

TECHNICAL SPECIFICATION

Bourbon Tampen

Platform Supply Vessel

UT 745 E



Revision: 15.02.2006

IMO no: 9276896

DNV id no: 23717

MMSI: 258252000

Call Sign: LLZA

MAIN DESCRIPTION

Type:	UT 745 E
Classification:	DnV + 1A1, SF LFL* COMF-V(3)C(3), E0 DYNPOS-AUTR, CLEAN DK(+) HL(2.5)
Yard:	Kleven Verft AS
Yard built no:	295
Place built:	Ulsteinvik
Country built:	Norway
Delivered:	2002
Flag:	NOR
Port of registry:	Fosnavåg
Owner:	Bourbon Ships AS

MEASUREMENT

Lenght oa:	88.60 m
Lenght bpp:	78,80 m
Breath moulded:	18.80 m
Depth moulded:	7.60 m
Draught max:	6,20 m at 4350 tns
Gross tonnage GT:	3325 t
Corresponding DWT:	3500 t
Net tonnage NT:	1366 t
ISM-Responsible:	Bourbon Offshore Norway AS

CARGO CAPACITY

Deck cargo:	2800 t
Deck area:	990 m ² , with cargo barrier fwd.
Deck strength:	10,0 t/m ²
Fuel (gasoil):	1337 m ³
Liquid Mud:	600 m ³
Brine:	400 m ³
Drillwater/Ballast:	862 m ³
Base Oil:	294 m ³
Dry Bulk:	400 m ³
Fresh Water:	734 m ³
Methanol:	160 m ³
Slop:	313 m ³

DISCHARGE RATES

Loading/Discharge station:	Each sides 4-5" weco connection
Fuel discharge rate:	2 x 250 m ³ /hour, 9 bar, Hydr.driven
Mud discharge rate:	4 x 100 m ³ /hour, 24 bar, Hydr.driven
Brine discharge rate:	2 x 100 m ³ /hour, 24 bar, Hydr.driven
Drillwater discharge rate:	2 x 250 m ³ /hour, 9 bar, Hydr.driven
Dry Bulk discharge rate:	2 x 23 m ³ /min, 5,6 bar
Base Oil discharge rate:	2 x 150 m ³ /hour, 15 bar, Hydr.driven
Fresh Water discharge rate:	2 x 250 m ³ /hour, 9,0 bar, Hydr.driven
Methanol discharge rate:	2 x 100 m ³ /hour, 9 bar, Hydr.driven
Slop discharge rate:	2 x 150 m ³ /hour, 9 bar, Hydr.driven

MACHINERY / PROPULSION

Main Engine set 1:	2 x Caterpillar 3516 TA 1825 kW-1800RPM	Bow Thruster 1:	1 x RRM 250 TV- SS 1200 RPM, 883 kW
Main Engine set 2:	2 x Caterpillar 3516 TA 1825 kW-1800RPM	Compass Thruster Forward:	R&R, TCNS 73/50-180, 304 rpm 883 kW
Propulsion Aft:	2 x Rolls & Royce Azipull Thrusters 2500 kW	Main Generators set 1:	2 x ABB, Merlin Gerin NW-25 HA, 2281 KVA
Total BHP:	9928 BHP	Main Generators set 2:	2 x ABB, Merlin Gerin NW-25 HA, 2281 KVA
Total Kw:	7300 kW	Emergency Generator:	1 x Caterpillar 3408 TA ,385 kW
		Shore Connection:	440 V- 200A

PERFORMANCE / CONSUMPTION

Max Speed/Consumption:	16,3/knots / 33m ³
Service Speed/Consumption:	14,5 knots /26m ³
Economical Speed/Consumption:	12,0 knots /10m ³
Speed only Azimuth:	5,0 knots /5m ³
Standby Mode:	N/A
Port Consumption:	1,5m ³

ACCOMODATION

Cabins/Beds:	12 singel / 2 double
Crew/Passengers:	16 persons + 1 in hospital
Mess/Dayroom:	one messroom and two day room
Cool store/Freezer:	4,6m ² / 3,8m ³
Dry Provision:	12,8m ³

DECK EQUIPMENT

Tugger winch:	2 x Brattvåg, LAKM 41,012
Crane 1:	1 x Egersund Mek. V. Type EMV 10000/2-2-10
Capacity 1:	10 t/ 12 m
Crane 2:	1 x Hydralift type KMVC 1301-3-16(11)
Capacity 2:	2 t / 8 m
Anchors conventional:	2 x stockless Bower Anchore 2X3060 kg
Chain cables conventional:	Chain cables 520,6 m
Windlass:	1 x Brattvaag BFMG63.044
Capstans:	2 x Brattvaag CM4110

RESCUE EQUIPMENT

Hospital:	18,2 m ³	Radar transponders:	2 x Jotron Tron SART
Reception:	23 m ² at M deck	Emergency Beacon:	1 x Jotron Tron 40S
Fire Fighting equipment:	Co ²	GMDSS VHF's:	3 x Jotron Tron TR 20 VHF
MOB Boats:	1 x Norsafe,MIDGET,MK2,5,0 , 6 persons	Survival Suits:	28 stk,Helly-Hansen MK-90
Heave compensated davits:	Yes	Life Jackets:	26 stk + 2 children
Rescue Regulation:	NMD	Life rafts:	4 stk x 16 pers viking

NAVIGATION AND COMMUNICATION EQUIPMENT

Radar 3 cm:	1 x Furuno FR-2115 X-band ARPA	GMDSS Sea Area:	A3
Radar 10 cm:	1 x Furuno FAR-2835 S-band ARPA	MF/HF Radio:	1 x Furuno FS-1562-25
Radar slave:	1 x Furuno	DSC Receiver:	2 x Sailor RT 4822
Gyro:	3 x Anschuts Standar 20 compact gyrocompass	VHF 1:	1 x VHF/DSC Duplex, type Sailor 1100/4722
Autopilot:	1 x Anschuts Pilotstar D	VHF 2:	1 x VHF/DSC Simplex, type Sailor 1000/4822
Chart Plotter:	1 x Furuno Telechart T-2025, slave aft.	VHF 3:	1 x VHF/DSC Simplex, type Furuno FM 2721
Navtex:	1 x Furuno NX-500	UHF:	2 x Motorola GM 360, bridge and ECR
Joystick:	1 x Alstom	Portable VHF:	3 x Motorola GP 900
AIS:	1 x Furuno FA-100 interfaced to electronic charts	Portable UHF:	4 x Motorola type MTS 2000
SSAS:	N/A	Mobile Telephone 1:	2 x Nokia PremiCell with fax connection
Echo Sounder:	1 x Furuno FCV-700	Mobile Telephone 2:	1 x Nokia Benefon 450 15 watt.
Speed log:	1 x Furuno DS-80	Mobile Telephone 3:	1 x Sarian EDGE Router
Satellite Navigator (GPS):	1 x Furuno GP-80, 12 channel	Iridium:	N/A
DP:	2 x Ahlstom AUTR	Sat C 1:	1 x Furuno Felcom 12
DP Reference 1:	2 x Seatex DPS 102, spotbeam & inmarsat	Sat C 2:	N/A
DP Reference 2:	1 x Cyscan	Fleet 77:	Thrane & Thrane Fleet 77
DP Reference 3:	N/A	Intercom System:	Yes
DP Reference 4:	N/A		
Wind Sensors:	2 x young wind tracker		