



**NAUTILUS
MARINE
SERVICES
PTY LTD**

ABN 741 071 294 93

ACN 107 129 493

John Billett

PO BOX 484
HELENSVALE QLD 4212
TELEPHONE 0417 220 720

“BRAVEHEART”



Builder	: C&P Marine	Year	: 1992, 1995 and 2003
Length	: 23.85M	Hull	: Aluminium
Beam	: 6.2M / 20'6"	Engines	: 2 x Volvo TAMD 71A 266Kw
Draft	: 1.8M / 5'9"	Speed	: 12 Knots / Cruise 10Knots
Accom.	: 9 Guests + 3 Crew	Range	: 1000 Nm
Lying	: North Queensland	Price	: POA

CONSTRUCTION

Construction :	Welded aluminium – Chine – Carvel
Frames :	140 x 6mm & 80 x 10mm flange topsides
Beams :	100 x 60 x 6mm Transverse. Plus longitudinals 50 x 50 x 5mm & 145 x 100 x 6mm Alternate
Stringers :	70 x 60 x 6mm on 660 CS
Bulkheads :	9 watertight 6mm with 60 x 50 x 4/6mm extruded Tee stiffeners. Note all extrusions grade 6061-T6 8mm.
Plating :	8mm
Decking :	Painted aluminium on foredeck
Deck Erections:	Forward 6mm, Sides 5mm, cabin top 4mm. Note all plate is Grade 5083 H321

ENGINE SYSTEMS

Engines :	2 x Volvo Penta TAMD71A @ 266KW each. Overhaul 06/03.
Exhausts :	Wet Exhaust – extensive modifications and renewal 08/03.
Gear Boxes :	Twin Disc MG5091 Hydraulic. 2.85:1 reduction.
Drive System :	Conventional shafts @ 75mm Stainless Steel
Propellers :	889 x 736 4 Blade Bronze Alloy Teinbridge
Stabilizers :	Wesmar RS1200 – 12sq.ft fully automatic hydraulic active stabilizers. New 08/03
Bow Thruster :	Wesmar 75 HP Bow Thruster. New 08/03
Stern Thruster :	Wesmar 40HP Stern Thruster. New 08/03
Controls :	ZF Electronic with Remote
Generators :	Port : 6BT Cummins with 100KV _a alternator Stbd: Onan MDKAF 28 KV _a 3 phase with gas/water exhaust separator. New 08/03.
Fuel capacity :	5 x Alloy tanks totaling 8,600 litres. All Tanks have new I.T.I.M level sensors connected to readout at helm.

- Fresh Water** : 2 x Alloy tanks totaling 6,700 litres. Both have new I.T.I.M level sensors and readouts at helm.
- Bilge Pumps** : 5 x 24 volt automatic bilge pumps with float switches and high water alarms. One in each compartment. Indicator panels at helm.
- Engine driven and 240 volt driven bilge pump with manifold system located in Engine Room.
- 240 Volt bilge / fire pump located in Lazarette / Tiller Void
- Honda petrol driven portable bilge / fire pump located aft deck lockers. New 08/03.
- Hydraulic System** : New Custom Built Hydraulic system in Engine room with PTO's off both Main Engines and Port Generator, driving Bow and Stern Thrusters and Davit.
- Fuel Filters** : New Racor system on custom manifold allowing for full selection of fuel draw and return.

ELECTRICAL SYSTEMS

- Shore Power** : Fully compliant Shore Power inlet in cupboard on aft deck with heavy duty power cord. 3 phase supply with safety switch and reverse polarity indicators and changeover.
- Ship's Power** : 2 x Generators in Engine Room. 3 Phase. Refer above.
- Battery Power** : New battery banks x 3 (2 x 24 Volt each bank) - 08/03. Full Isolation capable. Charging from main Engines and 240Volt Charger.
Generators have separate battery.
Also radio batteries in Wheelhouse and 1 x 12Volt for Emergency lighting.
- Battery Charger** : Mastervolt 75/24. New 08/04
- Inverter** : Mastervolt Dakar Charger / Inverter 3KVa
- Distribution Board** : Fully RCD Protected distribution board in Aft lobby and various sub-boards throughout vessel.

