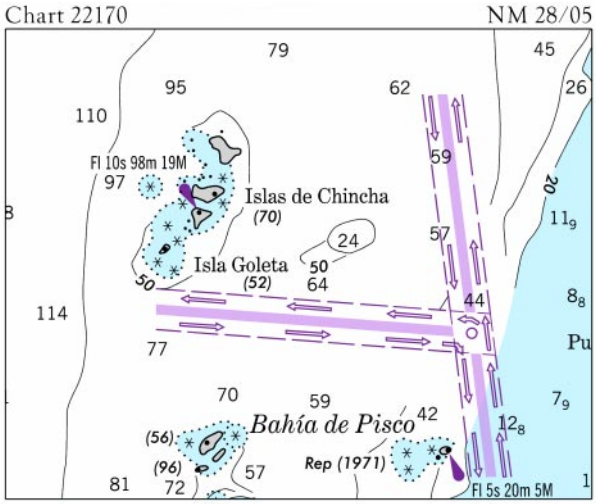
Chart 22170
NM 28/05
79
45
95
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Fl 10s 98m 19M
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Islas de Chincha
(70)
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42
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Bahía de Pisco
12
(56)
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Fl 5s 20m 5M
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Chart 11305 NM N28/05

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005

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)
ARANSAS PASS OUTER BAR	46.0	47.0	47.0	46.0	11-04	700-600	2.42	47
JETTY CHANNEL TO CLINE POINT	49.0	46.0	45.0	45.0	11-04	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	42.0	48.0	46.0	47.0	11-04	600-1559	0.5	45
CLINE POINT TO WEST END HUMBLE OIL CO. BASIN	51.0	56.0	56.0	51.0	11-04	600	0.5	45
THENCE TO CORPUS CHRISTI	29.0	35.0	42.0	37.0	10,12-04	600-300	17.9	45
CHANNEL TO LA QUINTA	42.0	43.0	40.0	38.0	10-04	300-400	4.7	45

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

Chart 11309 NM 28/05

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005

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)
ARANSAS PASS OUTER BAR	46.0	47.0	47.0	46.0	11-04	700-600	2.42	47
JETTY CHANNEL TO CLINE POINT	49.0	46.0	45.0	45.0	11-04	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	42.0	48.0	46.0	47.0	11-04	600-1559	0.5	45
CLINE POINT TO WEST END HUMBLE OIL CO. BASIN	51.0	56.0	56.0	51.0	11-04	600	0.5	45
THENCE TO CORPUS CHRISTI	29.0	35.0	42.0	37.0	10,12-04	600-300	17.9	45
CHANNEL TO LA QUINTA	42.0	43.0	40.0	38.0	10-04	300-400	4.7	45
TURNING BASIN	43.0	44.0	45.0	45.0	10-04	1200	.30	45

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

Chart 11310 NM N28/05

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005

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)
JETTY CHANNEL TO CLINE POINT	49.0	46.0	45.0	45.0	11-04	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	42.0	48.0	46.0	47.0	11-04	600-1559	0.5	45
CLINE POINT TO WEST END HUMBLE OIL CO. BASIN	51.0	56.0	56.0	51.0	11-04	600	0.5	45
THENCE TO CORPUS CHRISTI	29.0	35.0	42.0	37.0	10,12-04	600-300	17.9	45

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

Chart 11312 NM 28/05

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005

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)
ARANSAS PASS OUTER BAR	46.0	47.0	47.0	46.0	11-04	700-600	2.42	47
JETTY CHANNEL TO CLINE POINT	49.0	46.0	45.0	45.0	11-04	600	1.11	47-45
INNER BASIN AT HARBOR ISLAND	42.0	48.0	46.0	47.0	11-04	600-1559	0.5	45
CLINE POINT TO WEST END								
HUMBLE OIL CO. BASIN	51.0	56.0	56.0	51.0	11-04	600	0.5	45
THENCE TO CORPUS CHRISTI	29.0	35.0	42.0	37.0	10,12-04	600-300	17.9	45
CHANNEL TO LA QUINTA	42.0	43.0	40.0	38.0	10-04	300-400	4.7	45

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

Chart 11318 NM N28/05

CORPUS CHRISTI CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005

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)
CORPUS CHRISTI CHANNEL	29.0	35.0	42.0	37.0	10, 12-04	600-300	18.3	45
CHANNEL TO LA QUINTA	42.0	43.0	40.0	38.0	10-04	300-400	4.7	45
TURNING BASIN	43.0	44.0	45.0	45.0	10-04	1200	0.3	45

