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<u>1</u>	Fore River, Me:				
	Mouth to the head of Navigation	Fixed Vertical Lift	200 ft.	135 ft.	MHW
		Swing or bascule	200 ft.	20 ft. (closed)	MHW
<u>2</u>	Penobscot River, ME				
	Mouth to Bangor	Fixed	400 ft.	135 ft.	MHW
		Draw railroad	150 ft.	10 ft.	
		Draw highway	150 ft.	20 ft.	
Vertical lift.		150 ft.	135 (open)		
<u>3</u>	Kennebec River, ME				
	Mouth to Augusta	Fixed Vertical lift.	100 ft.	40 ft.	MHW
		Swing or bascule	100 ft.	40 ft.(open) 15 ft. (closed)	MHW MHW

			100 ft.	15 ft. (closed)	
4	Connecticut River, CT				
	To MA above Hartford			20 ft.	Above River Level 16 ft.
5	Hudson River, NY:				
	George Washington Bridge to northern limits of Irvington.	Fixed	1500 ft.	180 ft.	MHW 8 ft. Stage Albany gage
	Irvington to northern limits of Newburg.	Fixed	1500 ft.	155 ft.	MHW 8 ft. Stage Albany gage
	Newburg to Castleton.	Fixed	700 ft.	138 ft.	MHW 8 ft. Stage Albany gage
	Castleton to Albany.	Fixed	500 ft.	135 ft.	MHW 8 ft. Stage Albany gage
	Albany to US Dam Troy.	Fixed Vertical Lift Bascule Swing Span	500 ft. 300 ft. 300 ft. 180 ft..	135 ft. 135 ft. (open) 40 ft. (closed) 40 ft. (closed) 40 ft. (closed)	MHW 8 ft. Stage Albany gage
	US Dam Troy to Waterford.	Swing Span	180 ft.	15.5ft. (closed)	MHW 8 ft. Stage Albany gage
6	New Jersey AICW	Fixed	150 ft.	65 ft.	MHW
7	Severn River, MD				
	Mouth to Spa Creek.	Fixed Drawbridge	250 ft	75 ft. 10 ft. (closed)	MHW MHW

			250 ft.		
	Spa Creek to Round Bay.	Drawbridge	70 ft.	10 ft. (closed)	MHW
	Round Bay to head to tide water.	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>8</u>	South River, MD				
	Mouth to mile 5.	Fixed	70 ft.	50 ft.	MHW
	Mile 5 to head of tide water.	Drawbridge	50 ft.	10 ft. (closed)	MHW
<u>9</u>	Bohemia River, MD:				
	Mouth. to the head of tide water	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>10</u>	Chester River, MD				
	Mouth to mile 26	Drawbridge	150 ft.	10 ft. (closed)	MHW
	Mile 26 to mile 33	Drawbridge	60 ft.	10 ft. (closed)	MHW
	Mile 33 to mile 42	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>11</u>	Elk River, MD				
	Mouth to Back Creek	Drawbridge	100 ft.	10 ft. (closed)	MHW
	Back Creek to Elkton	Drawbridge	60 ft.	10 ft. (closed)	MHW

No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
<u>12</u>	Sassafras River, MD:				
	Mouth to Georgetown	Drawbridge	70 ft.	10 ft. (closed)	MHW
	Georgetown to head of tide water	Drawbridge	40 ft.	10 ft. (closed)	MHW

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<u>13</u>	Choptank River, MD:				
	Mouth to Cambridge	Drawbridge	150 ft.	10 ft. (closed)	MHW
	Cambridge to Dover	Drawbridge	100 ft.	10 ft. (closed)	MHW
	Dover to Denton	Drawbridge	80 ft.	10 ft. (closed)	MHW
	Denton to Greensboro	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>14</u>	Nanticoke River, DE, MD:				
	Mouth to Quantico Creek	Fixed Drawbridge	150 ft. 150 ft.	50 ft. 10 ft. (closed)	MHW MHW
	Quantico Creek to Broad Creek River	Drawbridge	80 ft.	10 ft. (closed)	MHW
	Broad Creek River to Seaford	Drawbridge	60 ft.	10 ft. (closed).	MHW

