

Main Dimensions

Length over all	58,70m
Breadth /Depth / Draft	14.60m / 5.50m / 4.50m
GRT / NRT	1470T / 441T
Draft (Max)	4.76m
Speed (Max)/ Consumption	12.5 knots / 16m ³ (24 hrs)
Service Speed / Consumption	10 knots / 13.5m ³ (24 hrs)
Economical Speed / Consumption	9 knots / 12m ³ (24 hrs)

Pumps

Fuel Oil	1 x 150m ³ /hr @ 75m head; Azcue
Fresh Water	1 x 100m ³ / hr @ 75m head; Azcue
SWB / Drill Water	1 x 100m ³ / hr @ 75m head; Azcue
Liquid Mud	2x70 m ³ / hr @85m head; Mission Magnum Circulation Sysytem, plus tank agitation system
Bulk Cement	2x 13m ³ / min @80 psi air compressors; Airman system fitted with dryers

Fire Fighting & Anti-Pollution Equipment

EXTERNAL / FiFi System	Class 1 with water curtain all round
Fire Pump	2x 1550m ³ /hr @13bar, Unitor SFP250x350 drive by front PTO of M/E
Monitors / (water/foam)	1x 300-1200m ³ /hr, Unitor FFSi200-300
Water	1x 1200m ³ /hr, Unitor FFS1200LP Throw length / height: 120m / 45m
Oil Dispersant System	300m Heavy Duty Oil Spill Booms
Safety and Environment / Liferafts	6x 25 men SOLAS approved type
Rescue Boat	1x 9 man FRC
Drill Water	305m³
Fresh Water	228m ³
Fuel Oil	433m ³ @ 90%
Sewage	130m ³ @ 90%
Liquid Mud	233m ³ @ 90%
Dry Bulk	168m ³ @ 90%
Freezer / Chiller	10m ³ /10 m ³

Radio and Navigation Equipment

GMDSS	Furuno RC-1800T(Area 3)comprising: SSB: 1x Furuno FS-2570 with built in DSC Inmarsat C: Furuno Felcome 15& Felcom 15& Felcom 15SSAS VHF Radio: 2x Furuno FM 8800 with built-in DSC
Navtex Receiver:	1x Furuno NX 700 (518 KHz) SART: 2X
McMurdo S4 (9 GHz)	
EPIRB: 1x McMurdo E3A	
Portable VHF Radios:	3x Entel (CLB 750G)
Radar	1 Furuno FR 2115 (X Band) / 1 Furuno FR 1510 MK3
GPS	1x Furuno GP - 90
Gyrocompass	1 x Anschuetz Standard 22
Autopilot	1x Anshuetz Nautopilot NP 60
Magnetic Compass	1x Cassens & Plath Reflecta 3
Weather Fax	1x Furuno FAX 207
Speed Log	1x Furuno DS-80
AIS	1x Furuno FA-100
DP	Marine Technology Bridge Mate DP1 2x DGPS Verpos LD2S
Wind Indicator	1x RM Young 05103
Joystick	C-Joy SJSO 1 Konsberg Vessel also fitted with Vingtor Talkback System & Self-powered Telephones

Propulsion System

Main Engines :	2x 1920kw(2575 bhp)@1600rpm Caterpillar 3516B
Main Generators :	3x340kw@ 1500rpm Caterpillar 340B c/w Leroy
Somer LSAM47.1L9 rated at 320 kw/415V/3 Ph/50 Hz	
Emergency Generator :	1x 52kw @ 1800 rpm Caterpillar GEP 65-3 reted at 415V / 3Ph/50Hz
Deck Equipment	
Anchor Windlass -	1x electro-hydraulic Mentrade HAW-10T
Bow Anchors -	2x 1305 kg HHP anchors
Capstans -	2x 5 mt @ 15m/min electro-hydraulic Mentrade HVC-5T
Tugger Winch -	2x 10mt @ 15m/min electro-hydraulic; Mentrade HUW-10T Drum Capacity: 200(L) x 22m (ø) SWR
Deck Crane -	1x 5T
Towing/AHT Winch -	1x electro-hydraulic double drum Mentrade AHTW-150T
Uper Drum Cap (Tow) -	1000m (L) x 56mm ø SWT
Lower Drum Cap (AH) -	1000m (L) x 56mm (ø) SWR
Line Pull -	150mt @ 6m/min at 1st layer / 71mt @ 12m/min at 1st layer 50mt @ 18m/min at 1st layer / 23mt @ 36m/min at 1st layer
Shark Jaws -	1 set electro-hydraulic Kamfork; SWL 300mt
Tow Pins -	2x electro-hydraulic with turntable top flaps
Rope Reel -	1x electro - hydraulic Mentrade HSR-5TDrum Capacity: 1000mm (L)x56(ø)SWR
Reefer Points -	6 x 4pin x 40A



