



University of South Florida

College of Marine Science



Dr. William Hogarth, Dean
College of Marine Science
University of South Florida



140 7th Avenue South
Saint Petersburg, Florida 33701

Owned by the
University of
South Florida

Operated by the
Florida Institute of
Oceanography
representing 11
state universities,
Univ. of Miami,
Mote Marine Lab,
state labs



Basic specifications:

Built: 1982 Borsage

Marine, LA

LOA: 115 ft

Beam: 28 ft

Draft: 8.5 ft

Gross tonnage: 194

Range: 3,500 nm

Endurance: 18 days

Berths: 21

Cruising speed: 10 kts

Bow thruster

3 winches, 2 cranes

Daily cost: \$5,900

university and government
lab scientists



Will sail
with a crew
of 7
including a
science tech



Some equipment upgrades...

- Appleton FB 30 Crane - 46 ft. reach.
- Dynacon Cantilever Drum Winch. Will have ~4000 meters 3/8" cable
- SBE 21 Thermosalinograph with wet labs fluorometer, seawater-- intake at bow.
- ADCPs 300 and 1200 kHz ADCP.
- Fume hood installed and Millipore water filtration system.
- SBE 25 CTD and SBE 32 12 position carousel system with fluorometer, D.O., pH, PAR, and surface PAR sensors.

More upgrades...

- Universal transducer mount
- Hydrographic winch on board with ~2000 meters of ¼" wire
- Twin Vaisala WXT 520 Weather Stations
- Will be running Woods Hole data acquisition software Calliope.
- New 20 liter Niskin bottles.
- CTD winch currently with ~1200 meters of 0.322 EM cable.

R/V Weatherbird II's dedication at USF
College of Marine Science Pier; 1st cruise
sailed March 20, 2009



Ship use to date:
81 days at sea since March 20, 2009
138 days scheduled by 9/1/2010
Plan on ~180 day FOY



General Purpose Lab



Wet lab—CTD shed



Electronics lab





Galley
area...



Relatively spacious fantail...



Significant amount of ship time used to maintain coastal ocean observing system...



The *R/V Weatherbird II* greatly adds to our at-sea research capability.