	Seaford to Concord	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>15</u>	.Wicomico River, MD:				
	Mouth to White Haven	Drawbridge	150 ft.	10 ft. (closed)	MHW
	White Haven to Salisbury Prong	Drawbridge	100 ft.	10 ft. (closed)	MHW
	Salisbury Prong to head of tide water	Drawbridge	50 ft.	10 ft. (closed)	MHW
<u>16</u>	Pocomoke River, MD:				
	Mouth to Pocomoke City	Drawbridge	100 ft.	10 ft. (closed)	MHW
	Pocomoke City to Snow Hill.	Drawbridge	70 ft.	10 ft. (closed).	MHW
	Snow Hill to head of tide water	Drawbridge	40 ft.	10 ft. (closed)	MHW
<u>17</u>	Potomac River, MD, DC:				
	Mouth to Haines Point	Fixed Drawbridge	250 ft. 250 ft.	135 ft. 10 ft. 135 ft. (open)	MHW MHW
<u>18</u>	Patuxent River, MD:.				
	Mouth to Sheridan Point	Fixed Drawbridge	300 ft. 130 ft.	140 ft. 15 ft. 135 ft. (open)	MHW MHW

	Sheridan Point to Nottingham	Fixed	100 ft.	10 ft. 100 ft. (open)	MHW
<u>19</u>	James River, VA				
	Mouth to City Point .	Fixed or vertical lift Swing or bascule	350 ft. 350 ft.	145 ft. 50 ft. (closed)	MHW MHW
	City Point to Richmond	Fixed	400 ft.	145 ft.	MHW
<u>20</u>	Appomattox River, VA:.				
	Mouth to Petersburg	Fixed Drawbridge	100 ft. 80 ft.	40 ft. 15 ft. (closed)	MHW MHW
<u>21</u>	Rappahannock River, VA				
	Mouth to Bowers Rock light	Fixed Drawbridge	250 ft. 250 ft.	100 ft. 75 ft. 100 ft. (open)	MHW MHW
	Bowers Rock light to Jones Point .	Fixed Drawbridge	150 ft. 150 ft.	100 ft. 10 ft. 100 ft. (open)	MHW MHW
	Jones Point to Port Royal .	Fixed Drawbridge	100 ft. 100 ft.	100 ft. 10 ft. 100 ft. (open)	MHW MHW
<u>22</u>	Black Water River, VA:				
	Mouth to SAL railroad bridge	Drawbridge	60 ft.	15 ft. (closed)	MHW

	SAL bridge to Southern	Fixed	60 ft.	35 ft.	MHW
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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
<u>23</u>	Nottoway River, VA:				
	Mouth to Smith Ferry Bridge	Drawbridge	70 ft.	10 ft. (closed)	MHW
	Smith Ferry Bridge to Peters Bridge	Fixed	70 ft.	10 ft. (closed)	MHW
<u>24</u>	Nansemond River, VA:				
	Mouth to mile 15	Fixed	100 ft.	65 ft.	MHW
<u>25</u>	Cape Fear River, NC:				
	Wilmington mile 30 to mile 39	Fixed or vertical lift. Swing or bascule	120 ft. 120 ft.	135 ft. 10 ft. (closed)	Maximum HW
	Mile 39 to Fayetteville	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	70 ft. 5 ft. (closed)	Maximum HW.
<u>26</u>	Northeast River, NC:				
	Mouth to mile 2.75	Fixed or vertical lift Swing or bascule	200 ft. 200 ft.	135 ft. 5 ft. (closed) railroad 40 ft. (closed) highway	Maximum HW

