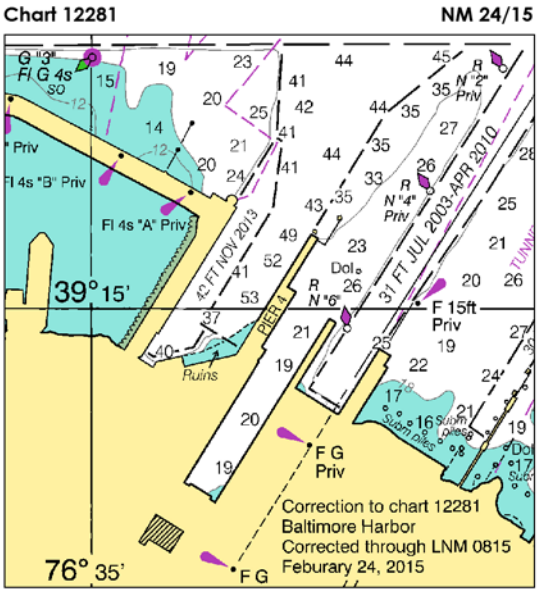
Chart 12281
NM 24/15
Fl G 4s
Fl 4s "B" Priv
Fl 4s "A" Priv
39° 15'
76° 35'
40 FT NOV 2013
31 FT JUL 2003-APR 2010
PIER A
Ruins
F 15ft
Priv
F G
Priv
F G
Correction to chart 12281
Baltimore Harbor
Corrected through LNM 0815
Feburary 24, 2015

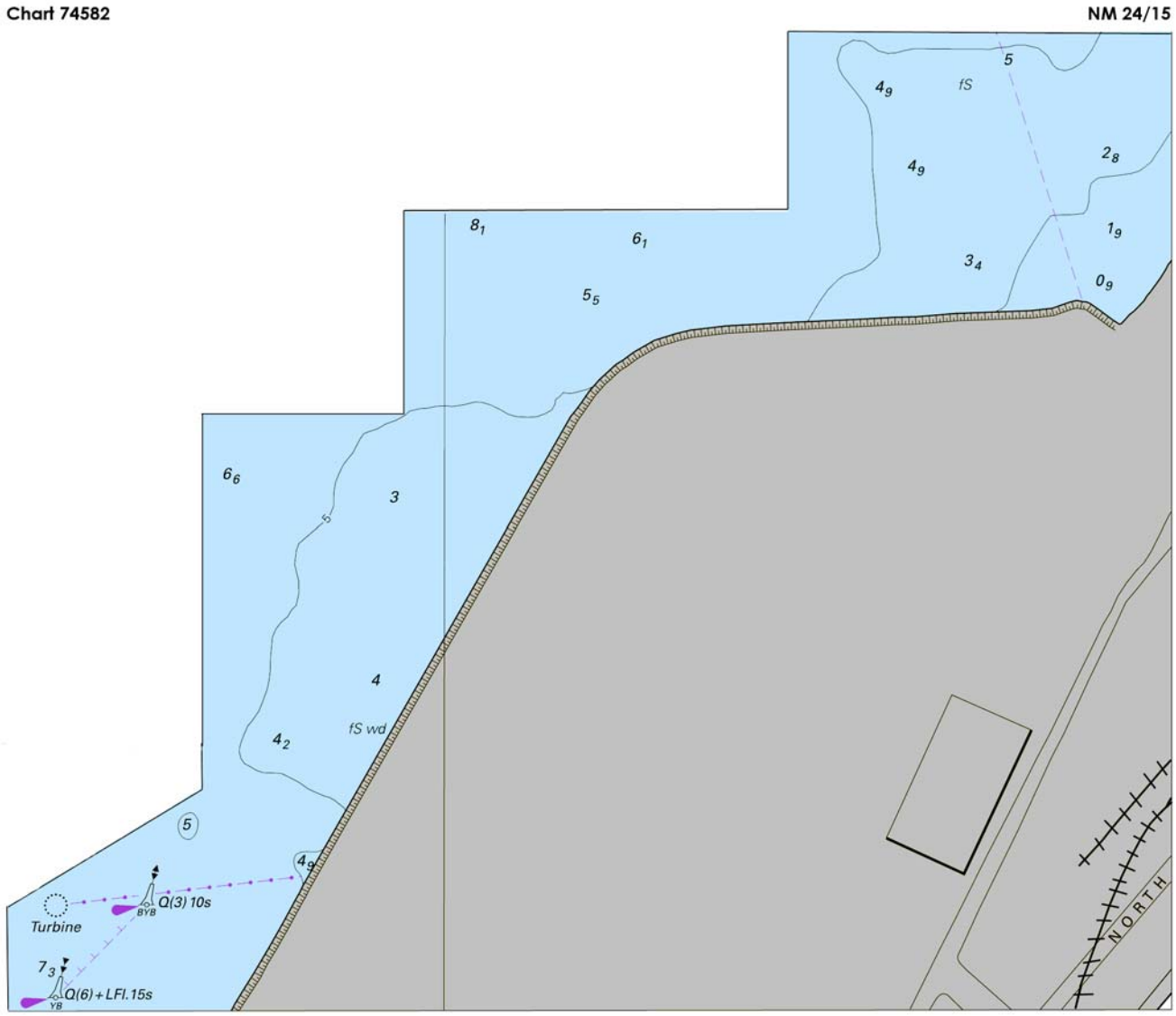
Chart 74582
NM 24/15
5
4 9
fS
4 9
2 8
1 9
0 9
3 4
8 1
6 1
5 5
6 6
3
4
4 2
fS wd
5
4 9
Q(3) 10s
BYB
Turbine
7 3
Q(6)+LFl.15s
YB
NORTH

