

TECHNICAL SPECIFICATION

Bourbon Crown

Anchor Handling-Tug-Supply-Vessel

UT 722L



Revision: 16.03.2008

IMO no: 9236963

DNV id no: 22879

MMSI: 258164000

Call Sign: LMLY

MAIN DESCRIPTION

Type:	UT 722L
Classification:	DnV + 1A1, Tug Supply Vessel, SF E0 OILREC DYNPOS-AUTR, ICE-C, Unlimited trade
Yard:	Langsten Slip & Båtbyggeri AS
Yard built no:	185
Place built:	Tomrefjord
Country built:	Norway
Delivered:	2001
Flag:	NOR
Port of registry:	Fosnavåg
Owner:	Bourbon Ships AS

MEASUREMENT

Lenght oa:	80.00 m
Lenght bpp:	69,30 m
Breath moulded:	18.00 m
Depth moulded:	8.00 m
Draught max:	6,60 m
Gross tonnage GT:	3154 t
Corresponding DWT:	2851 t
Net tonnage NT:	1221 t
ISM-Responsible:	Bourbon Offshore Norway AS

CARGO CAPACITY

Deck cargo:	900 t
Deck area:	570 m ²
Deck strength:	5,0 t/m ² - 10,0 t/m ²
Fuel (gasoil):	1150 m ³
Liquid Mud:	430 m ³ , (2,5 S.G)
Brine:	540 m ³ , (2,0 S.G)
Drillwater/Ballast:	1100 m ³
Dry Bulk:	284 m ³
Fresh Water:	500 m ³
Oil Recovery:	1150 m ³

DISCHARGE RATES

Loading/Discharge station:	2 each side. 6" - 4".Weco connection/reducer
Fuel discharge rate:	250 m ³ /hour, 9 bar
Mud discharge rate:	2x75 m ³ /hour, 9 bar
Brine discharge rate:	2x75 m ³ /hour, 9 bar
Drillwater discharge rate:	250 m ³ /hour, 9 bar
Dry Bulk discharge rate:	100 t/hour
Fresh Water discharge rate:	250 m ³ /hour, 9 bar

MACHINERY / PROPULSION

Main Engine set 1:	2 x Ulstein Bergen BRM 8 2 x 3535 kW	Stern Thruster 1:	1 x 883 kW. 1200 BHP
Main Engine set 2:	2 x Ulstein Bergen BRM 6 2 x 2650 kW	Auxiliary Engine set 1:	1 x caterpillar 3 512, 1070 kW / 1340 kVA
Propulsion Aft:	2 x 3900mm.dia in nozzle.	Auxiliary Engine set 2:	1 x caterpillar 3 408, 350 kW / 350 kVA
Rudders:	2 x Ulstein Highlift.	Main Generators set 1:	1 x AVK. DSG, 2800 kVA
Total BHP:	16800 BHP	Main Generators set 2:	1 x AVK. DSG, 2800 kVA
Total Kw:	12370 kW	Emergency Generator:	1 x Caterpillar 3 304, 70 kW / 90 kVA
Bow Thruster 1:	1 x 883 kW. 1200 BHP	Shore Connection:	440V - 3Phase - 250A
Compass Thruster Forward:	1 x 883 kW. 1200 BHP		

PERFORMANCE / CONSUMPTION

Bollard Pull max:	201 tons
Bollard Pull continued:	197 tons
Max Speed/Consumption:	17,0 kn, 63 m ³
Service Speed/Consumption:	14,6 kn, 34 m ³
Economical Speed/Consumption:	12 knots / 24 m ³
Standby Mode:	15 m ³
Port Consumption:	1,0 m ³

ACCOMODATION

Cabins/Beds:	11 single / 8 double / 2 x 4 beds.
Crew/Passengers:	35 persons
Mess/Dayroom:	90 m ²
Cool store/Freezer:	8,0 m ²
Dry Provision:	10 m ²