	Mile 2.75 to Lanes Ferry	Fixed or vertical lift. Swing or bascule	60 ft. 60 ft.	50 ft. 5 ft. (closed)	Maximum HW
<u>27</u>	Neuse River, NC:				
	New Bern to 2 miles above	Fixed or vertical lift. Swing or bascule	80 ft. 80 ft.	100 ft. 5 ft. (closed) railroad 15 ft. (closed) highway	Maximum HW
<u>28</u>	Chowan River, NC:				
	Mouth to Winton	Drawbridge	80 ft.	5 ft. (closed)	MHW
	Winton to Source	Drawbridge	60 ft.	5 ft. (closed)	MHW
<u>29</u>	Meherrin River, NC:				
	Mouth	Fixed Drawbridge	80 ft. 60ft.	25 ft. 5 ft. (closed)	MHW MHW
<u>30</u>	Tar River, NC:				
	Mouth to 2 miles above Washington	Fixed or vertical lift Swing or bascule	80 ft. 80 ft.	100 ft. 5 ft. (closed) railroad 10 ft. (closed) highway	Maximum HW.
	2 miles above Washington to Greenville	Fixed or vertical lift .Swing or bascule	60 ft. 60 ft.	50 ft. 5 ft. (closed)	Maximum HW. Maximum HW.
<u>31</u>	Roanoke River, NC:				

	Mouth to Hamilton	Drawbridge	80 ft.	5 ft. (closed)	MHW
	Hamilton to Waldon	Fixed	40 ft.	8 ft.	MHW
32	Wacamaw River, NC. SC:				
	Intracoastal Waterway to mile 41.5	Fixed or vertical lift Swing or bascule	90 ft. 90 ft.	35 ft. 10 ft. (closed)	MLW. Maximum HW.
	Mile 41.5 to mile 67	Fixed or vertical lift Swing or bascule	60 ft. 60 ft.	35 ft. 10 ft. (closed)	MLW. Maximum HW.
33	Santee-Cooper Project, SC:				
	Cooper River above Charleston Harbor	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	50 ft. 10 ft. (closed)	MHW MHW
	West Branch Cooper River, SC and Tailrace Canal	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	50 ft. 10 ft. (closed)	HW (+8.5 MSL).
	Penopolis Reservoir, SC: Diversion Canal and Santee Reservoir to a point near the head of the Santee River where the bank full stage is higher than the maximum pool elevation.	Fixed or vertical lift Swing or bascule	100 ft. 100 ft.	50 ft. 10 ft. (closed)	Maximum pool elevation +75 MSL

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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
34	Santee-Cooper Project, SC2				

	(CONTINUED):				
	Thence to confluence of Santee and Congaree Rivers	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	50 ft. 10 ft. (closed)	HW. HW
	Congaree River, SC:				
	Mouth to mile 46	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	50 ft. 10 ft. (closed)	MLW. Maximum HW.
	Mile 46 to mile 48	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	35 ft. 10 ft. (closed)	MLW Maximum HW
<u>35</u>	Savannah River, GA:				
	From upper limit Savannah Harbor Project to New Savannah Bluff Lock and Dam.	Fixed or vertical lift.	150 ft.	55 ft.	MLW.
<u>36</u>	Attamaha River, GA	Fixed or vertical lift. Swing or bascule	80 ft. 80 ft.	30 ft. 10 ft. (closed)	MLW. Maximum HW.
<u>37</u>	Oconee River, GA	Fixed or vertical lift. Swing or bascule	75 ft. 75 ft.	30 ft. 10 ft. (closed)	MLW. Maximum HW.
<u>38</u>	Ocmulgee River, GA	Fixed or vertical lift. Swing or bascule	60 ft. 60 ft.	30 ft. 10 ft. (closed)	MLW. Maximum HW.
<u>39</u>	Atlantic Intracoastal WW, VA to FL:				
	Norfolk to Little River, SC	Fixed or vertical lift .Swing or bascule	90 ft. 90 ft.	65.0 ft. 5 ft. (closed) railroad 15 ft. (closed)	MHW MHW

