### FEATURES

- 5086 external and internal plate schedule
- SAFE Boats exclusive stringer system
- Designed to ABS high speed craft structural requirements
- Four (4) subdivided watertight compartments with one (1) bulkhead water-tight door
- Hydro pressure and leak tested fuel tanks
- Reinforced keel beaching plate
- Engine room ventilation air towers along outboard side decks over engine space and aft of cabin
- Fully welded performance spray strakes
- Self-bailing weather decks
- Jet guard and swim deck at transom
- Bow eye integral with stem bar and bow structure designed for full load vessel towing
- Bow storage/anchor locker with top access watertight hatch
- Dual engine room watertight service patches for large component removal
- Ten (10), eighteen Inch (18") aluminum welded cleats
- One (1), ten inch (10") aluminum welded cleat for anchor tie-off on forepeak
- Sacrificial hull anode(s), four (4) on transom
- Integral sea chest with removable grates, top access service points, and multiple feed points for sea water systems
- Railing outboard around engine room, on top of cuddy cabin, and at forepeak of deck

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Overall (LOA) (feet)</td>
<td>66'-6&quot;</td>
</tr>
<tr>
<td>Length Overall (meters)</td>
<td>20.3</td>
</tr>
<tr>
<td>Beam Overall (BOA) (feet)</td>
<td>16'-6&quot;</td>
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<tr>
<td>Beam Overall (meters)</td>
<td>5.0</td>
</tr>
<tr>
<td>Deadrise at Transom (degrees)</td>
<td>22</td>
</tr>
<tr>
<td>Max HP</td>
<td>3,200</td>
</tr>
<tr>
<td>Max KW</td>
<td>2,386</td>
</tr>
<tr>
<td>Fuel Cap (gal)</td>
<td>7,000</td>
</tr>
<tr>
<td>Potable Water Capacity (gal)</td>
<td>100</td>
</tr>
<tr>
<td>Potable Water Capacity (liters)</td>
<td>379</td>
</tr>
<tr>
<td>Grey Water Capacity (gal)</td>
<td>50</td>
</tr>
<tr>
<td>Grey Water Capacity (liters)</td>
<td>189</td>
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<tr>
<td>Black Water Capacity (gal)</td>
<td>50</td>
</tr>
<tr>
<td>Black Water Capacity (liters)</td>
<td>189</td>
</tr>
<tr>
<td>Max Carrying Capacity (lbs)</td>
<td>25,000</td>
</tr>
<tr>
<td>Max Carrying Capacity (Kg)</td>
<td>11,340</td>
</tr>
<tr>
<td>STABILITY</td>
<td>Meets single compartment intact and damage requirements.</td>
</tr>
<tr>
<td>LOAD CONFIGURATIONS</td>
<td></td>
</tr>
<tr>
<td>Light Ship: vessel, standard engines, no fuel, light options, no liquids, no people, no cargo (lbs)</td>
<td>68,000</td>
</tr>
<tr>
<td>Light Ship: vessel, standard engines, no fuel, light options, no liquids, no people, no cargo (metric tons)</td>
<td>31</td>
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<tr>
<td>Draft at Light Ship (feet)</td>
<td>2'-11&quot;</td>
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<tr>
<td>Draft at Light Ship (meters)</td>
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<tr>
<td>Service Ready: light ship plus full fuel, potable water and entrained fluids, no people, no cargo (lbs)</td>
<td>86,000</td>
</tr>
<tr>
<td>Service Ready: light ship plus full fuel, potable water and entrained fluids, no people, no cargo (metric tons)</td>
<td>39</td>
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<tr>
<td>Draft at Service Ready (feet)</td>
<td>3'-4&quot;</td>
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<tr>
<td>Draft at Service Ready (meters)</td>
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<tr>
<td>Half Capacity Load (lbs)</td>
<td>81,000</td>
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<tr>
<td>Half Capacity Load (metric tons)</td>
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<tr>
<td>Full Capacity Load (lbs)</td>
<td>93,000</td>
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<tr>
<td>Full Capacity Load (metric tons)</td>
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<tr>
<td>Draft at Half Capacity (feet)</td>
<td>3'-4&quot;</td>
</tr>
<tr>
<td>Draft at Half Capacity (meters)</td>
<td>1.06</td>
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<tr>
<td>SPEED &amp; RANGE</td>
<td></td>
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<tr>
<td>Full Capacity Range at Cruise Speed (knots)</td>
<td>42</td>
</tr>
<tr>
<td>Half Capacity Range at Cruise Speed (nautical miles)</td>
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</tr>
<tr>
<td>Full Capacity Range at Cruise Speed (knots)</td>
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</tr>
<tr>
<td>Full Capacity Range at Cruise Speed (nautical miles)</td>
<td>28</td>
</tr>
<tr>
<td><em>All specs, features and GAs shown are subject to change</em></td>
<td></td>
</tr>
</tbody>
</table>