Chart 12225 NM 24/15

RAPPAHANNOCK SHOAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 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)
RAPPAHANNOCK SHOAL CHANNEL	48.0	49.0	50.0	47.0	8-14	1000A	12.7	50

A. CHANNEL WIDTH MAINTAINED TO 800 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12226 NM 24/15

RAPPAHANNOCK SHOAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 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)
RAPPAHANNOCK SHOAL CHANNEL	48.0	49.0	50.0	47.0	8-14	1000A	12.7	50

A. CHANNEL WIDTH MAINTAINED TO 800 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12278 NM 24/15

BALTIMORE HARBOR 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 (MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	45.0	49.0	51.0	45.0	5-14	700	3.79	50
CRAIGHILL CHANNEL	45.0	50.0	51.0	45.0	5-14	700	3.24	50
CRAIGHILL ANGLE	43.0	45.0	46.0	43.0	4-14	700-1870	1.88	50
CRAIGHILL CHANNEL UPPER RANGE	47.0	52.0	52.0	49.0	6-14	700	2.00	50
CUTOFF ANGLE	47.0	47.0	49.0	47.0	4-14	700-1740	1.14	50
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	5-14	700	3.50	50
BREWERTON ANGLE	48.0	48.0	49.0	47.0	7-14	700-1460	1.10	50
FORT MCHENRY CHANNEL	45.0	49.0	49.0	48.0	7-14	700	4.22	50
CURTIS BAY CHANNEL	44.0	45.0	46.0	46.0	9-14	400-1275	2.25	50
BREWERTON CHANNEL EASTERN EXTENSION	32.0	32.0	35.0	33.0	6-14	600	6.33	35
SWAN POINT CHANNEL	35.0	34.0	34.0	35.0	12-12	600	3.13	35
TOLCHESTER CHANNEL	31.0	35.0	35.0	33.0	10-13	450-600	10.87 **	35

* ALL DEPTHS REPORTED TO NEAREST FOOT
** THE LAST 1.88 NM OVERLAPS WITH THE CHESAPEAKE AND DELAWARE CANAL CHANNEL
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12278 NM 24/15

CURTIS CREEK 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	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CURTIS CREEK							
LOWER REACH	32.0	33.0	34.0	9-14	200	0.79	35
UPPER REACH	16.0	13.0	14.0	9-14	100-380	1.45	22

* ALL DEPTHS REPORTED TO NEAREST FOOT

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

Chart 12281 NM 24/15

BALTIMORE HARBOR 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 (MILES)	DEPTH MLLW (FEET)
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	5-14	700	3.50	50
BREWERTON ANGLE	48.0	48.0	49.0	47.0	7-14	700-1460	1.10	50
FORT MCHENRY CHANNEL	45.0	49.0	49.0	48.0	7-14	700	4.22	50
FERRY BAR CHANNEL	36.0	41.0	35.0	38.0	9-14	600	1.50	42
CURTIS BAY CHANNEL	44.0	45.0	46.0	46.0	9-14	400-1275	2.25	50
NORTHWEST HARBOR								
EAST CHANNEL	41.0	45.0	46.0	44.0	4-14	600-950	1.52	49
WEST CHANNEL	37.0	40.0	40.0	37.0	4-14	600-1068	1.38	40