				highway	
			120 ft. in exposed locations		
	Little River, SC to Jacksonville, FL	Fixed or vertical lift. Swing or bascule	90 ft. 90 ft.	65.0 ft. 21 ft. (closed)	MHW MHW
	Jacksonville, FL to Miami	Fixed or vertical lift. Swing or bascule	125 ft. 125 ft.	65.0 ft. 21 ft. (closed)	MHW MHW
	Miami to Key West	Fixed or vertical lift. Swing or bascule	90 ft. 90 ft.	65.0 ft. 21 ft. (closed)	MHW MHW
<u>40</u>	Cross Florida Barge Canal, FL	Fixed or vertical lift.	150 ft.	65.0 ft	MHW
<u>41</u>	St. Johns River, FL				
	FEC Railroad Bridge to Green Cove Springs	Fixed or vertical lift Swing or bascule	200 ft. 200 ft.	65 feet 21 feet (closed)	MHW MHW
	Green Cove Springs to Lake Harney	Fixed or vertical lift. Swing or bascule	100 ft. 100 ft.	45 feet 10 feet (closed)	MHW MHW
<u>42</u>	Okeechobee Waterway, FL				
	Punta Rassa to Tice	Fixed or vertical lift Swing or bascule	100 ft. 100 ft.	55 feet 21 feet (closed)	MHW MHW
	Tice to Moore Haven	Fixed or vertical lift.	90 ft.	55 feet	MHW

		Swing or bascule	90 ft.	21 feet (closed)	MHW
	Moore Haven to St. Lucie Lock	Fixed or vertical lift. Swing or bascule	100 ft. 90 ft.	55 feet 21 feet (closed)	MHW MHW
	St. Lucie Lock to AIWW	Fixed or vertical lift. Swing or bascule	90 ft. 90 ft.	55 feet 21 feet (closed)	MHW MHW
<u>43</u>	Miami River, FL:				
	Mouth to mile 5.5	Fixed or vertical lift Swing or bascule	90 ft. 90 ft.	75 ft. 25 ft. (closed)	MHW MHW
<u>44</u>	Escambia River, FL	Fixed or vertical lift	90 ft.	40.0 ft	OHW.
<u>45</u>	Apalachicola River, FL, GA	Fixed or vertical lift	150 ft.	35.6 ft.	OHW.
<u>46</u>	Chattahoochee River, AL, GA, FL	Fixed or vertical lift	150 ft.	35.6 ft.	OHW
<u>47</u>	Coosa River, AL, GA	Fixed or vertical lift	150 ft.	42.5 ft.	OHW

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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
<u>48</u>	Flint River, GA	Fixed or vertical lift	150 ft.	35.6 ft.	OHW.
<u>49</u>	Alabama River, AL	Fixed or vertical lift	250 ft.	42.5 ft.	OHW

<u>50</u>	Mobile River, AL				
	Mouth to Mile 13.3	Fixed or vertical lift	300 ft.	125 ft	OHW
	Above Mile 13.3	Fixed or vertical lift	300 ft.	55 ft.	OHW
<u>51</u>	Black Warrior River, AL	Fixed or vertical lift	200 ft.	52.0 ft.	OHW
<u>52</u>	Locust Fork of the Black Warrior	Fixed or vertical lift	200 ft.	52.0 ft.	OHW
<u>53</u>	Mulberry Fork of the Black Warrior River, AL	Fixed or vertical lift	200 ft.	52.0 ft.	OHW
<u>54</u>	Tennessee-Tombigbee Waterway;				
	Tombigbee River AL	Fixed or vertical lift	300 ft.	52.0 ft. 40.0 ft.	Normal pool 1 pct flowline.
	Tombigbee River MS.	Fixed or vertical lift		52.0 ft. 40.0 ft.	Normal pool 1 pct flowline.
<u>55</u>	West Pearl River, MS	Fixed or vertical lift	125 ft.	35.0 ft.	OHW
<u>56</u>	East Pearl River, MS	Fixed or vertical lift	125 ft.	35.0 ft.	OHW
<u>57</u>	Jefferson-Shreveport TX, LA	Fixed or vertical lift	240 ft.	52.0 ft.	2 pct flowline
<u>58</u>	Calcasieu River Ship Channel, LA:				
	Mile 4.3 to mile 29.7	Fixed	500 ft.	175ft.	MHW