### PILOT HOUSE

- Aluminum 5086 construction designed to ABS high speed craft structural requirements
- Raised cuddy extension forward with “Wave-Break” top structure
- Windscreens forward leaning with wiper and washer systems, each independently controlled
- Tinted spotter windows for optimum visibility
- Eight (8) shock-mitigating seating on seat-boxes, SHOXS or equal
- Dinette with bench seating aft-port side
- Six (6) LED dome lights with individual on/off switches co-located with lights and master breaker on 24V breaker panel
- Two (2) dedicated 16K BTU air-conditioners
- Hydronic boiler provides hot water and additional waste heat provides 44K BTU dehosting and cabin heat
- All windows in pilot house include fabric interior covers for additional tinting and or black-out
- Aluminum hand-grab/rail system with black rubberized wrap where appropriate
- Rooftop electronics arch, manually lowering with securing mechanisms
- Port/starboard and aft hinged doors for exterior access
- Escape/ventilation hatch on forward cuddy

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**SAFE 65 FULL CABIN INBOARD**

**FEATURES…Continued**

**LOWER CABIN CONFIGURATION**
- Head and sink water closet to port forward with both hot/cold fresh water service
- Manual flushing toilet with 50 gallon/189 liter holding tank
- Galley to port, aft of head with drawers, cabinets, sink, 2.3 cubic foot refrigerator and microwave
- Forward berth with two (2) cushioned bunks
- Dinette starboard, L-shaped with table top and cushioned seating for eight (8) persons
- Mid-ship berths port/starboard, sleeping accommodations with four (4) cushioned bunks
- Three (3) dedicated 16K BTU air-conditioners (48K BTU total)
- Heat strips integrated with air-handlers provide lower cabin heating

**FENDERING SYSTEM**
- Collar, patented 100% foam SAFE XDR-1 with exterior sheath separates at 3 locations for replacement (multiple colors available)

**COATINGS, FINISH, INSULATION**
- Roll-on non-skid decks and gunnels (color to match scheme)
- Black or grey rubberized grip-tape on intended soft-touch surfaces
- Interior carpeted house side panels, divided for ease of removal (black or grey)
- Insulated floors, ceilings, cabin side-walls and bulkheads
- Un-treated, un-painted, un-prepped exterior aluminum surfaces (painting is optional)

**ATTACHMENT POINTS & ANCHOR**
- Bow eye integral with stem, with three (3) pressed in SS wear fittings
- Stern eyes (port/starboard)
- Anchor locker forward with water-tight hatch access from main deck
- Bitter-end anchor line point integral with stem
- 24V capstan on main deck with footswitch for anchor line

**ELECTRICAL SYSTEM & POWER GENERATION**
- House battery system 24VDC - two (2) marine-grade batteries
- Dedicated propulsion battery bank, 24VDC
- Dedicated generator battery bank, 24VDC
- Blue Sea 360 marine-grade breaker system
- Backlit switch panel with marine-grade switches
- Twelve (12) 12VDC power receptacles located throughout vessel
- 230VAC, 50Hz or 110VAC, 60Hz single phase system
- One (1) 30 kW, 50Hz or 33 kW, 60Hz diesel generator, raw-water cooled
- Two (2) 220V shore-power inlets per side of vessel, four (4) total, for ease of docking
- Eight (8) VAC protected outlets throughout the vessel

**LIGHTING**
- LED navigation lights (running, mast light forward, stern light aft, and at anchor, 360° white)
- Independently controlled interior/exterior dimmable LED walkway courtesy lights
- Independently controlled red/white LED overhead lighting per compartment with switches located at compartment entry points or co-located with the lights
- Engine room LED compartment lighting with switch located at entrance points
- Four (4) 12VDC rechargeable flashlights, one located in engine room, one located in raised pilot house, one located in galley area, one located in tank compartment space
- Eight (8) 24VDC LED flood lights, two (2) light aft decks, two (2) light bow decks, and four (4) (2 per side) light the side decks

**ELECTRONICS, NAVIGATION & COMMUNICATION**
- Magnetic compass with dimmable back-lighting
- Dual trumpet navigation horn

**SAFETY, RESCUE & DIVING EQUIPMENT**
- Six (6) dry-chemical fire extinguishers located throughout the vessel
- Engine room-dedicated automatic fire suppression system with control and alarm at helm
- Four (4) compartment-dedicated bilge systems in lowest point of bilge; each pump has 3700 GPH capacity with dedicated “High Water Alarm”
- Integrated compartment CO detection with safety shut down controller
- One (1) EPIRB Cat-2, 406MHz

