





83' (25.30m) 2002 Inace Inace Explorer 83 San Diego California United States



Manufacturer: Inace

Engines: 8 Hull Material: Steel Engine Model: 3406 Cruise Speed: 10 Knots Engine HP: 440 Max Speed: 12 Knots Beam: Cabins/Heads: 5/6 22' 10" Max Draft: 7' 10" Fuel Type: Diesel

Water: 3800 G (14384 L) Fuel: 7552 G (28587 L)



\$2,250,000





Data Sheet

Condition: Used

Category: Expedition Yacht

Model Year: 2002 Refit Year: 2019 Beam: 22'10" (6.96m) Max Draft: 7' 10" (2.39m) Min Draft: 2' 10" (10.00m)

LOA: 83' (25.30m)

(0.00m)Cabins: 5 Sleeps: 10 Twin Berths: 4 V Berths: 7 King Berths: 1

On Deck Master: Yes

Heads: 6

Crew Cabins: 2 Crew Sleeps: 4

Maximum Speed: 12 Knots Cruise Speed: 10 Knots

Range NM: 4000 Fuel Type: Diesel Hull Material: Steel

Hull Shape: Displacement

Air Conditioning: Yes

Gross Tonnage: 79

Displacement: 180 tonnes Stabilizers: Standard

Stabilizer Brand: DSP 5000

Fuel Tank: 7552 gal (28587 liters) Fresh Water: 3800 gal (14384 liters) Holding Tank: 7552 gal MCA Certified: No

Builder: Inace

Interior Designer: Kirschsteins

Exterior Color: Blue HIN/IMO: 8668925

Stock #: e482b885-15c8-ec11-

a7b6-0022480b9b3b

Engines/Generators

Engine 1 3406 Inboard 440HP Fuel: Diesel Hours: 4770

Year: 2002

Engine 2 3406 Inboard 440HP Fuel: Diesel Hours: 4770 Year: 2002

Engine 3 3406 Inboard 440HP Fuel: Diesel Hours: 4770 Year: 2002

Engine 4 3406 Inboard 440HP Fuel: Diesel Hours: 4770 Year: 2002

Engine 5 31KW

Engine 6 31KW

Engine 7 31KW

Engine 8 31KW



Summary/Description

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Special Features

Designed and engineered to cruise the world in safety, reliability and comfort this Inace 83 Expedition Explorer has huge volume thanks to her impressive beam which includes five en-suite double cabins. Her key points include an impressive master cabin on the upper deck, exceptionally large flybridge with Jacuzzi, conveniently located crew area on deck level forward, plus a superb 2000kg hydraulic crane for carrying a big fishing boat or tender.

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Accommodations / Walkthrough

The style throughout the boat is cherry-stained Brazilian Mahogany built-ins with fabric and Magilite panels. There are hard wood floors throughout. The window surrounds are solid Mahogany and are removable for servicing the windows. Great effort has been made to maximize storage areas and ease of service to equipment.

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Galley

- Direct door from the port side deck into the galley
- Galley counters in Italian marble
- Lotus electrical 4-ring hob with Foinox oven with steam feature
- Bork W502 microwave (new 2018)
- (2) Bosch refrigerators (new 2014)
- Grand Maestria Nespresso Krups Coffee Machine (new 2014)
- Kenwood kitchen machine (new 2018)
- Whirlpool WDF330PAHS dishwasher (new 2019)
- Lava Rock BBQ (new 2016)
- · Ariston extractor fan
- Eurofrigo ice maker
- · Whirlpool Gold trash compactor
- Village Marine UV-filter
- (2) Consul compact fridges (master stateroom and flybridge)

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Master Stateroom

- The master stateroom is located behind the wheelhouse with full head, large shower, all in Italian marble.
- King size master bed has a stunning views with large windows on three sides.
- To starboard is a full desk with an excellent view. Against the aft bulkhead below the large window are additional drawers; in the starboard aft corner is one of two closets and the owner's entertainment area.
- The owner has direct access to a private aft deck equipped with a removable awning. This is a feature normally found on much larger vessels.
- The stateroom is extremely quiet while underway or at anchor. Sound levels are in the 53 Adba range with air conditioning running a 1/2 speed.
- Aft deck is equipped with 8 fishing rod holders, this deck is a great place to fish for tuna.