HELM AND NAVIGATION EQUIPMENT

Plotter / GPS	:	Simrad CA52 15" with CMap NT charts. New 01/03
Radar	:	Simrad RB716A 48Mile Radar with 4' scanner, 4KW output. New 03/04. Plus, Furuno 1940-RDP-078 48Mile Radar
Auto Pilot	:	Simrad AP 22 with Constant Running Commercial drive unit. New 02/03.
Radios	:	Codan 8528S HF transceiver. GME Electrophone GX558 VHF. Plus Ships Phone: CDMA phone with GSM changeover for fax/data. Full wiring in place to support internet, fax and phone via mobile or dockside input.
Controls	:	Remote ZF package including gear/throttle, Bow Thruster and Stern Thruster along with normal helm electronic controls.
Sounder	:	Furuno FCV 581 Colour Sounder
Chain Counter	:	Muir at helm and remote pendant operation.
Bow Thruster	:	Wesmar 75 HP new 08/04
Stern Thruster	:	Wesmar 40 HP new 08/04
Stabilizers	:	Wesmar RS 1200 – 12 Sq.ft active fins. New 08/04.
Nav & Safety at Helm		Public Address System. Full fire alarm panel Barometer Clock Compass Foghorn GME Intercom throughout vessel

SAFETY EQUIPMENT

- Life Raft** : 25 man RFD Surviva Life Raft. Service date 5/2005
- Other Equipment** : GME MT250C EPIRB
2 Life rings with lights as per survey
25 Life jackets with lights and whistles.
40 other approved life jackets
1B Coastal First Aid kit
Full Flare Kit
- Fire Fighting** : Portable Honda petrol driven fire / bilge pump to survey requirements.
- Smoke and fire detectors fitted throughout vessel.
Monitored at panel at helm. Inertia system – 2 zones – 17 detectors.
- Portable fire extinguishers throughout vessel as per survey requirements.
- 1 x Phirex Water Mist in Engine Room.

GALLEY EQUIPMENT

- Dishwasher** : Bosch Aquasensor. New 08/03
- Fridge** : Whirlpool side by side fridge / freezer / ice maker
- Microwave oven** : LG Intello SST 900W. New 08/03
- Conventional Oven** : St George Meridian commercial size S/Steel Oven. New 08/03.
- Cook top** : Bosch PKL 865 DAV touch control 5 Burner. New 08/03.
- Exhaust fan** : Commercial overhead stainless steel with multi speed fan and light.
- Extras** : The Galley is also Air conditioned. There are plenty of under counter storage cupboards as well as a separate larder area with a second fridge freezer. There is also a 750 litre freezer in the crew area along with a separate huge bar fridge and upper deck small bar fridge. 2 additional Ice makers are on board.

ENTERTAINMENT AND ADDITIONAL EQUIPMENT

- Sky Lounge** : Full entertainment system comprising:
Sony Wega 59cm Colour TV
Pioneer DVD (DV355-K)
Pioneer 6 Stack CD player (CDM – 427)
Sony Playstation
Pioneer Receiver/Amplifier (VSXD711)
Jamo Speakers – 4 x 883K3 + 2 x outdoor (1/01A)
Panasonic VCR (FJ-630)
- All new 08/03
- Extras** : The entertainment system can play DVD movies etc within the Skylounge area while playing music to the outside areas or the Upper deck.
- The skylounge has 3 air handlers as part of the vessels extensive air Conditioning system by Cruisair. New 08/03
- Main Saloon** : Full entertainment system comprising:
Grundig 76cm wide screen colour TV. 100Hz (MFW 82-5210/8)
JBL Surround sound speakers
Pioneer CD 6 Stack player (PD – M427)
Pioneer DVD (DV-355K)
Pioneer Receiver/Amplifier (VSX – D8115)
Sony Playstation with infra red remotes.
2 x Jamo Outdoor speakers (883K3)
- As with the Sky lounge system, the Saloon entertainment centre can show movies indoors while playing music on the Aft deck.
- All new 08/03
- Aft Cabins** : LG 20” LCD flat screen TV (RT15LA31)
Sony DVD (DVP-F25)
Air Conditioning
- All new 08/03
- Note there are 2 x Aft Cabins with identical equipment

- Forward Cabins** : LG 15" LCD flat screen TV
Sony Playstation (DVD Capable)
Air Conditioning
- All new 08/03
- Note there are 2 forward guest cabins. Port has 3 x single bunks. Starboard has 2 x single bunks.
- Crew Cabin** : LG 15" LCD flat screen TV
Sony Playstation (DVD Capable)
Kelvinator 300 litre Freezer (FN300H)
LG Front loading washing machine (WD801 3F)
Hoover Clothes Dryer (5050ED)
Air Conditioning
Built in Storage cupboards.
- All new 08/03 (Freezer 03/04)
- Bar Area** : Hoshizaki Ice Maker (EIAXC202) New 08/03
Full commercial double glass door under counter fridge.
Full O/haul 08/03.
Gaggia Cappucino Machine. New 08/03
Granite bench tops, new stainless sink and tap ware.
- Office** : Custom lounge suitable for use as single bed.
Large work centre with full communications facilities including Fax, Printer and Computer.
There is also a bathroom with head and shower adjoining this office area.

