



JOSHUA GOODWIN

CR Environmental, Inc. 2001 to present

VESSEL CAPTAIN

NAVIGATOR

CORING TECHNICIAN

AREAS OF SPECIALIZATION:

- Vessel and Captain Support
- Sediment Sampling and Coring Operations
- Oceanographic Mooring Operations
- Commercial Fishing

SUMMARY OF PROFESSIONAL EXPERIENCE

Mr. Goodwin has over 20 years of commercial lobster fishing experience, 13 years as a vessel captain and has strong navigation and boat handling skills. He is the president of Goodwin Marine Services and the owner and captain of the 42-foot offshore lobster vessel, *Shanna Rose*. Since 2001, Mr. Goodwin has been supporting CR Environmental and other research organizations on over 50 oceanographic and geophysical surveys with the *Shanna Rose*. More than half of these surveys have been for the ACOE NAE on the DAMOS and Environmental Planning Contracts. He is an experienced welder and mechanic and is experienced with the HYPACK navigation survey software.

EDUCATION

2004 American Boat School Captain's License Course, Plymouth, MA
US Coast Guard 50 Ton Captain License # 1075182
Class B Commercial Drivers License
1995 High School Hull, MA

WORK HISTORY

Captain and Owner 42 ft F/V *Shanna Rose* 2001-Present

REPRESENTATIVE PROJECT HISTORY WITH CR ENVIRONMENTAL

Mount Hope Bay LNG Pipeline Vibracoring Project 2007

Vessel support and coring

Vessel support NAE-ACOE DAMOS Multibeam Bathymetric Surveys 2007-2009

Portland, ME, Mass Bay, and the Historic Brenton Reef Disposal Site

Vessel support DAMOS Sediment Profile Camera Surveys 2003-2010

Tupper Ledge, New Harbor, Muscongus, Portland, ME; Mass Bay; Rhode Island Disposal Site; New London, Central, and Western Disposal Site in Long Island Sound

DAMOS Dredge Site Marker Buoys Mooring Deployments & Recoveries 2003-2010

Mass Bay Disposal Site, Rhode Island Disposal Site, (3) Long Island Sound Disposal Sites

Mass DCR Cape Cod Disposal Site Marker Buoy Deployment and Recoveries 2003-2007

NOAA Real Time Current Observation Platform at Quonsett Point and Fall River, RI 2006, 2007

Vessel and technical support for the ADCP deployment and recovery operations

Neptune LNG Pipeline

Vessel Support for Underwater Video and SPI surveys for the potential routes and terminal sites 2006

Sconset Beach Nantucket Island 2005-2007

Vessel and mooring deployment support for bathymetric, geophysical, and underwater video surveys and vibracoring, as well as ADCP mooring deployments to gather information for a potential sand mining site for beach nourishment on Nantucket.

NED-ACE Boston Harbor Navigation Improvement Project 2001

Vessel support for CR's vibracoring effort.

Captain F/V Kingfisher/Shanna Rose Lobster Fishing Boston Harbor and Mass Bay 1994-2007

Mate F/V Rachael G. Lobster Fishing in Boston Harbor and Mass Bay 1988-1993