

SPECIFICATION/PARTICULARS "CRESCENDO" OF "TMS OFFSHORE SERVICES LTD."



PRINCIPAL PARTICULARS

LENGTH O.A. / W.L. / B.P.: 59.25 M / 56 M / 52.20 M
BREADTH MOULDED: 14.95 M
DEPTH MOULDED: 6.10 M
DRAFT MAX.: 4.964 M
DWT / LIGHTSHIP: 1456.912 MT (Summer) / 1444.190 MT
NAME: CRESCENDO
EX-NAMES: VEGA CRUSADER, SK LINE 71
TYPE: OFFSHORE SUPPORT / FIRE-FIGHTING VESSEL
HULL NO.: SK71
OWNERS: DIANTHUS MARITIME LTD
BUILT: 2012, FUJIAN CHINA (24/08/20102)
GRT/NRT: 1680/504
CLASS / CLASS No: ABS / 12237851
CLASS NOTATION: +A1, (E), OFFSHORE SUPPORT VESSEL, FIRE FIGHTING VESSEL CLASS 1, +AMS, DPS-1
FLAG / CALL SIGN: MALTA / 9HA4289
IMO NO. 9651345

PERFORMANCE

MAX. SPEED / ECO SPEED: 13.0 KNOTS / 10.0 KNOTS
TYPE OF FUEL: MGO
FUEL CONSUMPTION: APPROX. 12M3/24HR@MAX SPEED
APPROX. 7M3/24HR@ECO SPEED
BOLLARD PULL: 67.8 TONNES (100% MCR)

CARGO CAPACITIES

DECK CARGO: 500 MT
CLEAR DECK AREA: 350 M2
DECK STRENGTH: 7.50 MT/M2
FUEL OIL: 585.93 M3
FRESH WATER: 837.91 M3
BALLAST/DRILL WATER: 205.82 M3
CEMENT TANK: 186.88 M3
FREEZER/CHILLER: 15 M3/15 M3
FOAM DETERGENT: 13 M3/13 M3

MACHINERY

MAIN ENGINES: 2 X CAT 3516C = 2 X 1920 KW @ 1600RPM
MAIN GENERATORS: 2 X CAT C18 383 kW @ 1500 RPM, 50 HZ, WATER COOLED
EMERGENCY GEN.: 1 X PERKINS 65 KW
BOW THRUSTERS: 2 X 8 MT KAWASAKI CPP
AFT THRUSTERS: 1 X 6 MT BERG CPP
STEERING GEAR: ELECTROHYDRAULIC
RUDDERS: BECKER HIGH LIFT FLAP TYPE
PROPULSION: 2 x BERG CPP IN KORT NOZZLES
ANCHOR WINCH: ELLECTROHYDRAULIC 9 MT PULL
BOW ANCHOR: 2 X HIGH HOLDING POWER 1305 KGR
ANCHOR CHAINS: 440M 38MM GRADE-2
CAPSTAN: 2 X 5MT & 15M/MIN
TUGGER: 2 X 10MT & 15M/MIN
DECK CRANE: 1 X 3MT & 9M
FUEL OIL PUMP: 1* 150M3/HR @ 75M HEAD
FRESH WATER PUMP: 1* 125M3/HR @ 75M HEAD
SWB/DRILL WATER PUMP: 1* 100M3/HR @ 75M HEAD
LIQUID/MUD PUMP: 1* 75M3/HR @ 75M HEAD
BILGE/BALLAST PUMP: 1* 75M3/HR @ 75M HEAD
GS/FIRE PUMP: 1* 75M3/HR @ 75M HEAD
EMERGENCY FIRE PUMP: 1* 35M3/HR @ 45M HEAD
BULK CEMENT PUMP: 1* 13M3/MINUTE @ 80 PSI AIR PRESSURE

FIRE-FIGHTING EQUIPMENT

NO. OF PUMPS: 2 X 1650M3/HR
NO. OF WATER MONITORS: 2 X 1250M3/HR
MONITOR THROW RANGE: 155M
MONITOR THROW HEIGHT: 90M @ 50M DISTANCE

RADIO / NAVIGATION EQUIPMENT

GMDSS / INM-C: FURUNO
V-SAT: KVH / ORBIT
IRIDIUM: PILOT
NAVTEX RECEIVER: FURUNO
RADARS: 2 x UNITS FURUNO
VHF: 3 x UNITS FURUNO
AIS: FURUNO
EPIRB: McMURDO
GPS / GYRO / SART: FURUNO/ 2 x RAYTHEON ANSCHUTZ/ 2 x McMURDO
AUTO PILOT: 1 X ANSCHUTZ
MAGNETIC COMPASS: 1 X LILLEY & GILLIE
WEATHER FAX: FURUNO
SPEED LOG: FURUNO
DPI: 1 X KONGSBERG K-POS
JOYSTICK: 1 X KONGSBERG C-JOY
CYSCAN: 1 X GUIDANCE NAVIGATION