Upper Deck : Outdoor Wet Bar area with Corian Bench tops, under covered awning.
There is a second Hoshizaki Ice maker and Fisher & Paykel fridge (ULF306556).
Ample cupboard space for glass storage.

New 9 person Spa (salt or freshwater supply), with sun bed cover.

Custom built 1000kg Davit crane, full slew and extension. Hydraulic with remote pendant that reaches the aft swim platform below.

Built in Storage for Tender fuel drums and Gas bottles as per survey.

Tender storage with removable cradles.

Extensive lighting on decks, as well as flood and spot lights.

Cockpit Deck Area : This area has been extensively modified to create a very functional water sports centre.

Watertight storage cabinets house:

- Bauer Dive Compressor new 08/03
- Dolphin De-Salinator new 08/03
- Dive Bottle rack for 12 tanks.
- Emergency portable fire/bilge pump new 08/03
- Storage for all dive / snorkel gear.

Lockers over storage area house more dive / snorkel gear and also a custom slide out stainless steel BBQ.

All storage areas are well lit with both 240 Volt and 24 Volt supply.

As with most decks throughout the vessel, new laid Teak decks were fitted 08/03.

Aft Dining Deck : This area has had a custom lounge fitted with a huge hand made Teak table featuring inlaid compass design. This table will seat 12 persons for dining.

There is a sink with hot/cold water, with Corian cover.

A Day Head is also located at this aft deck area.

The entire area can be Alfresco, or with the fitting of Clear Screens, becomes an indoor dining area. Note there is also a large Dining table within the Main saloon.

This area also has had Teak decks laid.

Tiller Void : This is accessed through a hatch concealed in the deck of the Aft Dining area.

This area houses most of the vessels vast Air-conditioning equipment, the Filter and inlets for the De-salinator plant, Rudder access, Spa fill pump and drain, 240 Volt emergency bilge / fire pump and also large storage capacity.

Deck Equipment Ground Tackle : The vessel has 2 x 102 KG Danforth Anchors fitted with 2 x 110 Metres of 16mm short link galvanized chain.

This driven with a Muir Thor Hydraulic windlass with its own hydraulic power pack located under foredeck lounge. It is Dual Gypsy set up with a remote pendant. There are also controls for anchor at the wheelhouse and an anchor chain counter.

There is an extensive supply of high quality dock lines and covered fenders as well as Survey standard tow line.

Tenders and Toys : The main vessel tender is a 5.05 metre Gemini inflatable with 90HP Yamaha outboard. This has dive racks fitted, custom seating, and targa bar with ski hook and rod holders.

There is also a second tender which is a 3Metre Inflatable with 15 Hp Mercury outboard. (Outboard new 08/03)

The vessel has two personal watercraft toys.

Seadoo RXDi – new 08/03
Polaris Jet ski

These craft are stowed on the aft deck on removable cradles, and covered in custom black Sunbrella fabric, in keeping with the rest of the boat's covers.

There are 2 x wave skis and paddles stowed on wheelhouse roof. New 08/03

The vessel carries an array of water skis, wake boards and tube rides etc.

GENERAL DESCRIPTION

Braveheart has undergone an extensive re-fir and refurbishment in 2003. Upgrades and improvements include full upgrade of the steering system, new Cruisair reverse cycle Air-conditioning throughout the vessel, new Wesmar Bow and Stern Thrusters (over-sized) and new Wesmar stabilizers (over-sized), new entertainment systems throughout, all new custom carpets, furniture, wall linings, deck head linings, lighting, teak decking, major electrical upgrades (including new Onan 28KVa generator), and new hydraulic systems.

The entire vessel was repainted as part of this massive refurbishment.

Cockpit

Boarding the vessel is via the cockpit deck area by way of the teak decked swim platform, or by starboard side gunwale door at the aft deck area.

The cockpit area has a full width swim platform, recently lowered so as to allow easy ingress for swimmers and featuring a custom built, wide rung swim ladder.

One step up leads to the open cockpit deck where the stowed personal watercraft can be removed along with their cradles, to create a huge water sports platform. The cockpit deck and swim platform have been covered with a laid teak deck. There are custom, removable stainless steel gates to ensure safety when under way.