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Guest Stateroom

Solid Mahogany tread stairs lead from the foyer down to the lower accommodations were 4 double staterooms all with en-suite heads with separate showers, counter tops and floors are done in Italian marble.

The first two staterooms to port and starboard have two full size lower twin beds with end table in between. The two forward staterooms are identical queen staterooms. All of these staterooms are large and comfortable with good closet and drawer space with additional storage under the beds.

Sound levels under way and at anchor are pleasantly low.

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Crew Quarters

There are two large separate crew cabins starboard side with double beds and port side with queen size bed, separate heads and shared shower.

The cabins are accessed directly and from the boat deck. In the cabin on the port side is the entrance to the forepeak of the vessel there is also a safe for storing large items.

Crew Quarters

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Laundry Equipment

- Electrolux washer EW975F
- Electrolux dryer EDE5100

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Air Conditioning

- Aqua-Air Air Conditioning System with Alpha Series Rack Chillers A12-3-1HCK 3 Stage 12 ton Chiller and 3 compressors 220V\50Hz
- Aqua-Air Smart Start Soft Start Device 208-240v 50/60 Hz (new 2016)
- Command and control monitors located in every cabin / room on the ship.

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Electronics

 KVH TracVision HD11 1-meter satellite TV antenna solution features patented TriAD technology for simultaneous reception of DIRECTV Ka- and Ku-band broadcasts for HDTV as well as a global LNB (new 2015)



- Panasonic KX-TG9542B + (2) KX-TGA950B Dect 6.0 2-Line Cordless Phone w/ Link-to-Cell and 2-Handsets + 2-Pack 2 Line Handset for KX-TG954X and KX-TGA405B Range Extender (new 2015)
- Dell Ultrasharp 32" UP3216Q Monitor, UHD 4k 3840 x 2160 at 60Hz (new 2017)
- Loctek D7L Heavy Duty Full Motion Gas Spring Single LCD Arm Stand Desk Mount (new 2017)
- Laser Printer Brother HL-2130 with spare cartridges (new 2016)
- Sony Bravia TV
- Philips DVD player
- Italian speakers

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Navigation

- (2) Furuno NavNet TZtouch Multi-Function Display Black Box TZTBB MPU-002 (New 2014)
- (2) Furuno / Hatteland NavNet TZtouch Multi-Function Touch Displays MU190T (new 2014)
- (2) Furuno MCU004 Remote Control for NavNet TZtouch (new 2014)
- (2) Furuno GPS antenna GP-330B (new 2014)
- (2) Furuno GPS navigator GP-39 (new 2014)
- (2) Furuno Switch Box PSD-002 (new 2014)
- (2) Furuno TruEcho CHIRP Network Fish Finder DFF1-UHD (new 2014)
- Furuno / Airmar transducers B265LH and B275CLHW (new 2014)
- Furuno NavNet TZtouch open Ultra High-Definition Radar Sensor DRS-25A (new 2014)
- Furuno NavNet TZtouch radome Ultra High-Definition Radar Sensor DRS-4D (new 2014)
- Furuno network hub HUB-101 (new 2014)
- Furuno radar power supply PSU-17 (new 2014)
- Furuno AIS Receiver FA-30 (new 2014)
- Furuno SC-501 satellite compass
- (2) Furuno Multifunctional Display FI50 (new 2014)
- Furuno Wind Instruments with display FI50BW (new 2014)
- Furuno Navtex NX300 with antenna NX3H (new 2014)
- Maretron SSC200 Solid State Rate / Gyro Compass (new 2016)
- Vesper WatchMate XB-8000 Class B AIS transponder with a two-channel receiver and transmitter (new 2015)
- Raytheon RAY 430 loudhailer
- Simrad Robertson AP 35 autopilot
- Simrad Robertson AP 20 autopilot
- Simrad RI 35 rudder angle indicator
- Portable console with Morse KE-4a electronic controls, Max Power bowthruster joystick, Simrad R3000X autopilot,
 Simrad RI35 rudder angle indicator
- Danforth Constellation compass in wheelhouse
- Danforth Corsair III compass on flybridge