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

Chart 11389 NM 28/05

PORT ST. JOE AND PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2005

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)
PORT ST. JOE HARBOR							
ENTRANCE CHANNEL	30.6	30.2	30.2	11-04	300-500	8.0	35-37
NORTH CHANNEL	25.9	26.1	26.1	11-04	300	4.1	35
TURNING BASIN	26.1	26.0	25.5	11-04	650	0.3	32
HARBOR CHANNEL	25.8	26.0	26.1	11-04	250	0.3	35
PANAMA CITY HARBOR							
ENTRANCE CHANNEL	36.0	36.0	34.5	2-05	450-300	2.1	38-36

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

Chart 11390 (Side A) NM 28/05

PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2005

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)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36.0	36.0	34.5	2-05	450-300	2.1	38-36

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

Chart 11391 NM 28/05

PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2005

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)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36.0	36.0	34.5	2-05	450-300	2.1	38-36

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

Chart 11393 (Side A) NM 28/05

PORT ST. JOE HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2004

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)
PORT ST. JOE HARBOR							
ENTRANCE CHANNEL	30.6	30.2	30.2	11-04	300-500	8.0	35-37
NORTH CHANNEL	25.9	26.1	26.1	11-04	300	4.1	35
TURNING BASIN	26.1	26.0	25.5	11-04	650	0.3	32
HARBOR CHANNEL	25.8	26.0	26.1	11-04	250	0.3	35

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

Chart 18521 NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 10, 2005

* SEE FOOTNOTES						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)
ENTRANCE RANGE	57	58	53	43	4-05	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	49	54	50	45	4-05	2640	2.2	48
LOWER DESDEMONA SHOAL	45	45	42	37	3-05	600	3.4	40
UPPER DESDEMONA SHOAL	42	44	45	44	3-05	600	3.6	40
TANSY POINT TURN AND RANGE	40	41	42	36	3-05	600	4.8	40
ASTORIA RANGE	40	41	42	39	3-05	600	2.7	40
TONGUE POINT CHANNEL	39	41	41	41	4-05	600	2.2	40
HARRINGTON POINT RANGE	40	41	42	37	4-05	600	2.6	40
MILLER SANDS RANGE	38	42	40	36	4-05	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

* 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 18523 NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 10, 2005

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * 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 (STAT. MILES)	DEPTH CRD (FEET)
MILLER SANDS RANGE	38	42	40	36	4-05	600	2.2	40
PILLAR ROCK LOWER RANGE	39	39	39	38	4-05	600	3.0	40
PILLAR ROCK UPPER RANGE	33	42	41	41	4-05	600	1.9	40
WELCH ISLAND REACH	43	43	45	36	4-05	600	3.2	40
SKAMOKAWA CHANNEL	26	40	40	36	4-05	600	3.3	40
STEAMBOAT REACH	50	47	41	39	4-05	600	1.4	40
PUGET ISLAND RANGE AND TURN	40	42	42	39	4-05	600	3.5	40
WAUNA RANGE	40	41	41	38	2-05	600	2.2	40
DRISCOLL RANGE	38	40	41	41	2-05	600	1.7	40
WESTPORT TURN AND RANGE	38	40	42	41	2-05	600	2.0	40
WESTPORT CHANNEL	38	40	41	39	4-05	600	2.4	40
EUREKA LOWER CHANNEL	46	45	46	43	4-05	600	2.1	40
EUREKA UPPER CHANNEL	42	43	43	41	4-05	600	0.8	40
OAK POINT CHANNEL	45	45	44	43	4-05	600	2.4	40
GULL I TURN AND CHANNEL	46	48	43	39	4-05	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

Chart 18524 (Left Panel) NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 10, 2005

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * 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 (STAT. MILES)	DEPTH CRD (FEET)
GULL I TURN AND CHANNEL	46	48	43	40	4-05	600	2.2	40
STELLA RANGE	38	41	39	35	4-05	600	2.8	40
FISHER I CHANNEL	38	43	43	41	4-05	600	0.9	40
WALKER I CHANNEL	40	42	42	40	4-05	600	1.5	40
BARLOW PT. CHANNEL	41	44	42	39	4-05	600	1.3	40
SLAUGHTERS CHANNEL	39	39	40	39	4-05	600	2.3	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	40	41	42	38	4-05	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	38	41	40	40	4-05	600	1.7	40
COTTONWOOD ISLAND TURN	43	43	40	37	4-05	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE	41	42	42	40	4-05	600	1.6	40
KALAMA LOWER RANGE	42	42	41	36	4-05	600	1.8	40
KALAMA UPPER RANGE	39	41	41	39	4-05	600	2.2	40
BYBEE LEDGE CHANNEL	39	42	42	41	4-05	600	2.1	40
MARTIN ISLAND CHANNEL	42	41	41	39	4-05	600	2.1	40
MARTIN ISLAND RANGE	40	42	42	41	4-05	600	1.4	40
COLUMBIA CITY CHANNEL	40	40	40	39	4-05	600	1.2	40
ST. HELENS RANGE	39	43	42	38	4-05	600	2.0	40
ST. HELENS TURN	43	44	42	38	4-05	600	1.7	40

