R/V APALACHEE

SHIPBUILDER
GEO SHIPYARD NEW IBERIA LA

Main Propulsion System
Engines - (2) John Deere, model 6135SFM 6.13-liter inline 6-cylinder 500 HP
Smoke - Twin Disc Model MDDX-294 SC, 3.5 x 3, HPs mounted at 3 stations

Electrical System
(2) Northern Lights 3kW (1) 3-phase, 6kW (1) 3-phase, v/120/60, 3200 with electrical system
Shore Power (1) 3kW (1) 3-phase, 480 volt, 3wire 30 amp shore power receptacle with shore power cable

Navigation
Compass - Ritchie
Depth Sounder - Furuno FCV1150 stand-alone unit with Airmar Transducer (1)

Electrical System
(2) Twin Disc Model MGX-5114 SC, 2.5:1, EC300 controls at 2 stations

Electrical System
(2) 6135 SFM-2, 13-liter inline 6-cylinder 500 HP

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Communications
VHF - Collmex/Comtron TFM-4000 (1)
Weather satellite - Furuno BBWX2 Sirius (1)
Radio transmitter - Furuno Single Sideband FS1503 EM (1)

Accommodations
Berths - 7
Galley - in main cabin w/ refrigerator / freezer (1), sink, micro-wave, stove top; storage cabinets, settee upholstered seating (U-shape) w/storage and dinette table; multiple outlets to serve as work station when required.

Head, full - Main cabin; stainless sink, cold & hot water faucet, small vanity, fiberglass shower, toilet

Head, wet - Aft deck: stainless sink, toilet

Work Area
Wet Laboratory - 200 sq. ft w/ aluminum table, stainless steel sinks (2) across aft wall of main deck cabin, one w/ fresh water and one w/ sea water, duplex electrical outlets (10)
Dry Lab - 400 sq. ft. w/ laminate top desk, chairs, duplex surge protected electrical outlets, unistrut rack system, and Navnet repeater display

Dive Air System
7 cfm 5000 psi fully automatic, mounted on four DOT 440 4500 psi cylinders, with control panel and two fill whip

Compressor
- Campbell Hausfeld mounted on 20-gallon tank, belt driven w/ 2 HP 115 volt A/C electric motor.

Tender Vessel
- 14' Zodiac, 25 hp outboard

Ships Systems
HVAC System - Cruise Air self-contained heat pump units: 25,000 BTU unit in the Pilot House (1), 36,000 BTU unit in the main cabin (1), 17,300 BTU unit (1) in the two lab areas

Potable Water System - 120 volt, Monark pump, 8.5 gallon pressure tank and plumbing 350 gallon Poly 130 gallon Poly

Ships Systems
Seawater System - 2 HP washdown pump system, single w/ 1/2" hose from this pump on all deckhouse bulkheads

Aqua Whisper DX 450 GPD water maker w/ multi-media filter & 2-gpm UV Sterilizer