- Complete set of marine electronic charts for Caribbean, Mediterranean, Central and North America
- All electronics connected to NMEA 2000 backbone and integrated with NMEA 0183 equipment

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Communications Systems

- KVH TracPhone V7-IP Ku-band Antenna, Integrated ICM, upgraded ICM for HTS High-Speed Maritime Communications (new 2014 / 2018)
- Iridium OpenPort Global Satellite System for Phone and Internet connection (new 2014)
- Sailor RT 5022 VHF DSC
- Furuno RB-2721A VHF DSC with repeater in lower accommodations
- BLU JRC 150 W SSB (JSB-196 radiotelephone, NCT-196N DSC/NBDT modem, NFC-196 antenna)
- Icom GM1600E GMDSS VHF
- A2E Navy-02 5 Watts portable VHF
- (2) Comrod AT73TS23-2, 23 ft SSB Antenna (new 2016)
- (2) Digital Antenna 829-VW-S 8 ft VHF Antenna (new 2016)
- (3) Standard Horizon HX870 6W Floating Handheld VHF with GPS (new 2016)
- Glomex weBBoat 4G PLUS 3G/4G/Wi-Fi DUAL SIM integrated system for Internet and phone (new 2018)
- CradlePoint ARC MBR1400 Integrated Wireless Router



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Engine and Mechanical Equipment

The engine room is accessed via the aft deck through a watertight door. As you would expect in a vessel designed for world cruising, the engine room is extremely large and well laid out. There is full standing room throughout and easy access to all equipment with consideration given to the individual who will maintain the equipment. There is a centerline workbench with sink and overhead cabinets. The main engines and generators are fed off a centerline day tank that will supply in excess of 24 hours running time, the first 12 hours of which provide a positive pressure to the main engines.

The fuel system is designed so that the Aqua Laval fuel cleaning systems can be run 24/7 with it, pulling from the two main tanks filling the day tank. As the day tank over fills, it will overflow back to the two main tanks, this not only assures that the fuel in all three tanks is clean, but also that the fuel in the day tank is cool. Should you only wish to transfer fuel at set intervals, the day tank is designed so that the two main tanks act as heat sinks to equalize the fuel temperature. There are three ways of transferring fuel, including a manual pump.

There are two sea chest pickups in the engine room with a cross over pipe that feed all of raw water systems. The pickups are designed so either one can run the entire systems when partially clogged. Each pickup can be separated from the system and are fitted with a compressed air blow down for quickly clearing them.

The piping running from the cross over pipe is CiNi all main pipelines are made of stainless steel. Wherever possible pipe joints have welded flanged fitting and piping has been designed to be removable for servicing.

You will find that most key systems are backed up, this includes but is not limited to, fresh water, bilge and fire. There is an escape hatch from the engine room and also access to the lazarette and via the lazarette to the aft deck. The entire engine room is a steel box, there are manual shutdowns for the variable speed reversing fans with air cut off flaps, fuel and engine shut offs.

The A/C electrical system is backed up on key equipment by (8) 8D battery's powered inverter system, which allows you to go dead ship for up to 10 hours and still maintain all refrigeration, freezers, fresh water and other systems.

It is possible to use only one Main Engine on crossings.

