



Vessel Characteristics

Length, Overall:	207 ft	63.1 m
Beam:	53 ft	16.2 m
Depth:	19 ft	5.8 m
Maximum Draft:	16.2 ft	4.9 m
Light Draft:	7.8 ft	2.4 m
Minimum Height:	61.8 ft	18.8 m
Freeboard:	2.8 ft	0.8 m
Displacement:	3,540 lt	3,590 mt
Deadweight:	2,160 lt	2,200 mt
Clear Deck Space:	130 x 44 ft	40 x 13 m
Clear Deck Area:	5,710 ft <sup>2</sup>	530 m <sup>2</sup>
Deck Strength:	1,020 lb/ft <sup>2</sup>	5 t/m <sup>2</sup>
Class Notations:	ABS: +A1, +AMS, DPS-1	

**TIDEWATER<sup>®</sup>**  
**LOUSTEAU TIDE**

**BOLLINGER 207' PLATFORM SUPPLY VESSEL**

# TIDEWATER® LOUSTEAU TIDE

## Capacities

Deck Cargo:	1,400 lt	1,420 t
Fuel Oil:	267,000 gal	1,010 m <sup>3</sup>
Potable Water:	44,500 gal	170 m <sup>3</sup>
Fresh Water:	279,000 gal	1,060 m <sup>3</sup>
Drill/Ballast Water:	26,200 gal	99.1 m <sup>3</sup>
Bulk Tanks (5 tanks):	6,000 ft <sup>3</sup>	170 m <sup>3</sup>

## Machinery

Main Engines (2):	CAT 3516B HD DITA		
Total HP:	4,750		
Z-Drives:	Yes		
Propellers (2):	Rolls Royce US 205 1771KW FPP		
Kort Nozzles:	2		
Primary Generators (3):	190 kw	480 v	60 hz
Driven by:	CAT 3306		
Emergency Generators (1):	100 kw	480 v	60 hz
Driven by:	CAT 3304		
Bow Thruster (1):	Azimuthing Swing-Down/Tunnel		
Driven by:	CAT 3508 B 1050 HP		
Total Thrust:	13.1 st	11.9 mt	

## Deck Equip.

Anchors (2):	4000 lbs Navy Stockless
Anchor Chain:	270 m of 38 mm chain per side
Tugger (1):	10 t COASTAL MARINE, HYDRAULIC

## Accommodations

Nº of Berths:	32
1-man cabins:	2
2-man cabins:	7
4-man cabins:	1
6-man cabins:	2
Certified to Carry:	32

## Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	16.6 m <sup>3</sup> /day (180 gph) @ 12 knots	
Cruising:	12.4 m <sup>3</sup> /day (140 gph) @ 10 knots	
Economical:	10 m <sup>3</sup> /day (110 gph) @ 8 knots	
Standby:	1.4 m <sup>3</sup> /day (15.4 gph) @ 0 knots	
Range @ 10 Knots:	7,830 nm	
<i>Transfer Rates</i>		
Fuel Oil:	500 gpm @ 350 ft	110 m <sup>3</sup> /h @ 100 m
Fresh Water:	600 gpm @ 250 ft	140 m <sup>3</sup> /h @ 77 m
Drill/Ballast Water:	600 gpm @ 250 ft	140 m <sup>3</sup> /h @ 77 m
Bulk:	20 cfm @ 230 ft	34 m <sup>3</sup> /h @ 70 m

## Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	2
Doppler Log:	1
Radio:	3 x VHF; 1 x SSB