	Mile 29.7 to mile 36.3	Fixed	400 ft.	135ft.	MHW
<u>59</u>	Atchafalaya River, LA:				
	Berwick Bay	Fixed or vertical lift	525 ft.	73.0 ft.	MHW
	Above Berwick Bay	Fixed or vertical lift	180ft.	50.0 ft.	MHW
<u>60</u>	Houston Ship Channel, TX:				
	Up to mile 47.2	Fixed or vertical lift	500 ft.	175ft.	2 pct flowline.
	Above mile 47.2	Fixed or vertical lift	400 ft.	135ft	2 pct flowline.
<u>61</u>	Trinity River, TX	Fixed or vertical lift	300 ft. between pier faces 250 ft. between fenders	52ft.	2 pct flowline or top of conservation pools in reservoirs.
<u>62</u>	Sabine Neches Waterway,				
	Sabine River and Neches River, TX.	Fixed	600 ft.	155ft.	MHW
<u>63</u>	Lower Neches River, TX	Fixed	400 ft.	143ft.	MHW
<u>64</u>	Gulf Intracoastal WW, FL to TX:				
	Caloosahatches River to Tampa Bay	Swing or bascule	90 ft.	21 ft. (closed)	MHW
		Fixed or vertical lift	90 ft.	65.0 ft.	MHW
Tampa Bay to Apalachee Bay	Fixed or vertical lift	90 ft.	65.0 ft.	MHW	

	Apalachee Bay to Pensacola Bay	Fixed or vertical lift	150 ft.	65.0 ft.	MHW
	Pensacola Bay to Brownsville, TX, (except Port of New Orleans, LA.)	Fixed or vertical lift	125 ft.	73.0 ft.	MHW
65	Gulf Intracoastal WW, Port of New Orleans, LA:				
	Mississippi River Gulf Outlet Portion to inner Harbor Navigation Canal.	Fixed	500 ft.	155 ft.	MHW
	Inner Harbor Navigation Canal Portion to Mississippi River.	Fixed or vertical lift	300 ft.	155 ft.	MHW
	Harvey Canal	Fixed or vertical lift	125 ft.	100 ft.	MHW
	Algiers Canal	Fixed or vertical lift	125 ft.	100 ft.	MHW

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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
66	Mississippi River:				
	Upper limits New Orleans to Baton Rouge Harbor, LA	Fixed	750 ft. main span 500 ft. auxiliary span*	133 ft.	Maximum river level. *2 auxiliary spans required
	Baton Rouge Harbor to Vicksburg, MS	Fixed		64 ft.	Maximum river level.

	Vicksburg to Cairo, IL	Fixed		55 ft.	Maximum river level.
	Cairo to Illinois River, IL	Fixed		60 ft.	2 pct flowline.
	Illinois River to Lafayette Rd., St. Paut, MN mile 853	Fixed		60 ft. 52 ft.	Normal pool. or 2 pct flowline whichever is greater.
	mile 853 to mile857.6	Fixed		21.4 ft.	River stage 40,000 cfs
<u>67</u>	St. Croix River, MN:				
	Mouth to Stillwater, MN	Fixed		60 ft. 52 ft.	Normal Pool. 2 pct flowline
<u>68</u>	Allegheny River, PA:				
	Emsworth Pool	Fixed		40 ft.	Moveable crest dam.
	Dam 2 to East Brady	Fixed		47 ft.	Fixed crest dam
<u>69</u>	Monongahela River, PA:				
	Emsworth pool to Fairmont, WV	Fixed		42.5 ft	Normal Pool
	Dam 2	Fixed		47 ft	Dam crest
<u>70</u>	Ohio River,				
	PA to IL	Fixed		69 ft. 55 ft.	Average June flow. 2 pct flowline
<u>71</u>	Tennessee River,				

