



## Joint Maritime Test Facility



The **Joint Maritime Test Facility (JMTF)** is an organizational element of the **USCG Research and Development Center (RDC)** that can be used to advance the research of oil spill response technologies that involve full-scale in-situ burns.



The **JMTF** is located at USCG Sector Mobile in Alabama and provides a relevant maritime test environment that meets (or has appropriate waivers for) all federal, state, and local environmental standards. The **JMTF** includes a burn pan and is the sole national testing facility for in-situ burning research.

#### **Burn Pan Key Facts:**

- Located on Little Sand Island in Mobile Bay
- 100 feet long by 30 feet wide
- Contains natural seawater from Mobile Bay; burn pan can be filled up to 4 feet deep
- Diesel fuel/crude oil is released through a nozzle from the bottom of the burn pan
- Burn season is October to March

With a wave maker that provides a range of wave conditions, the **RDC** is capable of meeting ASTM F2152 Standard Sections 6.3 and 6.4 (Oil Containment Testing and Fire-Resistant Testing) for testing fire-resistant booms.

Previous technologies tested include fire-resistant booms, herding agents, and equipment to improve burn efficiencies.



#### **For more information, please contact:**

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