## Special Equip.

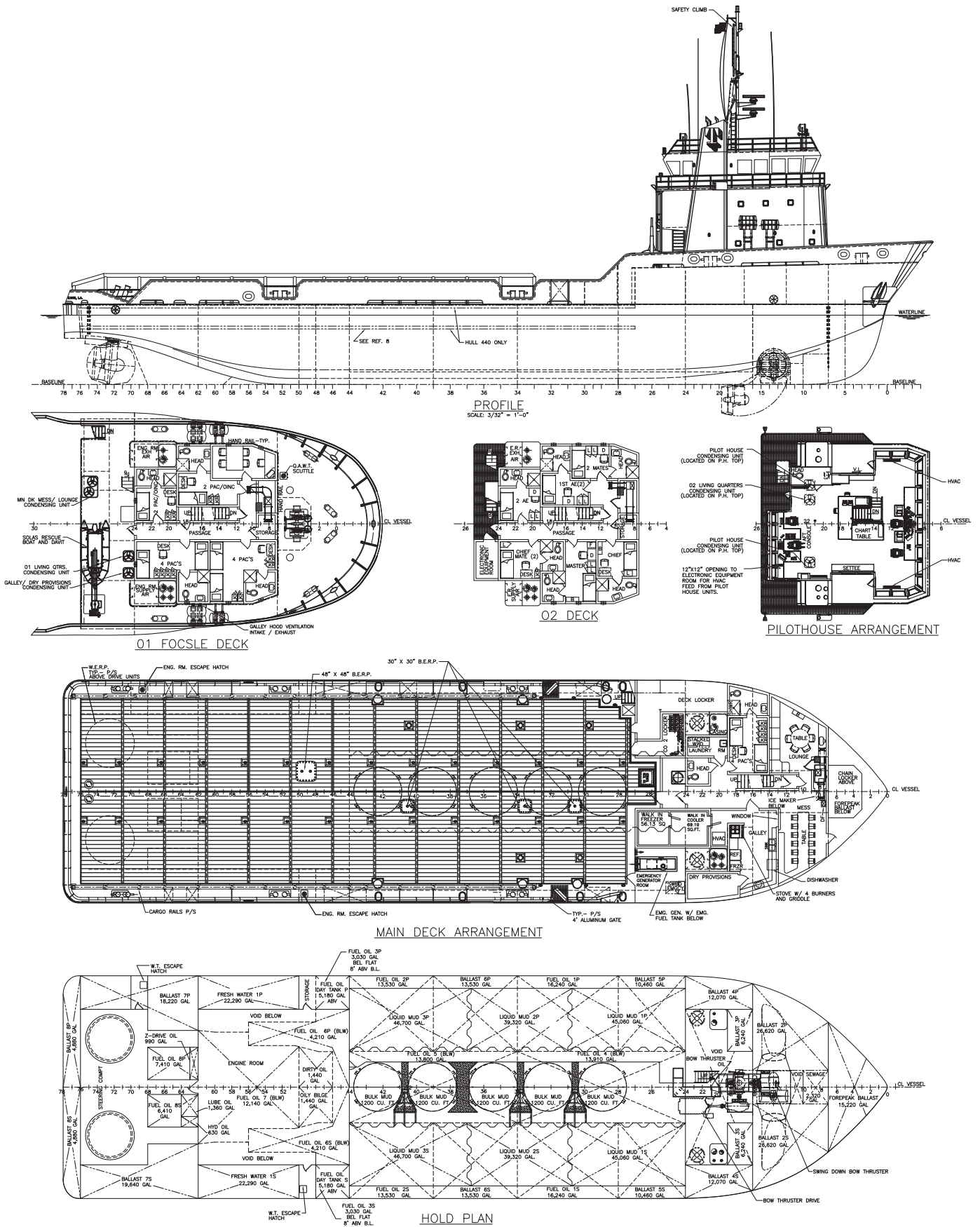
Dynamic Positioning:	DP-1 CLASSED
Ref. Systems:	1 x MRU; 2 x DGPS 1 x Laser-based
Tank Cleaning:	Yes
Rescue Boat:	Yes
Fuel Monitoring:	CMG
Reefer Sockets:	2 x 440V 15A, 2 x 220V 30A

## Registration

Flag:	MEXICO
IMO Nº:	9273428
Year Built:	2003
Builder:	BOLLINGER
Call Sign:	XCEA6
Tonnage (ITC):	1624 GT      511 NT

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.

## General Arrangement



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## DP Capability Plot LOUSTEAU TIDE

Case number : 1  
Case description : All thrusters in  
Thrusters active : T1-T3  
Rudders active :

Input file reference : StatCap\_Bourgeois\_Tide.scp  
Last modified : 2003-12-02 10.52 (v. 1.5.0)

Length overall : 63.1 m  
Length between perpendiculars : 59.6 m  
Breadth : 16.1 m  
Draught : 4.5 m  
Displacement : 3300.0 t (Cb = 0.74)  
Longitudinal radius of inertia : 14.9 m (= 0.25 \* Lpp)  
Pos. of origin ahead of Lpp/2 (Xo) : 0.0 m  
Wind load coefficients : Calculated (Blendermann)  
Current load coefficients : Calculated (Strip-theory)  
Wave-drift load coefficients : Database (Scaled by Breadth/Length)

Tidal current direction offset : 0.0 deg  
Wave direction offset : 0.0 deg  
Wave spectrum type : JONSWAP (gamma = 3.30)  
Wind spectrum type : NPD  
Current - wave-drift interaction : OFF  
Load dynamics allowance : 1.0 \* STD of thrust demand  
Additional surge force : 0.0 tf  
Additional sway force : 0.0 tf  
Additional yawing moment : 0.0 tf.m  
Additional force direction : Fixed  
Density of salt water : 1026.0 kg/m³  
Density of air : 1.23 kg/m³

Power limitations : OFF

#	Thruster	X [m]	Y [m]	F+ [tf]	F- [tf]	Max [%]	Pe [kW]	Rudder
1	AZIMUTH	17.4	0.0	9.8	-9.8	100	780	
2	AZIMUTH	-28.0	3.5	27.0	0.0	100	1400	
3	AZIMUTH	-28.0	-3.5	27.0	0.0	100	1400	

Limiting 1 minute mean wind speed in knots  
at 10 m above sea level

ERN (98, 88, 0).  
ERN are subject to DNV approval