	TN to AL	Fixed		47 ft	Regulated HW
<u>72</u>	Clinch River, TN:				
	Mouth to mile 48	Fixed		42 ft. 32 ft.	Normal pool HW regulated for navigation.
	Mile 48 to mile 67	Fixed		35 ft.	Normal pool
<u>73</u>	Emory River, TN:				
	Mouth to mile 12.1	Fixed		42 ft. 32 ft.	Normal pool Regulated HW.
	Mile 12.1 to mile 13	Fixed		35 ft.	Normal pool.
<u>74</u>	Hiwassee River, TN	Fixed		42 ft. 32 ft.	Normal pool Regulated HW.
<u>75</u>	Little Tennessee River, TN:				
	Mouth to mile 18.5	Fixed		42 ft. 32 ft.	Normal pool Regulated HW.
	Mile 18.5 mile 29			35 ft.	Normal pool.
<u>76</u>	Tellico River, TN:	Fixed		35 ft.	Normal pool
<u>77</u>	Cumberland River, TN, KY:				
	<u>Barkley Reservoir:</u>				
	Main stream	Fixed		57 ft. 40 ft.	Normal summer pool maximum regulated flood.

	Major tributaries	Fixed		42 ft. 25 ft.	Normal summer pool maximum regulated flood.
	<u>Cheatham Reservoir:</u>				
	Main stream	Fixed		57 ft. 40 ft.	Normal summer pool maximum regulated flood.
	Major tributaries	Fixed		42 ft. 25 ft.	Normal summer pool. maximum regulated flood.
	<u>Old Hickory Reservoir:</u>				
	Main stream	Fixed		57 ft. 40 ft.	Normal summer pool maximum regulated flood.
	Major tributaries	Fixed		42 ft. 40 ft.	Normal summer pool maximum regulated flood.
	<u>Cordell Hull Project:</u>				
	Main stream	Fixed		57 ft. 40 ft.	Normal summer power discharge maximum regulated flood.
	Major tributaries	Fixed		42 ft. 25 ft.	Normal summer power discharge maximum regulated flood.
	<u>J. Percy Priest Reservoir:</u>				
	Main stream	Fixed		40 ft.	Minimum power pool or 30 ft. above top power and recreation pool, whichever is greater.
78	Chicago River, IL:				

	Main Branch	Bascule	170 ft.	17.9 ft. (closed)	LWD 576.8.
	North Branch	Fixed Bascule	40.4 ft. 40.4 ft.	6.6 ft (closed)	LWD 576.8.
	North Branch Canal	Bascule	56.9 ft.	8.40 ft (closed)	LWD 576.8.
	South Branch	Bascule Vertical lift.	125 ft. 125 ft.	120 ft. 10.5 ft (closed)	LWD 576.8.
	West Fork South Branch	Bascule	140.3 ft.	22.4 ft. (closed)	LWD 576.8.
	South Fork South Branch	Fixed	90.0 ft.	12.1 ft.	LWD 576.8.
<u>79</u>	Chicago Sanitary and Ship Canal, IL	Swing	45 ft.	4.4 ft. (closed)	LWD 576.8.
<u>80</u>	Indiana Harbor Canal, IN:				
	Main Channel	Bascule	61.7 ft.	5.4 ft (closed)	LWD 576.8.
	Calumet River Branch	Fixed	34.2 ft.	3.2 ft.	LWD 576.8
	Lake George Branch	Fixed	64.4 ft.	5.6 ft.	LWD 576.8.
<u>81</u>	Calumet River, IL:				
	Main river	fixed or vertical lift.	135.7 ft.	125 ft.	LWD 576.8.
				7.3 ft. (closed)	
<u>82</u>	Little Calumet River West, IL	Fixed	52 ft.	13.4 ft.	LWD 576.8.