GENERAL

Name of Vessel	ILK Rysgal
Port of Registry / Flag	Turkmenbashi / Turkmenistan
Year of Delivery	2006
Bollard Pull	64 T
Type	5150 Anchor Handling/ Supply Vessel (DPS1)
Classification	BV
Deck Cargo	550 mt
Deck Strength	7.0 mt / m ² uniform loading
Clear Deck Area	360 m ²
Accommodation	
All cabins are fully air-conditioned & c/w attached washroom	
total berth 42	



ILK CONSTRUCTION

Head Office in Turkey

Yenisehir District Bayraktar Bulv.
Street No:2 34779 Atasehir
Istanbul
Tel : +90 (216) 455 55 44
Fax : +90 (216) 455 55 88

Turkmenistan

43 Shors Street

Ashgabat

Tel : +993 (12) 32 93 77 – 78
Fax : +993 (12) 32 03 17

Azerbaijan

100/C Nizami Street Nesimi Region

Baku

Tel/Fax : +994 (12) 404 81 67 – 68

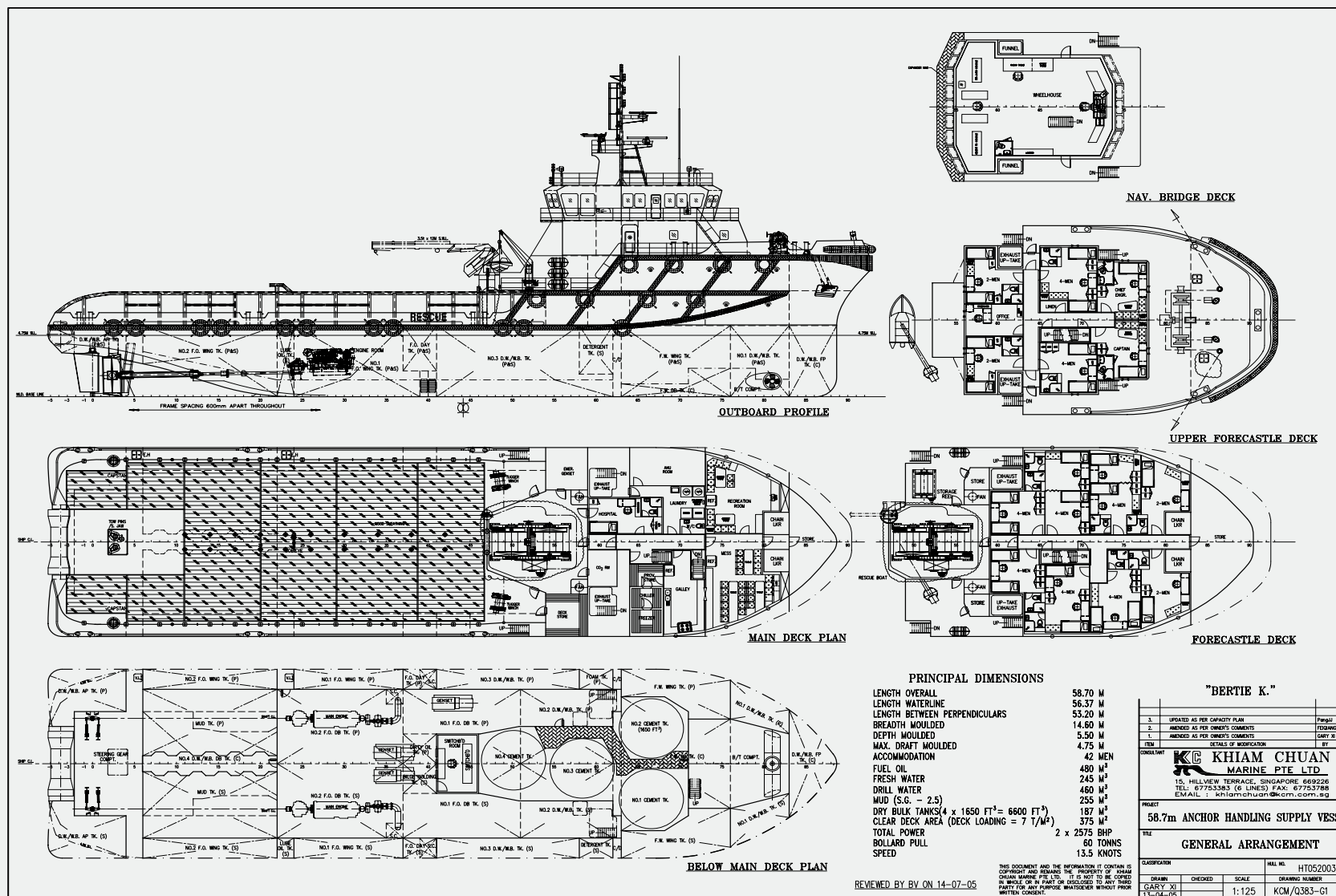
U.A.E.

Lotus Plaza, 4B Street, Al Quoz

Dubai

Tel : +971 4 3806666
Fax : +971 4 3466668

General Arrangement



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www.ilkconstruction.com

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info@ilkconstruction.com