* ALL DEPTHS REPORTED TO NEAREST FOOT

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

Chart 12281 NM 24/15

CURTIS CREEK 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	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CURTIS CREEK							
LOWER REACH	32.0	33.0	34.0	9-14	200	0.79	35
UPPER REACH	16.0	13.0	14.0	9-14	100-380	1.45	22

* ALL DEPTHS REPORTED TO NEAREST FOOT

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

Chart 12288 NM 24/15

POTOMAC RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014 AND SURVEYS TO JUL 2014

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
MATTAWOMAN BAR	19.0	19.0	20.0	7-14	200	3.0	24

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

Chart 12289 NM 24/15

POTOMAC RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014 AND SURVEYS TO JUL 2014

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
MATTAWOMAN BAR	19.0	19.0	20.0	7-14	200	3.0	24
MARSHALL HALL BAR	23.0	23.0	24.0	7-14	200	2.0	24

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

Chart 18445 (Page F) NM 24/15

OLYMPIA HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2014 AND SURVEYS TO OCT 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)
OLYMPIA CHANNEL (A)								
STA. 0+00 TO STA. 102+56	28.0A	31.0A	30.0A	30.0A	10-13	500	1.90B	30
OLYMPIA CHANNEL (B)								
STA. 102+56 TO STA. 135+30	28.5	30.6	29.8	16.3	10-13	350	.60	30
OLYMPIA CHANNEL (C)								
STA. 135+30 TO STA. 156+50	23.8	31.3	28.9	29.1	10-13	371	.40	30
TURNING BASIN								
STA. 126+61 TO STA. 156+50	22.6	22.6	22.6	22.6	10-13	429	.60	30
OLYMPIA EAST BAY CHANNEL								
STA. 102+56 TO STA. 135+30	13.6	14.3	14.3	9.9	10-13	150	.70	13
EAST BAY ACCESS CHANNEL (A)								
STA. 37+30 TO STA. 67+35	9.0A	11.0A	11.0A	12.0A	10-13	100	.60B	13
EAST BAY ACCESS CHANNEL (B)								
STA. 38+67 TO STA. 40+66	4.4	4.4	4.4	4.4	10-13	176	.10	13

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

A. TABULATION VALUES SELECTED BY THE OFFICE OF COAST SURVEY.

B. FULL EXTENT OF CHANNEL IS NOT SHOWN DUE TO SIGNIFICANT SHOALING.

Chart 18456 NM 24/15

OLYMPIA HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2014 AND SURVEYS TO OCT 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)
OLYMPIA CHANNEL (A)								
STA. 0+00 TO STA. 102+56	28.0A	31.0A	30.0A	30.0A	10-13	500	1.90B	30
OLYMPIA CHANNEL (B)								
STA. 102+56 TO STA. 135+30	28.5	30.6	29.8	16.3	10-13	350	.60	30
OLYMPIA CHANNEL (C)								
STA. 135+30 TO STA. 156+50	23.8	31.3	28.9	29.1	10-13	371	.40	30
TURNING BASIN								
STA. 126+61 TO STA. 156+50	22.6	22.6	22.6	22.6	10-13	429	.60	30
OLYMPIA EAST BAY CHANNEL								
STA. 102+56 TO STA. 135+30	13.6	14.3	14.3	9.9	10-13	150	.70	13
EAST BAY ACCESS CHANNEL (A)								
STA. 37+30 TO STA. 67+35	9.0A	11.0A	11.0A	12.0A	10-13	100	.60B	13
EAST BAY ACCESS CHANNEL (B)								
STA. 38+67 TO STA. 40+66	4.4	4.4	4.4	4.4	10-13	176	.10	13

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

A. TABULATION VALUES SELECTED BY THE OFFICE OF COAST SURVEY.

B. FULL EXTENT OF CHANNEL IS NOT SHOWN DUE TO SIGNIFICANT SHOALING.

Chart 18521 NM 24/15

COLUMBIA RIVER CHANNEL DEPTHS

ENTRANCE TO MILLER SANDS RANGE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (Feet)
Entrance Range **	56	54	52	**	16-Apr-14	2000	3.3	55
	**	**	**	43	16-Apr-14	640	3.3	48
Sand Island Range **	50	51	50	**	16-Apr-14	2000	2.2	55
	**	**	**	42	16-Apr-14	640	2.2	48
Lower Desdemona Sands	46	47	48	50	4-Jun-14	600	3.4	43
Upper Desdemona Sands	42	45	44	40	9-Jun-14	600	3.6	43
Tansy Point Turn & Range	39	42	43	36	11-Jun-14	600	4.8	43
Astoria Range	42	44	43	41	11-Jun-14	600	2.7	43
Tongue Point Channel	40	44	45	44	2-Jun-14	600	2.2	43
Harrington Point Range	41	43	43	36	16-Jun-14	600	2.6	43
Miller Sands Range	45	45	44	39	16-Jun-14	600	2.2	43