DECK / AHL EQUIPMENT

Tugger winch:	Brattvåg AM2220U 20 tonns 1st. Layer	Shark Jaws:	2 x 750 SWL ,Karmøy
Crane 1:	1 x Abas, 1 x Hydramarine	Towing Wire:	1400mtr x 77mm
Capacity 1:	5t/max 14m, 15t/max 13m	Spare Tow Wire:	1300mtr x 76mm
Crane 2:	1 x PALFINGER MARINE PK24000ME S2, 5S	Work Wire A/H:	2300mtr x 83mm
Capacity 2:	0,9t/max 16,8m	Spare Work Wire:	N/A
Anchors conventional:	2 x Stock Anchors type Spek-short shank 2990kg	Tugger Wire:	150m x 24mm
Chain cables conventional:	17 lenghts of 27,5m on each locker	Cargo Wire:	N/A
Windlass:	1x Hydr. comb.windlass/moring, type. B842/W6315	Wildcat Wire:	30m x 16mm
Capstans:	2 x Brattvåg CM6315 15 tonns	Capstan Wire:	60m x 19mm
Anker Handling/Tow Winch:	2 x 500 tons, Rolls Royce Brattvåg,	Forerunner tow winch:	100m x 77mm
Secondary Winches:	2x138t, 2x7000m/76mm wire, 1600m 8" syntetic rope	Forerunner work winch:	100m x 77mm
Rig Chain Gipsies:	2 x 76mm / 2 x 84mm / 2 x 95mm / 2 x 105mm	Forerunner Sec Winches:	150m x 64mm
Chain Lockers:	545 m ³	Grapnels for Chain:	1 x 120 t SWL
Towing pins:	2 x 240 tons Karmøy	Forged J Chaser:	1 x 150 t SWL
Pop Up Pins:	2 x SWL 95 t	CR-D Connectors:	N/A
Stern Roller:	1 x 3,5 x 6,0 m	Smith Brackets:	SWL 500 tons

RESCUE EQUIPMENT

Rescue class:	NMD	Radar transponders:	2 x Jotron Tron SART
Hospital:	20,7 m ² incl. Toilet	Emergency Beacon:	1 x Jotron Tron 40S
Fire Fighting equipment:	N/A	GMDSS VHF's:	3 x Simrad SRH 50
MOB Boats:	MP-800 Springer	Survival Suits:	35 persons
Rescue Regulation:	NMD	Life Jackets:	35 persons
		Life rafts:	4 x 20 / 2 x 16 persons (RFD)

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:	Furuno FS-5000 400W, Furuno FS 1562-15 150
Radar slave:	1 x Furuno FR-1510 Mk3 in overh. Consol aft.	Radio Telex:	1 x Furuno NBDP terminal model DP-6
Direction Finder:	1 x Taiyo TD-L 1550	DSC Receiver:	1 x Furuno DSC-60. Class A
Gyro:	2 x Anschuts Standar 20 compact gyrocompass	Helicopter comm:	1 x Icom IC-A 200 VHF AM
Autopilot:	1 x Anschuts Pilotstar D .	Helibeacon:	1 x Skanti TU-8250B
Chart Plotter:	1 x Furuno Telechart T-2025, slave aft.	VHF 1:	1 x Furuno FM 8700 DSC
Navtex:	1 x Furuno NX-500	VHF 2:	1 x Furuno FM 8700 DSC
Joystick:	1 x Poscon	VHF 3:	1 x Furuno FM 8700 DSC
AIS:	1 x Furuno FA-100 interfaced to electronic charts	UHF:	1 x Motorola GM 350
VDR:	1 x Furuno S-VDR, Model VR-3000S	Portable VHF:	2 x Motorola GP 900
Echo Sounder:	1 x Furuno FCV-700	Portable UHF:	3 x Motorola GP 900 / 2 x GP 340
Speed log:	1 x Furuno DS-70	Mobile Telephone:	1 x PhoncCell GSM, phone / fax. 8 watt
Satellite Navigator (GPS):	1 x Furuno DGPS-80, 12 channel	Sat C 1:	1 x Furuno Felcom 12
DP:	1 x Dynpos AUTR, ABB. (DP II)	Sat B:	1 x Nera Saturn BM, voice/telefax
DP Reference 1:	1 x DPS 200	Vsat Data/Phone link:	128kb up/down-stream, 2 x voice
DP Reference 2:	1 x MDL Fanbeam	Intercom System:	Vingtor
DP Reference 3:	1 x and Sonardyne USBL HPR		
DP Reference 4:	1 x Furuno DGP-80 may be used		
Wind Sensors:	2 x Nautic Systems model 04106		