



U.S. Department of  
Homeland Security  
**United States  
Coast Guard**



## Incident Report: Davy Crockett Emergency Response

(Information is considered to be accurate at the time of posting, but is subject to change as new information becomes available.)

Update as of August 22, 2011

Incident duration:	208 days
Personnel Currently Assigned	34 response contractors, federal & state
Injuries	0
Total oil water mixture recovered to date	1.6 million gallons*
Total steel removed	4.43 million pounds
Debris and oiled debris removed	824,822 pounds
Bunker oil recovered	31,949 gallons
Asbestos removed	4,850 pounds
Samples analyzed to date (e.g. water, oil sediment)	218
Obligated costs to date (including coffer dam construction)	\$19.2 million
* This figure represents the amount of oily water mixture that has been recovered directly from the Barge Davy Crockett during response operations. An initial unrecovered release of an estimated 70 gallons of oil was documented on January 27, 2011 the day the vessel was discovered to be leaking oil.	

### OPERATIONS UPDATE – August 22, 2011

Due to low river levels, the Davy Crockett worksite command and dive support barges are being moved from the shore side of the cofferdam to the channel side. As part of the site changes and as the project nears the end of the vessel removal effort, top-side crews conducted dive gear maintenance and demobilized underwater cutting equipment on Monday, August 22 (see photo gallery).

Crews also collected oiled sorbent materials inside the cofferdam, pressure-washed steel removed from the Davy Crockett and operated the filtration system that is treating water pumped from the cofferdam.

The final section of the Davy Crockett is scheduled to be removed from the river bottom on Thursday. Smaller miscellaneous pieces of metal from the deconstruction project inside the cofferdam will also be removed by divers this week.

### ENVIRONMENTAL PROTECTION

All activities involving the destruction and removal of the Davy Crockett are designed to minimize environmental impacts. The impermeable oil and silt barrier inside the metal cofferdam along with sorbent oil collection booms have prevented tar balls and oil sheen from discharging into the Columbia River downstream of the work site. Oil containment boom is deployed outside the cofferdam as a preventative measure in case there is a release of oil from the work site. Additional on-water oil recovery resources and oil containment boom are staged nearby as further protection.

Oil, oily water and contaminated water from the vessel's holds and tanks has been collected throughout the cleanup effort and taken off-site for proper disposal. In addition, wash water from cleaning operations and stormwater collected on the Davy Crockett and work barges was put through an on-site water filtration system and then disposed of through the city of Portland's wastewater treatment system.

Water quality samples upstream, downstream and inside the cofferdam are being collected on a periodic basis in order to evaluate the effectiveness of work activities to minimize water pollution. Currently, water from inside the cofferdam is being pumped through the water filtration system and back into the cofferdam work site in order to clean the water and provide better clarity for divers. After the Davy Crockett is removed, tar balls, oiled sediments, metal slag and debris from the cleanup effort will be removed from the river bottom inside the cofferdam prior to cofferdam removal.

## **DAVY CROCKETT HISTORY**

The Davy Crockett is a former Navy Liberty Ship that was converted to a flat deck barge. As with many aging vessels, ownership has changed several times over the years. The most recent ownership change is believed to have occurred in mid-2010. The vessel is located on Washington state-owned aquatic lands.

For up to date information, refer to the Ecology website at:

<http://www.ecy.wa.gov/programs/spills/incidents/DavyCrockett/DavyCrockett.html>



*Underwater cutting equipment and dive gear in decontamination station. (8/22/11)*



*Underwater cutting equipment organized for demobilization after being decontaminated. (8/22/11)*