- Main Engines Gear Box 2 x ZFW 350
- American Bow Thruster hydraulic system with two joystick control stations
- (2) Rodríguez Marine System SMS 1000 1,25 sq. m surface stabilizers upgraded in 2017 with Wesmar DSP 5000 Wave Smart Digital Package
- (4) Parker cylinders



- Alfa Laval MIB 303S 220 Volt 50/60Hz fuel separator
- Hynautic hydraulic steering system with two stations
- Headhunter Tidal Wave HMX Sewage Treatment Plant TW-HMX-6001 (new 2016)
- Headhunter Royal Flush sanitary system
- Headhunter tank sounding system with automatic and alarm
- (2) Headhunter Mach 5 multistage freshwater pressure system / pumps (new 2016)
- Headhunter Tortuga TOR-1P50 Sewage Diaphragm Pump (new 2016)
- (2) Grundfos MQ 3-45 freshwater pressure system / pumps
- FCI MQ1826+APC MAXQ+ W/APC auto pressure control water maker can produce 7000 liters per day (new 2016)
- Flow jet pumps in the bilge
- 4" shaft seal from tires marine exhaust system center for engines and generators with mufflers
- Fan coil in engine room
- Ventilation with Toshiba VFNC-2015PL-W frequency inverter and dumper 2hp
- Exhaust ventilation with Toshiba VFNC-2015PL-W frequency inverter and dumper 1hp
- Ficic air compressor, max pressure 116 bar
- Burks 23992-10Y365 220 Volt 50/60Hz diesel pump
- 2IM2-M 220 Volt 50Hz grey water pump
- 2JM2-M 220 Volt 50Hz black water pump
- 2JM2-M 220 Volt 50Hz fire pump
- (2) water heaters, 150 liters each
- Engine room monitoring system with 6 Flir AX8 Thermal Imaging Ethernet/IP cameras and wheelhouse computer

The vessel has a large set of spare parts and filters for Main Engines and Diesel Generators.

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Electrical Equipment

- (2) Generators John Deere 4039DFM01 with Kilopack 5HKP31/1PF1P 31kW / 140A
- ASEA Power Systems AC25Q-1 Shore Power Converter (new 2015)
- 50 meters shore power cable (new 2015)
- Main Engines Morse KE-4a electronic control system on two stations
- Mastervolt Mass Sine Inverter MVT 25022500 24V 2500 Watt (120V/60Hz) (new 2016)
- Mastervolt Charger MVT 40010800 12V/80A-2 230V 50/60HZ (new 2016)
- Mastervolt Dakar combi 3500 W Inverter with eight gel batteries and Link 2000
- (2) Mastervolt Charger Master 24/30-3 24 Volt Automatic Battery Chargers, 30A (new 2021)
- Mastervolt IVO Compact 3 outputs 25 Amp automatic battery charger
- Mastervolt IVO Sine 12/500 230 Volt 50Hz 500 Watt inverter
- (2) Gel 120 Ah service battery bank
- (2) Mastervolt 120 Ah spare battery bank

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- (2) Gel 120 Ah service battery bank
- (2) Mastervolt 120 Ah spare battery bank

Deck and Hull

- Teak deck 22mm Burma First Quality in corridor, aft deck, flybridge and swim platform
- Unopiu Italian teak aft deck table, flybridge table and 8 chairs
- (2) MUIR 4500 windlasses with devil's claws, chain stopper remote control with chain counter
- CQR anchor 180 kg
- Navy anchor 225 kg
- Fiorentina 28" parachute sea anchor (new 2016)
- 90m galvanized 5/8" chain in each anchor with a Spanish swivel
- (2) Chain transducers 286-412
- (2) Aft deck electrical capstans VC 3500 MUIR
- (55) Imtra Sigma small exterior deck lights style LED cool white (new 2019)
- (3) Imtra T-series exterior deck lights style LED cool white with 6" (new 2019)
- (2) Rigid flood lights on the boat deck (new 2019)
- 8 Fusion Garmin MS-FR6022, 6" Marine 2 Way outside speakers (new 2019)
- (2) Glendinning shore power cable systems
- (3) Exalto windshield wipers 250BS
- (12) Polyform F7 Fenders with spare covers (new 2019)
- Mor Saverio 079 PIN max 200kg 24 Volt 2.000 Watt passerelle with 5m in three extensions 180 rotation up / down
- Palfinger Marine Crane PK12000M with remote control, maximum outreach 12.5 meters, capable of lifting from the boat deck and lowering into the water on either side of the vessel a boat weighing up to 2000 kg and lifting up to 500 kg to the flybridge (new 2014).
- Davit electric UMT Marine ECO800 (new 2019)
- (2) Taco Marine Sport Slam 15' Outriggers
- All deck fills and vents are 316 stainless steel