<u>83</u>	Little Calumet River East, IL, IN	Fixed	200 ft.	29.4 ft.	LWD 576.8.
<u>84</u>	Grand Calumet River, IL	Fixed	12 ft.	5.5 ft.	LWD 576.8.
<u>85</u>	Calumet Sag Channel, IL	Fixed	188.5 ft.	24.38 ft.	LWD 576.8.
<u>86</u>	Buffalo River, NY	Fixed	91.0 ft.		LWD 568.6.
		Bascule	91.0 ft.	12.4 ft. (closed).	LWD 568.6.
<u>87</u>	Cuyahoga River, OH	Fixed	100 ft.	97 ft.	LWD 568.6.
<u>88</u>	Maumee River, OH	Fixed	110 ft.		LWD 568.6.
		Swing	110 ft.	17.3 ft. (closed)	LWD 568.6.
<u>89</u>	Rouge River, MI	Bascule	123 ft.	6.4 ft. (closed)	LWD 568.6.
<u>90</u>	Saginaw River, MI	Fixed	66 ft.		LWD 576.8.
		Swing	66 ft.	7.8 ft. (closed)	LWD 576.8.
<u>91</u>	Grand River, MI	Swing	54 ft.	9.8 ft. (closed)	LWD 576.8.
<u>92</u>	Milwaukee River, WI	Vertical lift.	50 ft.	25.6 ft. (open)	LWD 576.8.
		Swing	50 ft.	12.5 ft. (closed)	LWD 576.8.
<u>93</u>	Menominee River and Canals, WI, MI	Swing	45 ft.	7.9 ft. (closed)	LWD 576.8.

94	Kennicknnic River, WI	Fixed	50 ft.		LWD 576.8.
		Swing		8.1 ft. (closed)	LWD 576.8

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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
95	Manitawoc River, WI	Fixed	60.8 ft.		LWD 576.8.
		Swing		6.0 ft. (closed)	LWD 576.8.
96	Fox River, WI:				
	Mouth to DePere	Swing	75 ft.	7.5 ft. (closed)	LWD 576.8.
	Above DePere	Swing	59.8 ft.	3.5 ft. (closed)	LWD 576.8.
97	East River, WI	Fixed	40 ft.		LWD 576.8.
		Swing		6.0 ft. (closed)	LWD 576.8.
98	Illinois River, IL:				
	Mouth to upper limits of Peoria, mile 180.0	Fixed or vertical lift.		55 ft. 63 ft.	2 pct flowline. Pool stage, 8,000 cfs.
	Peoria to Starved Rock, mile 231.0	Fixed or vertical lift		50 ft. 56 ft.	2 pct flowline. Pool stage, 8,000 cfs.
	<u>Illinois Waterway</u>				
	Starved Rock to Joliet	Fixed or vertical lift.		47 ft	Pool stage, 8,000 cfs.

	Joliet to Lockport Lock and Dam	Fixed or vertical lift		35 ft.	Computed HW.
<u>99</u>	Minnesota River, MN:				
	Mouth to mile 10.8	Fixed		55 ft.	Normal pool
	Mile 10.8 to Chaska	Fixed		30.8 ft.	Above 1,881, HW elevation.
<u>100</u>	Kaskaskia River, IL	Fixed		25 ft	Along a line joining the 2 pctflowline at New Athens, IL, and the elevation at the mouth equal to 38 ft. on St. Louis gage.
<u>101</u>	Missouri River:				
	Mouth to Gavins Point Dam Mo	Fixed		52 ft	2 pct flowline
	Gavins Point Dam to Montana	Fixed		30 ft.	Above bridge reference plane.
<u>102</u>	Arkansas Waterway: AR, OK.			52 ft.	2 pct flowline.
<u>103</u>	Sans Bois Creek, OK	Fixed		30 ft.	2 pct flowline.
<u>104</u>	Yazoo River, MS:				
	Mouth to Greenwood Fixed			43 ft.	Project flowline.
<u>105</u>	Red River, LA to Shreveport, LA	Fixed		52 ft.	2 pct flowline.
<u>106</u>	Tensas River, LA to mile 81.0	Fixed		50 ft.	Maximum HW prior to 30 June1931