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx Channel status reports

** Channel width is 2640 feet with two controlling depths, northern width is 2000 feet and southern width is 640 feet

Chart 18523 **NM 24/15**

COLUMBIA RIVER CHANNEL DEPTHS
PILLAR ROCK LOWER RANGE TO GULL ISLAND TURN AND CHANNEL
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (Feet)
Miller Sands Range	45	45	44	39	16-Jun-14	600	2.2	43
Pillar Rock Lower Range	39	41	41	39	17-Jun-14	600	3	43
Pillar Rock Upper Range	37	43	45	44	23-Apr-14	600	1.9	43
Welch Island Reach	46	50	44	31	23-Apr-14	600	3.2	43
Skamokawa Channel	39	42	40	37	18-Jun-14	600	3.3	43
Steamboat Reach	45	46	45	41	18-Jun-14	600	1.4	43
Puget Island Range & Turn	43	43	41	40	22-May-14	600	3.5	43
Wauna Range	41	41	39	38	19-Jun-14	600	2	43
Driscoll Range	39	42	42	42	19-Jun-14	600	1.7	43
Westport Turn & Range	38	44	43	42	3-Jun-14	600	2	43
Westport Channel	40	43	42	39	18-Jun-14	600	2.4	43
Eureka Lower Channel	46	45	49	42	18-Jun-14	600	2.1	43
Eureka Upper Channel	41	43	44	41	18-Jun-14	600	0.8	43
Oak Point Channel	43	41	44	42	13-May-14	600	3	43
Gull Island Turn and Channel	46	43	40	37	12-Jun-14	600	2.2	43

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx
Channel status reports

Chart 18524 (Left Panel) **NM 24/15**

COLUMBIA RIVER CHANNEL DEPTHS
GULL ISLAND TURN AND CHANNEL TO ST HELENS TURN
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (Feet)
Gull Island Turn and Channel	46	43	40	37	12-Jun-14	600	2.2	43
Stella Range	38	39	41	38	12-Jun-14	600	3.0	43
Fisher Island Channel	43	42	45	39	10-Jun-14	600	0.8	43
Walker Island Channel	43	40	41	38	10-Jun-14	600	1.4	43
Barlow Pt Channel	48	48	46	41	10-Jun-14	600	1.6	43
Slaughters Channel	40	42	42	39	17-Jun-14	600	2.2	43
Slaughters Turn and Channel	40	38	41	39	17-Jun-14	600	1.7	43
Cottonwood Island Lower Rge	40	42	38	37	16-Jun-14	600	1.7	43
Cottonwood Island Turn	44	43	43	37	16-Jun-14	600	2.7	43
Cottonwood Island Upper Rge	43	42	42	22	10-Jun-14	600	1.6	43
Kalama Lower Range	42	45	41	33	10-Jun-14	600	1.8	43
Kalama Upper Range	38	40	41	40	10-Jun-14	600	2.2	43
Bybee Ledge Channel	39	42	43	40	9-Jun-14	600	2.1	43
Martin Island Channel	43	41	39	38	9-Jun-14	600	2	43
Martin Island Range	39	42	42	41	9-Jun-14	600	1.4	43
Columbia City Channel	38	42	41	38	9-Jun-14	600	1.2	43
St. Helens Range	40	44	43	38	5-Jun-14	600	2.0	43
St. Helens Turn	42	43	46	40	5-Jun-14	600	1.7	43

