

## ITC CYCLONE

**136 TONS B.P.**  
**ANCHOR HANDLING TUG**  
**SUPPLY VESSEL DP-2 / FIFI-1**



VESSEL INFORMATION		PROPULSION SYSTEM	
Ownership	ITC Offshore BV	Main Engines	2 x MAK, 32-C, max output 5440 BHP each; Total = 10880 BHP
Flag/Registry	Malta, Valetta.	Main Generators	2 x 2000 Kw Shaft Driven
Builder	Zhenjiang Shipyard, China	Harbour Generators	2 x 580 Kw Caterpillar engines 3412
Year built	2008	Emergency Generator	1 x 95 Kw Caterpillar
Call sign	9HA4585	Bow Thrusters	2 x 800 BHP, 9.5 tons each, Kawasaki CPP
IMO number	9433767	Stern Thrusters	2 x 800 BHP, 9.5 tons each, Kawasaki CPP
Class	Bureau Veritas	Propulsion System	2 x CPP propellers in nozzles, Berg Propulsion
Notation	+Hull +Mach Tug; Fire fighting ship 1 / Anchor Handling Vessel / Unrestricted navigation + Dynapos AM/AT R (DP2 Fifi1)		
PRINCIPAL PARTICULARS		PERFORMANCE	
Length Overall	70.70 m (approx)	Max Speed	14 Knots @ 33 mt MDO / 24 hrs
Length BPP	63.00 m	Economic Speed	10 Knots @ 18 mt MDO / 24 hrs
Breadth Moulded	16.00 m	Cons. in Port	2.0 mt MDO / 24 hrs
Depth Moulded	7.20 m	Cons. Standby at Sea	5.0 mt MDO / 24 hrs
Summer Draft	6.20 m (excl. 0.80 m skeg at stern)	Type of Fuel	Marine Gas Oil
Airdraft (at 6,2m draft)	29.10 m	Static Bollard Pull	136 tons BP
Gross	2549 tons		
Nett	764 tons		
Deadweight	2246 tons		
Deck area	450 m2 free deck (36.5 mx12.7 m)		
DP SYSTEM		ACCOMMODATION	
Kongsberg K-pos DP2-1 system; 1 x Cyscan, 1 x RADIUS 1000, 2 x DGPS, 3 x gyro		Standard Crew	15 crewmembers incl. Master
		Extra Personnel	up to 20 persons in 2 or 4 berth cabins, of which max 12 passengers
		Hospital	1 x 1 berth cabin
CARGO CAPACITIES		DECK EQUIPMENT	
Deck Cargo	max. 800 tons	Anchor Windlass	13 mt @ 11 m/min
Deck Strength	5.5 t/m2 uniform loading	Bow Anchors	2 x 2100 kg
Fuel Oil	850 m3 MDO / MGO	Chain Cable	2 x 440 m x 42 mm
Fresh Water	655 m3	Capstan	2 x 10t electro-hydraulic
Drill Water	670 m3	Tugger Winch	2 x electro-hydraulic 10 tons 0-30 m/min
Mud Tanks	485 m3	Deck Crane	1 x hydraulic crane, SWL 5 T @ 17m outreach
Bulk Cement	4 x tanks, total 280 m3, 5.6 bar pressure		
Rig Chain Locker	2 x 100 m3 (1000 m of 3" chain each)		
Dispersant	12 m3		
PUMPS		TOWING/ANCHOR HANDLING EQUIPMENT	
Fuel Oil	2 x 150 m3/hr @ 80 m head (8 bar)	Towing/AH Winch	double drum Brattvaag winch Waterfall Type, electro hydraulic, SL300W
Fresh Water	1 x 150 m3/hr @ 80 m head (8 bar)	Tow Drums	2 x max pull 300 t and 450 t static brake
Mud	2 x 100 m3/hr @ 50 m head (5 bar)	Capacity each Drum	2000 m x 76 mm diam
Bulk Cement	2 x 40 m3/hr @ 5 bar	Winch Speed	Low gear Hauling: 7-17.0 m/min Payout: 24-60 m/min High gear Hauling: 7-10.6 m/min
FIRE FIGHTING		Wildcats	Winch fitted with 76 mm wildcats for rig chain (2 3/4" and 3 1/4")
FIFI System	Class 1 with water curtain all round	Karm Forks	2 x electro-hydraulic SWL 300 mt Karmoy
Pumps	2 x 1500 m3/hr @ 14 bar	Tow Pins	2 sets diam. 350 mm, T/600 T
Monitors	2 x 1200 m3/hr @ 12 bar	Stern Roller	6.0 m x 2.5 m diam., SWL 450 T
		Wire Reels	2 x pennant wire reels, 6.7 mt pull Capacity 2000 m x 76 mm
MISCELLANEOUS		COMMUNICATION EQUIPMENT	
Water Maker	1 x 12 m3/day	Communication equipment includes full GMDSS Area-3, Portable VHF/UHF min 3 each, V-Sat	
Spray Booms	2 x 7.30 m for 4.5 m3/hr each		

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