



SURVEY / RESEARCH SUPPORT VESSEL

GENERAL

Owner	Seafoam 55 LLC
Vessel Management	Seafoam 55 LLC
Vessel Type	OSV
Year Built	1999
Yard Built	Lockport, LA - R+S Fab
Flag State	United States of America
Port of Registry	Jacksonville, FL
Official Number	1085235
Classification Society	USCG
Operations	World Wide
USCG Designation	Oceanographic Research Vessel

GENERAL

Maximum Endurance	50 Days
Maximum Range nm	10000 nm
Maximum Speed	10 knots
Economic Cruising Speed	8 knots
Minimum Speed	Variable to 0 knots
Rudder	2 ea. Flap Rudders
Total Horsepower	2000 Hp
Number off Propellers	2 ea
Additional Thrusters	1 ea. Bow Thruster
Jones Act	Compliant
Crew	8Total
Client Berthing	9 Total
Crew Nationality	United States Citizens
Fuel	Low Sulfur No. 2 Marine gas oil

DIMENSIONS

Length Overall LOA	150'
Breadth Moulded	36'
Draft Light	6.35' ft.
Loadline Draft	4 ft.
ITC Gross Tonnage	485 tons
ITC Net Tonnage	145 tons
Registered Tonnage, Gross	92 tons

GENERAL

Contact Information	
Capt. Patrick Murphy	Capt@seafoam55.com
Main Vessel Emails	
Managing Director: Tim Hudson	jth@live.com

R/V SEAFOAM

PROPULSION/MACHINERY

Total Horse Power	2000 hp
Main Engines	2 ea. Cummin's KTA-38 M1-DX main engines
Propulsion	2 ea. Propellers
Bow Thruster	1 ea. Cummin's NT-855-M Direct Drive
Main Generators	2 ea. Cummin's 6-CT 480V , 3-Phase, 125 kW generators

FUEL CONSUMPTION

Fuel Use Transit / Max Speed	Marine Diesel 50 GPH
Fuel Use Cruising Speed	Marine Diesel 34 GPH
Fuel Use In Port	50 gal/day
Shore Power Required	100 AMP 480 Volts 3 Phase

TANK CAPACITIES

Marine Diesel	42,440 gal
Fresh Water	14,962 gal
Lube Oil	892 gal
Desalination Plant Total Capability	960 gal/day
Sewage Treatment System Holding Tank	MSD Type II 13,791 gal

DECK FEATURES

Free Work Deck Space Main Working Deck	2,403 ft2
Deck Load Main Working Deck	300 Long Tons
Available Deck Electrical Supply 480 VOLT 3PHASE	1 ea. 480 VAC 3 phase, 100 Amp outlet plugs
Deck Hydraulic Connections Hydraulic Pressure and Volume Deck Fresh Water Supply Deck Salt Water Supply Deck Pressure Washer High Pressure Air Moon Pool	Multiple Hydraulic Connections with Local and Remote Control Working Pressure 2200 PSI With Output of Up to 70 GPM 2 ea. Fresh Water Hook Ups With Shore Water Supply 2 ea. Salt Water Hook Up 1 ea. Transportable 3,200 PSI High Pressure Washer 2 ea. Air Compressors 1 ea. 12" Diameter Transducer Pole

R/V SEAFOAM

SURVEY & DECK EQUIPMENT

Stern A-Frame W/Multiple Sheave Positions

Tow Static Safe Working Load
Dynamic & Lifting Safe Working Load
Vertical Clearance
Horizontal Clearance
Travel

1 ea. Vessel A-Frame

18,000lbs (8,165kg) - Outboard against stops 12,000lbs (5,443kg)
18.5ft (5.6m)
10 ft (4.3m)
16ft (4.9m) forward of transom to 9ft (2.7m) aft of transom

Telescoping Deck Crane

Max. Reach
Max. Safe Working Load
Max. Safe Working Load - 1st Extension

1 ea. CORMACH 34000-E5

48ft (21m)
15,000lbs (6,804kg) SWL @ 14ft (4.3m)
4,000lbs (1,814kg) SWL @ 48ft (15m)

WINCH

Capabilities
Wire Capacity
Line Pull
Speed

35,000 SWL
6,0000 FT 5/8 SPECTRA
50,000
Variable



R/V SEAFOAM

NAVIGATION EQUIPMENT

Radios

3 ea. I-COM Marine VHF Radios- 25 WATT
10 ea. STANDARD HORIZON HX 400 Handheld VHF with assorted PTT and noise canceling head sets