<u>107</u>	White River, AR:				
	Mile 0.0 to Batesville, AR	Fixed		52 ft.	2 pct flowline.
<u>108</u>	Black River, LA: Ouachita River, LA, AR	Fixed Moveable	130 ft.	52 ft.	2 pct. flowline.
<u>109</u>	Colorade River, CA, AZ, NV	Fixed	50 ft.	25 ft.	Normal HW
		Removable span	50 ft.	17 ft.	Normal HW
<u>110</u>	Chehalis River, WA:				
	Mouth to East City Limits of Cosmopolis	Fixed or vertical lift	250 ft.	140 ft.	MHW
		Swing or bascule	185 ft.	12 ft. (closed) hwy 8 ft. (closed) railroad	MHW
	Cosmopolis to Montesano	Movable	125 ft	8 ft. (closed)	MHW
	Above Montesano	Fixed	100 ft.	8 ft.	MHW
<u>111</u>	Tacoma Harbor, WA:				
	Blair Waterway	Fixed or movable	300 ft.	140 ft. (hwy) 45 ft. (closed)	MHW
	Hylebos and city waterway above 11th St. Tacoma	Fixed or vertical lift. Swing or bascule	150 ft. 150 ft.	135 ft. 30 ft. (closed) hwy 7 ft. (closed) railroad	MHW MHW

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No.	Waterway	Bridge Type	Horizontal Clearance	Vertical Clearance	Reference Plane
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<u>112</u>	Duwamish West and Duwamish Waterway, WA				
	Mouth to 1st Avenue South	Fixed or vertical lift	250 ft.	140 ft. (hwy) 45 ft. (closed)	MHW
	1st Avenue South to 14th Avenue South	Fixed or vertical lift Swing or bascule	150 ft. 150 ft.	135 ft. 30 ft. (closed) hwy 7 ft. (closed) railroad	MHW MHW
	Above 14th Avenue South to upstream limit of Federal Project.	Fixed or movable	125 ft.	135 ft. 30 ft. (closed) hwy 7 ft. (closed) railroad	MHW
<u>113</u>	Coos Bay, OR: Mouth to Smiths Mill, mile 15	Fixed Vertical lift or bascule	500 ft. 225 ft.	135 ft. 125 ft.	MHW MHW
<u>115</u>	Willamette River:				
	Mouth to Broadway Bridge	Fixed	1,000 ft.	180 ft.	25 ft. Stage Portland gage.
	Broadway Bridge to Ross Island Bridge	Fixed Movable	500 ft. 250 ft.	140 ft. 40 ft. (closed)	25 ft. Stage Portland gage.
<u>116</u>	Columbia and Snake River System, OR, WA, ID:				
	Mouth to BNRR Bridge at Vancouver	Fixed	1,000 ft.	180 ft.	25ft. on Portland gage.
	BNRR Bridge at Vancouver mm105.6 to Dalles	Fixed	450 ft.	135 ft.	600 kf PS stage.

	Dalles to Kennewick, Mile 328	Fixed	400 ft.	60 ft.	2 pct flowline.
	Mile 328 to mile 469	Fixed	400 ft.	50 ft.	2 pct flowline.
	Mile 469 to mile 474.5	Fixed	250 ft.	50 ft.	2 pct flowline.
	Snake River mouth to mile 146.8	Fixed	400 ft.	60 ft.	2 pct flowline.
	Cleanwater River mouth to head of pool	Fixed	400 ft.	60 ft.	2 pct flowline.
117	Willamette River:				
	Mouth to Broadway Bridge	Fixed	1,000 ft.	180 ft.	25 ft. Stage Portland gage.
	Broadway Bridge to Ross Island Bridge	Fixed Movable	500 ft. 250 ft.	140 ft. 40 ft. (closed)	25 ft. Stage Portland gage.

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