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx
Channel status reports

Chart 18525 **NM 24/15**

COLUMBIA RIVER CHANNEL DEPTHS
SAINT HELENS TURN TO TOMAHAWK BAR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (Feet)
St. Helens Turn	42	43	46	40	5-Jun-14	600	1.7	43
Warrior Rock Range	40	42	44	41	4-Jun-14	600	1.3	43
Duck Club Turn	39	42	42	42	4-Jun-14	600	1.4	43
Henrici Range	38	41	41	38	4-Jun-14	600	2.6	43
Fales Channel	43	43	41	39	4-Jun-14	600	1.1	43
Knapp Point Channel	41	42	42	39	3-Jun-14	600	1.8	43
Willow Lower Range	39	42	41	40	3-Jun-14	600	2.1	43
Willow Upper Range	40	42	43	43	5-May-14	600	1.1	43
Morgan Bar	43	46	49	50	5-May-14	600	1.0	43
Morgan Channel	44	44	46	43	5-May-14	600	1.5	43
Vancouver Lower Channel	46	48	47	37	30-Apr-14	500	1.0	43
Vancouver Range	44	42	43	39	30-Apr-14	500	1.3	43
Vancouver Upper Channel	45	45	43	40	30-Apr-14	500	0.9	43
Vancouver Lower Turning Basin	42	39	36	42	3-Jun-14	800	1.0	43
Vancouver Upper Turning Basin	37	30	27	22	3-Jun-14	800	0.9	35
	Mid Channel for Half Project Width							
		L Outside	Mid Channel	R Outside				
Tomahawk Bar		15	15	18	22-Apr-14	300	3.7	27

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx *Channel status reports*

Chart 18526 **NM 24/15**

COLUMBIA RIVER CHANNEL DEPTHS
MORGAN CHANNEL TO TOMAHAWK BAR
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (Feet)
Morgan Channel	44	44	46	43	5-May-14	600	1.5	43
Vancouver Lower Channel	46	48	47	37	30-Apr-14	500	1.0	43
Vancouver Range	44	42	43	39	30-Apr-14	500	1.3	43
Vancouver Upper Channel	45	45	43	40	30-Apr-14	500	0.9	43
Vancouver Lower Turning Basin	42	39	36	42	3-Jun-14	800	1.0	43
Vancouver Upper Turning Basin	37	30	27	22	3-Jun-14	800	0.9	35
	Mid Channel for Half Project Width							
		L Outside	Mid Channel	R Outside				
Tomahawk Bar		15	15	18	22-Apr-14	300	3.7	27

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx *Channel status reports*

Chart 18531 (Lower Panel) **NM 24/15**

COLUMBIA RIVER CHANNEL DEPTHS
TOMAHAWK BAR TO BONNEVILLE LOCKS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Jun-14

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 (feet)
Tomahawk Bar	15	15	18	22-Apr-14	300	3.7	27
Airport Bar	18	19	19	22-Apr-14	300	2.8	27
Government Island Lower Range	16	15	16	22-Apr-14	300	1.0	27
Government Island Middle Range	14	15	15	23-Apr-14	300	1.7	27
Fisher Quarry Channel Range	30	29	26	23-Apr-14	300	1.0	27
Government Island Range	9	21	28	23-Apr-14	300	1.1	27
Government Island Upper Range	9	17	20	23-Apr-14	300	0.8	27
Lady Island Range	15	18	20	23-Apr-14	300	2.1	27
Lady Island Channel and Upper Rge	29	29	21	23-Apr-14	300	0.9	27
Washougal Lower Range	22	28	26	23-Apr-14	300	1.5	27
Washougal Upper Range	17	22	23	23-Apr-14	300	1.1	27
Gary Island Range	16	16	14	23-Apr-14	300	0.6	27
Reed Island Range	3	12	12	24-Apr-14	300	2.2	27
Tunnel Point Channel	25	24	24	24-Apr-14	300	0.8	27
Rooster Rock Channel	26	27	25	24-Apr-14	600	1.5	27
Cape Horn Channel	33	31	32	24-Apr-14	300	2.1	27
Candiana Channel	25	39	33	24-Apr-14	300	1.0	27
Fashion Reef Lower Range	17	17	17	24-Apr-14	300	2.4	27
Multnomah Falls Bar Range	14	20	16	24-Apr-14	300	1.1	27
Multnomah Falls Turn	15	18	21	25-Apr-14	600	0.8	27
Multnomah Falls Upper Range	21	24	28	25-Apr-14	300	3.2	27
McGowans Channel	36	30	24	25-Apr-14	300	1.1	27
Warrendale Lower Range	21	21	21	25-Apr-14	300	0.9	27
Warrendale Upper Range	20	28	23	25-Apr-14	300	0.7	27
Hamilton Island Reach	23	28	28	25-Apr-14	300	1.0	27
Entrance to Bonneville Locks	22	20	20	23-Apr-14	300	1.2	27

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx
Channel status reports

Chart 73393 **NM N24/15**

FISHERIES

Extensive commercial fishing activities take place at certain times in the waters adjacent to the coast. Floating buoys and their associated moorings should be avoided.

Chart 74593 **NM N24/15**

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