Navigation Radar

Furuno
DRS12A X Class ARPA + FURUNO FAR 3005 30KW S-Band, 96nm Range

Compasses

2 ea. Sperry Mk 37 Gyros Compasses
Furuno SC-70-Satellite

Auto Pilot

1 ea.-Furuno NAVpilot-700

Echosounder

1 ea. Airmar SS 175 LF

Navigation

1 ea. Nobeltec Trident TZ Professional - Chart / Tracking System and Fixed Electronic Positioning

Survey System

1 ea. Hy-Pack
1 ea. Chesapeake Sonar WIZ
1 ea. Autocad 360
1 ea. C-NAX Sonar Software + Survey

Dynamic Positioning

International Marine Systems (IMS) MT Bridgemate DP 1 system



R/V SEAFOAM

NETWORK COMMUNICATIONS

Wi-Fi	All Decks-Wifi 6-AP's configurable as needed to each vlan in ships network.
Wi-Fi Network Security	WPA2-Wi-Fi Network Security
Ubuiquity Unifi LAN Network	High security vlan configurations to isolate various ships networks (corporate, security, guest, and client networks).-Custom networks upon request.
Voice Communications	Shared Voip line Bridge deck and Owners cabin. WiFi calling on personal cell phones.
Cellular Repeater System	Cellular repeater system for enhanced celular reach near shore.Voice and Data compatible with most carriers.
Starlink Low Latency Satellite Internet.	Port and Stbd side Starlink HP Maritime antennas are using a bonding technology to offer greater throughput and redundancy-256 AES Ship to Shore encryption available. 10Mbps-450Mbps download 1Mbps-60Mbps upload Configured as required.
Local Network Security	Multiple Vlan encryption designs to meet security requirements. Isolating all lan networks.
Crew and Guest Captive Portals	Data allowances configured per project requirements

Total Number of Cabins

Single Man Staterooms	1 ea.
Two Man Staterooms	3 ea.
Independent cabins	1 ea. Separate personnel berths for female or VIP Berthing
Total Number of berths	17 Bunks
Crew	8 ea
Charterers	9 ea.
Galley	Seating for 8
TV Lounge / Conference Area	10 person, Lounge with wireless INTERNET access 200ft2
Heads	5 ea. Total:
Public heads w/shower	2 ea.
Showers	5 ea. Total:
Public Showers	2 ea.
Private Showers	3 ea.
Climate Control	Full A/C and heating
Laundry	1 ea. Washer and Dryer



SAFETY

Life Rafts	2 ea. Survitec Zodiac 20- person ISSI life rafts with hydro static releases
Life Rings	8 ea. Life rings (seven with strobes and two with smoke)
Life Jackets	21 ea. type III adult with lights
Rescue Boat	17 Ft Boston Whaler- 2 Yamaha Jet Skis- 20 ft Nautica Diesel Jet Drive
Fire Protection	The vessel has in place a fully functional fire equipment, including portable and semi-portable fire extinguishers, fire pumps, fire mains, fixed gas extinguishing systems. All fire detection and alarm protection systems and system components installed meet and are in accordance with USCG or SOLAS requirements.
	Additional Fire Protection Features:
	a) Kidde CO2 fixed, gaseous fire extinguishing system that serves paint locker
	b) A fire detection and alarm system or an independent modular smoke detector or fire detecting unit located in each accommodation space
	c) 2 ea. SCBA with firefighting suits
Emergency Position Indicating Radio Beacon (EPIRB)	2 ea. Category 1, 406/121.5 MHz The EPIRB is registered per the NOAA Search and Rescue Satellite Aided Tracking (SARSAT).
Other equipment	Emergency steering pump, fire axes, two bolt cutters, emergency lighting, 2 emergency escape hatches, watertight door in cabin passageway, rescue swimmer's equipment, life sling, backboard, one line thrower, Pathfinder SART, emergency lighting system, day shapes
Medical	1 ea. Eyewash station - Portable Sterile Bottle 1 ea. Automated External Defibrillator (AED) 2 ea. First Aid Stations + Trauma Bag Vessel Crew: one certified EMT- 1 Medical PIC- All crew is Emergency First Responder & CPR certified
Vessel Alarm System	External siren and flashing light
Vessel Video Security System	16-Channel Network Video Recorder with 12 IP camera's in key locations. Remote alert configurations for motion detection and video tampering. 4 day recording capability 24/7