There are 4 watertight doors to a large storage area that houses myriad dive, snorkel and watersports equipment as well as a Bauer Dive Compressor, Dive bottle storage rack, Portable bilge/fire pump, and Dolphin De-salinator.

Above this storage facility are a further 4 hatches on gas struts that open up even further storage options and also house a slide out stainless steel gas BBQ.

All storage areas are internally lit with both 240 Volt and 24 Volt lighting. The entire cockpit area can be illuminated with powerful flood lights, again of either 240 or 24 Volts.

There is a hot and cold freshwater shower along with fresh water wash down facilities for the watercraft.

To the starboard side of the cockpit deck are 4 steps, with courtesy lights that lead to the aft deck area.

Main Deck - Aft deck, Bar, Saloon, Dining, Galley, Office

The aft deck consists of a fully covered alfresco style dining / lounge built in with a large custom made inlaid teak table to seat up to 12 guests. The lounge has cushions covered in Sunbrella fabrics that continue a theme throughout the vessel.

To the starboard side of this deck is a boarding gate and a wide stairway leading to the upper deck. Under this stairway is a storage area and access to the bar fridge compressor and the twin Hot water systems. The stairs, as with the entire deck area has all new laid teak decks and courtesy lighting abounds.

The entire area is covered by the newly extended awning which features Italian lighting and Jamo Kevlar speakers, and can be fully enclosed using Vyback clear covers.

The aft deck area also features a day head to port which is completely new with varnished teak flooring, bevel edged mirror and a Corian bench top vanity.

Also a large sink/tub with hot and cold water is concealed under a Corian bench top adjacent to the dining table. This has served as large ice bucket.

There is also access to the Tiller Void area via a hatch in the deck.

Moving forward from the aft deck, access is gained to the vessels interior spaces, starting with the main Saloon and Bar area, via new custom glass concertina doors. These doors open into a foyer area with varnished teak sole and bar service counter to starboard. The counter top is of exquisite Sassafras timber.

The foyer opens up to the full beam saloon area that has a huge cream leather lounge to port with large windows permitting excellent views and plenty of natural light. There are 2 Sassafras topped coffee tables.

The lounge faces the Saloon entertainment centre, features of which are listed previously.

The Saloon walls are paneled with Huon pine while the carpets are custom made Chocolate Brown fire rated wool with Cream Borders.

The Bar area to Starboard is fully equipped to near commercial standard with Ice Maker, huge under counter glass door fridge, plenty of glass and equipment storage. The benchtops are dark brown Granite, a feature mirrored further in the vessel.

Forward of the bar area there is a semi-circular staircase leading below to the aft accommodation and Engine room.

Further forward is the indoor dining area that again features a large table of Sassafras timber top and surrounding cream leather lounge providing seating for up to 12 guests.

The forward end of the dining seating has a custom built dinnerware and cutlery cabinet. This again features sassafras cabinetry and dark brown Granite tops.

Adjacent to the Dining table and to port is the gourmet Galley. Here stainless steel splash backs give a restaurant feel that is matched by the inclusions of quality appliances, including an oversized oven and huge bench top space for meal preparation. Full equipment listing is featured previously.

Again moving forward, to starboard is a watertight door leading to the foredeck area.

Next to this door are stairs leading down to forward lower deck accommodation.

To port of these stairs is an extra larder area with dry food storage cupboards and an extra refrigerator. To port are the stairs that lead up to the Sky lounge and helm area.

Finally for this deck, furthest forward is the ship's office. This is a separate cabin with door for privacy that also features its own bathroom with head and shower. The office consists of a custom made lounge that is designed to double as large single bed if required. Large storage is found under this lounge.

There is also a large workstation with wiring for phones, faxes, internet and computer all derived from ships sources or from dockside inputs. The vessel has its own CDMA/GSM phones capable of handling voice and data communications as well as a colour printer and fax machine. There is also a Lap Top Computer. All new 04/04.

As with all other areas on the vessel, this office area is individually air conditioned.



BAR

Lower Deck - Aft Accommodations, Engine Room

Accessed via the curved stairway at the Bar area of the main deck, the aft lower deck area consists of a central cream carpeted foyer area that has a linen press and secured electrical distribution board, and features high quality wall linings.

Aft of the foyer are two Staterooms that are virtually mirror image. Featuring timber wall paneling, plush carpets and luxuriously covered Queen Size beds, both these cabins feature en-suite bathrooms with heads and showers, vanity units and mirrors.