The anchor system was specifically designed to hold two distinctly different anchors, the 440 pd plow on the centerline, the all-around anchor, for sand, hard packed sand, grass and other solid bottoms. On the starboard side a 550 pd naval style Danforth for soft sand, mud and other bottoms were large surface areas increase holding. There are stainless steel strike pads integrated into the stem and stainless-steel slap guards on the deck running from the windlass to the stainless-steel chain pipe for the Danforth and stainless-steel anchor pulpit for the plow.

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Pilothouse

Comfortable wheelhouse in true expedition style, raised 6' 6" settee with granite table can double as pilot berth.

Excellent visibility in all conditions out of the reverse angle windows, the center section of the helm instrument area was lowered to assure a clear view when seated or standing.

The wheelhouse is done in natural Brazilian Mahogany with 3/4" Mahogany and Marfine laid floor that run throughout the vessel.

There is a full Portuguese bridge and side wing stations accessed via port and starboard side doors. Sound levels in the pilothouse are extremely quiet, when the engines are started it is necessary to check the rpm gauges to assure yourself that the engines are running.

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Flybridge

Internal stairs lead up to the large flybridge. There is a full helm station, sunning area with large storage areas below, granite top bar and Lava Rock BBQ, further aft is a beautiful Brazilian Mahogany dinning table that seats eight. All the way aft is Jacuzzi, freshwater shower and stern Davit.

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Safety and Security Equipment

- Ademco Bentel Security centralized alarm system, smoke detectors throughout
- CO2 fire extinguishing system in engine room
- Fire extinguishers CO2 of 2kg (14), CO2 of 5kg (2), powder of 6kg (2), powder of 3kg (3), powder of 2kg (1)
- (3) Fire Hose sections 45mm 20m with Variomatic triple effect nozzle
- (2) Survitec Zodiac XTREM life rafts for eight persons each
- Icom GM1600E GMDSS VHF
- Simrad SA50 SART radar transponder
- Ocean Signal Class 2 EPIRB Safe Sea E100/E100G
- (6) Stearns Immersion Suit Model i950 Style A Thermashield 24+
- (8) Mustang Survival 4 in 1 Solas Life Jacket
- (8) Zodiac 275 NW ten inflatable life jackets
- (2) Lifebuoys with Pains Wessex Manoverboard MK9 Compact Lifebuoy Marker
- (2) Lifebuoys with floating rope
- Emergency Portable Diesel Generator with Electric Fire Pump
- (5) safes with capacity to store a laptop in each one and large gun safe

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Recent Upgrades and Service

Over \$1.2 millions was spent on refit and upgrades in 2014-2019, including but not limited to the following:



2022:

- Full cleaning and varnishing of tables on the flybridge and aft deck
- New table covers on the flybridge and aft deck, fuel storage box and Jacuzzi
- Replacement of hydraulics and full maintenance of the main hydraulic system
- Replacement of the main engine battery charging system, diesel generators and emergency equipment with Mastervolt Charger Master Chargers.

2019:

- Sandblast underwater hull, 2 coats epoxy primer and antifouling
- Forward crew stateroom tank top paint
- Full hull and superstructure paint job
- Fresh water tank drained and cleaned and painted
- New Imtra Sigma exterior deck lights style LED installation
- Stern passerelle removal, inspection and repair including hydraulics pipes
- Forward deck fairing port and star board sides
- New port engine seawater pipe
- Remove and reinstall bow thruster props
- Fabricate and install (2) new 316 s/s stabilizer fin kelp cutters
- Main engines and generators serviced and all new injectors

2018:

