

ATTACHMENT, FIGURES, TABLES, AND CHARTS

Alternative Response Technology—Successes

During the DWH incident, there were at least 45 successes based on field test evaluations in three categories—offshore, near shore, and onshore—which were recommended for use by responders, as required.

Offshore

- Controlled In-Situ Burning (Spilltec Inc. - Woodinville, WA): Extended, field-scale implementation of in-situ burning techniques previously planned and practiced only on a limited basis.
- Laser Fluorometer Submerged Oil Detection (EIC Laboratories, Inc. - Norwood, MA - with funding from USCG): Uses laser fluorescence polarization to detect nonfloating oil.
- Coda Octopus 3-D Sonar (US Coast Guard R&D, New London, CT): In conjunction with EIC Laser Fluorometer, uses proprietary underwater sonar technology for detecting nonfloating oil.
- Side Scan Sonar (Fairweather Science LLC - Anchorage, AK): Calibration and use of side scan sonar to detect nonfloating oil.
- Acoustic Doppler Current Profiler (T&T Marine - Galveston, TX): Calibration and use of ADCP to detect nonfloating oil.
- Big Gulp Skimmer (LAD Services - Morgan City, LA): Barge equipped with wide weir skimmer and settling tanks for high-volume open water oil skimming.
- Wave Glider (Liquid Robotics Inc. - Sunnyvale, CA): Autonomous, self-propelled, remotely steered vehicle with capability to carry wide range of monitoring instruments.