**FUEL SYSTEM**
- 2000-gallon capacity diesel integral fuel tanks
- Tank vents with trapped check valves above deck
- Tank space independently powered ventilation
- Tank space-dedicated fuel level sight glass gauge
- Fuel level gauge at console

**PROPELLATION SYSTEM – MTU & Hamilton Jet (option)**
- Dual waterjet, diesel-powered propulsion system
- Two (2) 1600 BHP/1193 kW, MTU 10V2000 Diesel Engines, EPA Tier 2, IMO Tier-II
- 10% of time at 100% power (1600 BHP/1194 kW)
- 70% of time at 70% power (1120 BHP/835 kW)
- 20% of time at 25% power (320 BHP/238 kW) or less
- TBO 4,000 hours
- Block heaters
- 80A alternators
- Fuel coolers
- Remote start/stop and lock-out
- MTU “Smartline” monitoring and control system at helm
- Secondary digital monitoring and control system within engine room
- MTU diagnostic software and harness (laptop not included)
- Raw-water cooled system through single large, duplex sea-strainer system (one bank feeds both engines and genset) with additional capacity and single valve operation for switching strainers during operation
- Muffler exhaust system dedicated per engine, designed for high performance/low back-pressure
- ZF2060 transmissions, drive/neutral/reverse, with oil coolers
- Two (2) Hamilton HM621 waterjets with 340 kW impellers
- Single station Hamilton MECS electronic control system with traditional throttle and steering controls along with fully integrated joystick controls for close quarter docking and maneuvering
- Forced air compartment thermostatically controlled ventilation system
- FLOCS (Fast Lube Oil Change System) for engines, gears and generator

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### PROPULSION SYSTEM – CAT & Hamilton Jet (option)
- Dual waterjet, diesel-powered propulsion system
- Two (2) 1600 BHP/1193 kW, CAT C32 diesel engines, EPA Tier 3, IMO Tier-II
- “D” Rating (intermittent duty)
- 16% of time at 100% power (1600 BHP/1194 kW)
- 1000 – 3000 operational hours per year
- TBO 2,000,000 liters of fuel (528,000 US gal)
- Block heaters
- 105A alternators
- Fuel coolers
- Remote start/stop and lock-out
- MPD monitoring and control system at helm

### ELECTRONICS/LIGHTING
- Navigation Package(s)
- Side Scan Sonar
- Thermal/Low Light Camera Systems
- Loudhailer
- AIS
- Satellite Weather Receiver/Overlay
- VHF/UHF
- Wired/Wireless Intercom System
- EPIRB
- Chemical Biological Radiological Nuclear Detection Equipment (CBRNE)
- Law Enforcement Lighting
- Strobes/Bars (blue/red/amber)
- Searchlights
- Upgraded LED Flood Lights
- Underwater Dive Lights
- Laptop Mounting/Docking Station(s)
- Customer Furnished Equipment (CPE) Installation
- Docking Kit
- Anchor Kit
- Personal Flotation Device(s) (PFD)

### INSTALLATION
- Wire Label Package/Diagram(s)
- Drawing Package(s)
- Operator/Repair Manual(s)

### DOCUMENTATION
*All specifications and standard features are subject to change. Not all options are available on all models. Please contact SAFE Boats Sales Department for details.*

### OPTIONAL EQUIPMENT
**PROPELL**
- Engines (diesel)/Jets
- Engine(s) Rigging
- Blue Arrow Navigation

**CONFIGURATION OPTIONS**
- Bow Cover
- Sheer Deck
- Personnel Recovery Cut Outs (collar)
- Electronically Actuated Drop Bow
- Electronically Actuated Drop Transom
- Aft Bimini Top
- Reinforced Push Knees
- Locker System(s)
- SAFE XDR-2 Upgrade (lines & D-rings)

**TOPSIDE/CABIN**
- Topside/Cabin Paint
- Bottom Paint
- Tow Line Storage Spool/Cover/Line
- Interior Cabin Workstations
- Davit/Electric Winch
- Self Raising Upgrade

**ELECTRONICS/LIGHTING**
- Navigation Package(s)
- Side Scan Sonar
- Thermal/Low Light Camera Systems
- Loudhailer
- AIS
- Satellite Weather Receiver/Overlay
- VHF/UHF
- Wired/Wireless Intercom System
- EPIRB
- Chemical Biological Radiological Nuclear Detection Equipment (CBRNE)

**TRAILERING**
- Trailer with Bow Ladder
- Rolling Ship Yard Chock

**MISCELLANEOUS**
- Dive Ladder(s)
- Dive Tank Storage/ Holders
- Dive Light Mast
- Dive Staging Area
- Tow Light Mast
- Gun Locks/ Locker(s)
- Fresh/Raw Water Washdown
- Fire Fighting Pump/Engine Systems

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