

BOULDER

140 TONS B.P.
ANCHOR HANDLING TUG
SUPPLY VESSEL



A company within the
TSCHUDI group



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ANCHOR HANDLING TUG
SUPPLY VESSEL

IMO NUMBER	8516988	GROSS	2.311	TONS
CALLSIGN	P H I Q	NETT	693	TONS
REGISTRY	AMSTERDAM, THE NETHERLANDS	DEADWEIGHT	2.499	TONS
CLASS	DET NORSKE VERITAS	LENGTH O.A.	69.70	MTR
	1A1 TUG/SUPPLY VESSEL SF ICE-C E0	BEAM	15.90	MTR
	OIL REC.	DEPTH	8.00	MTR
BUILT	1988	SUMMERDRAFT	6.90	MTR
		DISPL. MAX	4.949	TONS
		LIGHT WEIGHT	2.450	TONS
		AIR DRAFT	41 M	(AT 6 M DRAFT)
MAIN ENGINES	2 X MAK, 8M35, 4-CYCLE, TRUNK PISTON TYPE, MAX OUTPUT 6.000 BHP EACH			
B.H.P.	12.000 BHP			
BOLLARD PULL	140 TONS CERTIFIED			
PROPELLERS	TWO CP PROPELLERS IN NOZZLES			
BOW THRUSTER	TWO KAMEWA, 600 BHP , 6.5 TONS TRUST EACH			
STERN THRUSTER	ONE KAMEWA, 600 BHP, 6.5 TONS TRUST			
GENERATORS	TWO OF 1.050 KW EACH, AC 660 V, 50 HZ			
HARBOUR GENERATOR	CATERPILLAR ENGINE 3512 DI-TA WITH GENERATOR 500 KW, AC 380 V, 50 HZ			
EMERGENCY GENERATOR	CATERPILLAR 3304 T WITH GENERATOR 80 KW, AC 380 V, 50 HZ			
MAX SPEED / CONS	16 KNOTS AT 36 T/24 HOURS			
ECON. SPEED / CONS	12 KNOTS AT 18 T/24 HOURS			
CONS IN PORT	1.0 T/24 HOURS			
CONS STANDBY AT SEA	4 T/24 HOURS			
FUEL FOR MAIN ENGINES	MARINE DIESEL OIL AND IFO30			
ANCHOR HANDLING / TOWING WINCHES	4 DRUM WINCH WATERFALL TYPE			
	2 TOWING DRUMS: MAX PULL 250 T AND 400 T STATIC BRAKE, CAPACITY OF EACH DRUM 1000 M X 77 MM DIAM.			
	2 ANCHOR HANDLING DRUMS: MAX PULL 250 T AND 400 T STATIC BRAKE, CAPACITY OF EACH DRUM 1200 M X 64 MM DIAM.			
	WINCH SPEED MEASURED ON INNER LAYERS:			
	LOW GEAR: HAULING: 10 M P/MIN, PAY-OUT: 5 M P/MIN			
	HIGH GEAR: HAULING: 22 M P/MIN, PAY-OUT: 11 M P/MIN			
	WINCH FITTED WITH 76 MM WILDCATS FOR RIG CHAIN (2 3/4" AND 3 1/4")			
	2 PENNANT WIRE REELS, CAP. OF 600 M X 90 MM OR 1000 M X 57 MM WIRE EACH			
	2 ELECTRIC CAPSTANS 6 T			
	2 ELECTRIC TUGGER WINCHES 10 T			
	2 RIG CHAIN LOCKERS 110 M3 (1100 M OF 3 INCH CHAIN EACH)			
SHARK JAWS	1 X TRIPLEX, SWL 300 T			
TOWING PINS	1 X TRIPLEX, SWL 200 T AND 1 X HYDRAULIC GUIDE PINS SWL 200T/600T			
STERN ROLLER	1 X 5 M X 2.5 M DIA, SWL 400 T			
DECK EQUIPMENT	1 HYDRAULIC CRANE, SWL 12 T AT 2 M OUTREACH, SWL 2 T AT 15 M OUTREACH			
DECK CARGO	MAX. 1.000 T / 390 M² FREEDECK			
CARGO RAIL HEIGHT	2.0 / 2.5 M			
DECK STRENGTH	10 T/M² - 15 T/M² AFT THIRD OF DECK			



BULK TANK CAPACITIES 6 TANKS TOTAL 577 M³
CEMENT 4 TANKS TOTAL 360 M³
OIL BASED MUD 6 TANKS TOTAL 577 M³
DISCHARGE RATE CEMENT UP TO 60 T/H AT 80 M HEAD (WITH 2 PUMPS)
DISCHARGE RATE MUD UP TO 150 M³/H AT 80 M HEAD (WITH 2 PUMPS)

LIQUID CAPACITIES (TANKS USED FOR DIFFERENT PURPOSES)
BALLAST WATER 1288 M³
POTABLE WATER 325 M³ - 4 TANKS
DRILLWATER 500 M³ - 5 TANKS
BRINE 247 M³ - 2 TANKS
RIG FUEL OIL (DIESEL) 670 M³ - 10 TANKS
HEAVY FUEL OIL 420 M³ - 4 TANKS
DISPERSANT TANK 35 M³
RECOVERED OIL 1045 M³ - 10 TANKS
DISCHARGE RATE WATER UP TO 150 M³/H AT 80 M HEAD
DISCH RATE DRILL WATER UP TO 150 M³/H AT 80 M HEAD
DISCHARGE RATE BRINE UP TO 100 M³/H AT 80 M HEAD
DISCHARGE RATE OIL UP TO 150 M³/H AT 80 M HEAD

DISCHARGE STATIONS EACH SIDE AMIDSHIPS AND AFT UNDER CARGO RAILS
DISCHARGE LINES ALL 5 IN. WITH WECO COUPLINGS

STANDARD CREW 12 CREWMEMBERS INCL MASTER
PASSENGERS 12 - IN DOUBLE CABINS (4) AND IN 4-BERTH CABINS (8)
ACCOMMODATION 24 PERSONS IN TOTAL, ALL CABINS WITH PRIVATE BATH/TOILET
 WELL EQUIPPED HOSPITAL WITH BEDS

ALL ACCOMMODATION, BRIDGE AND ENGINE CONTROL ROOMS ARE FULLY AIR CONDITIONED

**THE TUG HAS FULL RANGE OF SALVAGE EQUIPMENT ONBOARD
 UPGRADING TO FIFI 1 WITH CONTAINERISED EQUIPMENT POSSIBLE**

COMMUNICATION EQUIPMENT INCLUDES: A-3 AREA INTEGRATED GMDSS SYSTEM, EMAIL AND FLEET 77

**NAVIGATION EQUIPMENT INCLUDED: JOYSTICK, GYRO COMPASS WITH REPEATER, MAGNETIC COMPASS, AUTOMATIC PILOT,
 RADAR UNIT WITH MONITORS, ECHO SOUNDER, GPS NAVIGATOR, NAVTEC RECEIVER, WEATHER FACSIMI**