The cabins are also both equipped with 20" LCD Televisions and DVD players as well as individually controlled air conditioning.

There are wardrobes and bed side drawers to accommodate guest effects.

Forward of the foyer area is the Engine Room. This area is detailed previously in this document.



AFT STATEROOM

Lower Deck – Forward accommodations, Crew area.

This area is accessed via the curved staircase down from the forward end of the Main deck saloon.

Again, a foyer is found at the base of the stairs that leads off to 3 separate cabin areas and also adjoins a large bathroom with head, shower and vanity.

Aft of the foyer are two guest cabins. The cabin to port consists of 3 single bunks, bedside table and new robe/drawer storage locker.

The cabin to starboard has 2 single beds, also with bedside table and new robe/storage locker.

Both cabins feature 15” LCD Televisions and Sony Playstation II’s which are DVD capable. Both cabins are also air- conditioned.

Forward of the foyer is the Crew accommodation and laundry area.

There are 2 single bunks to port and built in storage cupboards and drawers to starboard.

The forward end has built in clothes washer and dryer.

This cabin is also air conditioned and exhaust fan ventilated. It too features a 15”LCD Television and Sony Playstation II.

Foredeck

The foredeck is accessed via a weather tight door to starboard of the main deck dining area.

The decks are freshly painted non-slip and extend forward to the bow and return part way along port side where there are provisions for storage of ropes and fenders.

The foredeck features a large cushioned lounge and of course the ground tackle equipment, described previously.

A watertight deck hatch gives access to the chain locker

The foredeck area is fully illuminated at night with ample brow lights.

Upper Deck – Wheelhouse, Sky Lounge, Exterior areas

Accessed via the stairway to port, forward of the Galley on the main deck is the large sky lounge and navigation centre. Forward is the helm with all navigation aids and controls (see separate list).

Immediately aft of the helm area is the newly created skylounge. Extended by 1 metre and given large new glass doors and windows aft, this area creates another “lounge” area with direct access to the upper deck facilities and superb 360 degree views.

All new carpet, wall linings and deck heads complement the custom “L” shaped sofa to starboard that will pull out to create a double bed. There is another custom sofa to port. There is also a raised observation lounge for those guests wishing to keep track of the vessel’s progress.

In the aft port corner of the skylounge, another entertainment system contains all new TV, DVD, VCR, CD Stacker, Tuner/ Receiver and Sony Playstation II. As with the saloon entertainment centre, this system can provide music to the outdoor upper deck areas while still allowing for use of its other features inside the skylounge. Again this entire area is air conditioned.

Starboard of the helm area is a sliding door giving access to the full walk around Portuguese deck. An external plug receptacle for the remote control permits docking from any position.

At the rear of the skylounge, large sliding glass doors open out to a huge outdoor area, the majority of which has laid teak decks.

Immediately to port and starboard are 2 built in cabinets custom made with Corian bench tops, sink, hot/cold water, Ice maker, Bar fridge and storage for glassware etc. This area is covered by a new awning covered with Sunbrella fabric.

Aft of this service area is a new custom fitted 9 person heated Spa. A built in lounge on the forward edge is cushioned and again covered in Sunbrella fabric, as is the removable spa lid which, when in place provides a huge padded sunbed

Aft of the spa is the Tender storage area, serviced by a custom made, fully hydraulic crane mounted to port. This is remote controlled and has sufficient length to operate from the aft swim platform.

The tender is a Gemini 5.05 Metre RIB with 90HP Yamaha outboard. The options fitted to vessel tender are extensive.

The cradles that support the tender when stowed are fully removable allowing the area to be utilized as further sun baking space using the vessels deck lounges.

Fuel for tenders and gas bottles for the BBQ are located in a built in locker at aft end of spa, created in accordance with survey requirements.

The entire outdoor area of the upper deck can be bathed in light from the 500Watt mast mounted flood light or the 2 x100watt 24 volt flood lights mounted on the awning. There are also ample foot and courtesy light throughout to provide either ambience or a safe working environment for crew.

Starboard of the Spa, leading down to the aft deck is a new set of wide, teak soled stairs.



SKYLounge

Commercial Survey

The vessel is in Queensland Transport class 2B survey with a 200 Nautical Mile limit.

This vessel is new to the International market and is presented in excellent condition.

Suitable for the Charter tourist industry for both day and overnight trips, or also for the fastidious private Motor Yacht purchaser.

PHOTO GALLERY







