

RESEARCH VESSEL – “GOLDEN DOLPHIN”

Description 75' Wood/Fiberglass Vessel
1967 Drake Craft built in Oxnard, California.
Equipped for Hydrographic Survey, Fisheries Research, and/or transporting live fish in circulating sea water tanks.

SPECIFICATIONS

Length 75 feet overall
Beam 22.5 feet
Draft 6.5 feet
Speed Cruise 10 knots, 1000 mile range, 22 gal/hr.

Main Power Two Cummins Diesel Engines, each 525 hp

AC Power One 12 kw Northern Lights Generator, 240 vac, Single Phase
One 33 kw Northern Lights Generator, 240 vac, Single Phase
One 4 kw Trace Invertor

Navigation Equipment

Bridge

One Furuno DRS6ANXT 72-mile solid state radar with 6-foot antenna
One Furuno FR7112 72-mile radar with 6-foot antenna
Two HP desktop computers running Nobeltec TZ professional navigation software
One Furuno SC50 sat compass
One Furuno FA150 AIS system
One Furuno Nav 500 autopilot
Two Furuno GP-36 DGPS receivers
One Furuno FCV1900 – 50/200khz 3kw echo sounder
One Furuno FCV 628 – 6 inch 50/200khz echo sounder
One Ross 250C chart recorder 100khz 1kw with D600 digital indicator
One Globalstar SAT FI satellite phone
One SEA 322 150w SSB radio
One SEA 225 150w SSB radio
One ICOM M605 VHF radio with DSC and distress call functions
Three SEA 156 VHF radios
One Galaxy DX2547 CB radio
One ICOM R75 HF receiver
One MKDYMEK DA100D active shortwave antenna
One Ross Model 1201 weather fax receiver
One Kenwood DDX6704S stereo system
One Ross vessel alarm system

LAB

One SEA 156vhf
One Furuno DG-36 DGPS receiver
One Furuno RD30 depth and temp display
One Cobra 148GTL CB radio
One WASSP multi beam system with SC30 heading sensor
One HP desktop computer for general use with four 17-inch monitors and one 32-inch flat panel TV

**Live Tanks
For Fish**

One 3000 gallon tank
Two 550 gallon tanks

Circulating sea water is provided by two 5 hp electric pumps, and one $\frac{3}{4}$ hp electric pump.

**Deck
Equipment**

1.5 Ton Hydraulic Crane for equipment handling and temporary overboard mounting of transducers – slow speed.

Cable winch used for dropping instrument packages. 500 meters, coaxial cable with slip rings. 500 pound working capacity. May also be used with standard wire rope.