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18525 NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
SAINT HELENS TURN TO TOMAHAWK BAR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF MAY 10, 2005

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * 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 (STAT. MILES)	DEPTH CRD (FEET)
ST. HELENS TURN	43	44	42	38	4-05	600	1.7	40
WARRIOR ROCK RANGE	40	41	40	39	4-05	600	1.3	40
DUCK CLUB TURN	37	41	42	43	4-05	600	1.4	40
HENRICI RANGE	40	40	40	39	3-05	600	2.6	40
FALES CHANNEL	42	42	40	38	3-05	600	1.1	40
KNAPP POINT CHANNEL	43	43	42	40	3-05	600	1.8	40
WILLOW LOWER RANGE	41	43	41	38	3-05	600	2.1	40
WILLOW UPPER RANGE	42	44	43	45	4-05	600	1.1	40
MORGAN BAR	43	47	59	49	4-05	600	1.0	40
MORGAN CHANNEL	46	44	42	41	4-05	600	1.5	40
VANCOUVER LOWER CHANNEL	47	47	50	48	4-05	500	1.0	40
VANCOUVER RANGE	42	43	43	41	4-05	500	1.3	40
VANCOUVER UPPER CHANNEL	43	43	40	40	4-05	500	0.9	40
VANCOUVER LOWER TURNING BASIN	36	37	42	41	3-05	800	1.0	40
VANCOUVER UPPER TURNING BASIN	34	25	26	23	3-05	800	0.9	35
TOMAHAWK BAR	18	18	18	17	11-03	300	3.7	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18526 NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
MORGAN CHANNEL TO TOMAHAWK BAR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 10, 2005

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * 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 (STAT. MILES)	DEPTH CRD (FEET)
MORGAN CHANNEL	46	44	42	41	4-05	600	1.5	40
VANCOUVER LOWER CHANNEL	47	47	50	48	4-05	500	1.0	40
VANCOUVER RANGE	42	43	43	41	4-05	500	1.3	40
VANCOUVER UPPER CHANNEL	43	43	40	40	4-05	500	0.9	40
VANCOUVER LOWER TURNING BASIN	36	37	42	41	3-05	800	1.0	40
VANCOUVER UPPER TURNING BASIN	34	25	26	23	3-05	800	0.9	35
TOMAHAWK BAR	18	18	18	17	11-03	300	3.7	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18531 NM 28/05

COLUMBIA RIVER CHANNEL DEPTHS
TOMAHAWK BAR TO BONNEVILLE LOCKS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 10, 2005

CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
TOMAHAWK BAR	18	18	17	11-03	300	3.7	27
AIRPORT BAR	18	18	18	3-04	300	2.8	27
GOVERNMENT ISLAND LOWER RANGE	16	17	17	3-04	300	1.1	27
GOVERNMENT ISLAND MIDDLE RANGE	14	18	16	3-04	300	1.6	27
FISHER QUARRY CHANNEL RANGE	26	24	21	3-04	300	1.0	27
GOVERNMENT ISLAND RANGE	25	30	25	3-04	300	1.1	27
GOVERNMENT ISLAND UPPER RANGE	17	18	21	3-04	300	0.8	27
LADY ISLAND RANGE	18	21	23	3-04	300	2.1	27
LADY ISLAND CHANNEL AND UPPER RANGE	28	28	19	3-04	300	0.9	27
WASHOUGAL LOWER RANGE	21	28	28	3-04	300	1.5	27
WASHOUGAL UPPER RANGE	19	26	30	3-04	300	1.1	27
GARY ISLAND RANGE	16	15	15	3-04	300	0.9	27
REED ISLAND RANGE	18	15	14	10-03, 3-04	300	2.2	27
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8	27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2	27
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4	27
CANDIANA CHANNEL	16	38	36	10-03	300	1.0	27
FASHION REEF LOWER RANGE	12	19	21	10-03	300	2.2	27
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300	1.3	27
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300	0.8	27
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300	3.2	27
MCGOWANS CHANNEL	39	34	25	11-03	300	1.1	27
WARRENDALE LOWER RANGE	20	22	23	11-03	300	0.9	27
WARRENDALE UPPER RANGE	21	28	22	11-03	300	0.8	27
HAMILTON ISLAND REACH	21	30	27	11-03	300	0.9	27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

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