- Installation of new Aqua-Air Air Conditioning System with Aqua-Air Smart Start Soft Start Device
- KVH TracPhone V7-IP Ku-band Antenna upgrade ICM to HTS High-Speed
- Sandblast underwater hull, 2 coats epoxy primer and antifouling
- Propeller, rudders and shafts removal, inspection and repair
- Transom sand and paint
- · Hydraulics and steering heat exchangers removal, inspection and cleaning
- Overboard manifold removal and weld repair
- Repair and service all seawater exhaust pipes
- Fabrication of (2) new main propeller shafts
- Swim platform paint work
- Main pipe sea chest valves removal, inspection and repair
- New line cutters install
- Reupholstered all exterior cushions and overheads

2017:

- Rodríguez Marine System SMS 1000 surface stabilizers structural reinforcement, new coating and upgraded with Wesmar DSP 5000 Wave Smart Digital Package, 4 Parker cylinders installation
- Main engines and generators serviced and all new injectors

2016:

- Sandblast underwater hull, 2 coats epoxy primer and antifouling
- Propeller, rudders and shafts removal, inspection and repair
- Machine new rudder bearings for both port and starboard rudders and install
- ASEA Power Systems AC25Q-1 Shore Power Converter
- Headhunter Tidal Wave HMX Sewage Treatment Plant



2014:

- Sandblast underwater hull, 2 coats epoxy primer and antifouling
- · Propeller, rudders and shafts removal, inspection and repair
- Full hull and superstructure paint job
- Main engines and generators serviced and all new injectors
- Stabilizers removal, inspection and repair
- New Palfinger Marine Crane
- · All fuel tanks cleaned
- New Furuno electronics and navigation equipment
- New KVH Satellite communication equipment
- New KNH TV Satellite system
- New fridges

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Toys

Whitehall Tango 17 Double Slide Seat Sculling Ocean Rowboat (new 2016)

Scuba Gear and Dive Equipment:

- (2) Bauer JUNIOR II electric 3-stage dive compressors with air purification system and spare filters (new 2014)
- (10) Scuba 18 liters / 20 kg metal tanks with Tecnomar valve M25x2 (new 2014)
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Remarks



AMARELLLA F has crossed the Atlantic ocean several times, cruised in the Mediterranean and Caribbean Seas, passed through the Panama Canal and hosted many scuba diving and fishing expeditions in Panama, Costa Rica, Nicaragua, Mexico including to the Cocos Island and Revillagigedo (Socorro) Islands. AMARELLLA F has also made several fishing expeditions to Alaska sailing through the Inside Passage including through Hole in the Wall rapids.

Optional toys and equipment:

- Thales VesselLINK unit utilizing new Iridium Certus Satellite System for global Internet and phone connection
- Stabicraft 1850 Supercab fishing boat (boat and all equipment new from 2016):

6 people capacity, range 100 miles

Honda 115hp Furuno TZTL15F NavNet TZtouch2 Chart Plotter / Fish Finder

Furuno TM Ducer 525STID-PWD

Furuno NAVPILOT711C/OB Self-Learning, Adaptive Autopilot

Furuno Autopilot Hydraulic Pump

SeaStar Outboard Hydraulic Steering Cylinder and System

Teleflex Linear Outboard Rudder Reference Unit FAPAR4502

Standard Horizon Matrix GX2000 VHF with AIS receiver, waypoint navigation and 30W loud hailer

Standard Horizon HX870 6W Floating Handheld VHF with GPS

Vesper WatchMate XB-8000 Class B AIS transponder with a two channel parallel receiver and transmitter

Ocean Signal EPIRB1

NOCO GENIUS GEN2, 2-Bank, 20-Amp Fully-Automatic Smart Marine 12V Onboard Battery Charger

Fusion MS-RA205 Sirius XM Marine digital media receiver

Taco Marine Sport Slam 15' Outriggers

Digital 578SW AIS Antenna 4 ft

Digital 528VW VHF Antenna 4 ft

Live Bait Fish Tank

Maxwell Automatic Anchor Rope Chain Windlass prepared for use with (2) Scotty downriggers and Honda 9.9hp outboards

• Zodiac Milpro Mark IV Heavy Duty inflatable boat (new 2014):

12 people capacity

Yamaha 40hp outboard

Electrical start

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