

## **APPENDIX J**

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### **Detailed Information on Potentially Impacted Vessel**

Appendix J includes two bar charts comparing vessel air drafts and bridge heights. The bars represent the air draft of specific vessels. Horizontal lines are drawn indicating the effective vessel clearance height for each of the mid-level bridges studied. One chart includes bridge heights at 95, 100, 105 and 110 feet. The other chart includes clearances for bridge heights at 115, 120, and 125 feet. The effective vessel clearance for each bridge height is based on an air gap of 10 feet and a river water level at 16 feet CRD. For example, the 100 foot bridge is shown with 84 feet of vertical clearance (subtracting 16 feet for river water level and 10 feet for air gap).



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