

03-Dec-08

**REPORT OF NAVIGATION CHANNELS**

ER 1130-2-306

**COLUMBIA RIVER - OREGON & WASHINGTON**  
 MULTNOMAH FALLS UPPER RANGE THROUGH  
 ENTRANCE TO BONNEVILLE LOCKS

Minimum depths channel  
 entering from seaward

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Mid-Channel for half project width Feet	Right Outside Quarter Feet
<b>PRESENTLY MAINTAINED AT 17 FEET</b>							
<i>Tomahawk Island Bar through Entrance to Bonneville maintained to 17'</i>							
<b>MULTNOMAH FALLS UP RGE.</b>	<b>01-Jul-08</b>						
Multnomah Falls Turn (136.4 - 137.0)		300	0.6	27	17	19	22
Multnomah Falls Up. Rge (137.0 - 140.2)		300	3.2	27	21	23	27
<b>WARRENDALE CHANNEL</b>	<b>23-May-07</b>						
McGowans Channel (140.2 - 141.3)		300	1.1	27	37	25	26
Warrendale Lwr. Rge. (141.3 - 142.2)		300	0.9	27	17	19	20
Warrendale Up. Rge. (142.3 - 143.0)		300	0.7	27	22	24	25
Hamilton Island Reach (143.0 - 144.0)		300	1.0	27	20	26	26
<b>BONNEVILLE DAM</b>	<b>May-07</b>						
Ent. To Bonneville Lks (144.0 - 144.6)		300	0.6	27	27	32	26
Ent. To Bonneville Lks (144.6 - 145.2)		300	0.6	27	19	21	22

ENG Form 4021-R (Nov 1990)  
 Reference is Navigation Chart No. 18531.  
 Note: All Depths at Columbia River Datum.

The information shown on this channel statement represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.