

AHTS / SUPPLY / OIL REC Vessel

# M/V RAMCO CRUSADER



Vestland Marine Sp. z o.o.

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**M/V RAMCO CRUSADER**

## Technical Data Sheet

**GENERAL INFORMATION:**

VESSEL NAME:	MV "RAMCO CRUSADER"
VESSEL CALL SIGN.:	C6ZE6
IMO No.:	8200620
SHIP OWNER:	OCEANLINK OFFSHORE III AS
OPERATOR:	VESTLAND MARINE SP. Z O.O.
PORT OF REGISTRY:	NASSAU
FLAG:	BAHAMAS
BUILDING YEAR:	1983
YARD:	DAEDONG SHIPBUILDING CO. LTD., BUSAN KOREA

CLASSIFICATION:	DNV + 1A1 ICE-C TUG SUPPLY VESSEL FIRE FIGHTER II SF EO DPS-1
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CONVERSION TO OIL REC	JANUARY – MAY 2011
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**MAIN PARTICULARS:**

GROSS (INTERNATIONAL):	2017T
NET:	606T
DEAD WEIGHT AT MAX DRAFT:	1886T
LENGTH OVERALL:	68,00 M
LENGTH BETWEEN P.P.:	61,34 M
BREATH MOULDED:	15,60 M
DEPTH MOULDED:	7,45M
DRAFT MAX:	6,47 M

**M/V RAMCO CRUSADER****Technical Data Sheet****ANCHOR HANDLING EQUIPMENT / CAPACITY**

WINCH TYPE	NORWICH HYDRAULIC TRIPLE DRUM
AHT WINCH PULL	3 x 250T / 0 – 55 M/MIN
AHT WINCH BREAK	350T
AH DRUM CAPACITY	2 x 1000M, 70MM
TOW DRUM CAPACITY	1 x 1500M, 70MM
SPOOLING DRUMS CAPACITY	1 x 1200M, 70MM
	2 x 1000M, 70MM
RIG CHAIN GYPSIES	2 x 76MM
	2 x 83MM
RIG CHAIN LOCKERS	2 x 65M3
AH TONGS	2 x KARM 500 T SWL
STERN ROLLER	Ø2.5M x 3.7 M – 350 T SWL

**MOORING & DECK EQUIPMENT**

TUGGER WINCH	2 x 10T
CAPSTAN	2 x 14T
ANCHOR TYPE	1x 2149 KG WITH 550M 38MM K3 CHAIN 1 x 910 KG WITH 1800M 42MM Ø WIRE (FOR DEEP WATER)
WINDLASS	1 x 19.5 T
DECK CRANE	1 x 3T SWL AT 10.0M

**OIL RECOVERY**

TANK CAPACITY	1090 M3 (100% CAPACITY)
DISCHARGE	4 x 100 M3/H – 3 - 8 BAR
SKIMMER	FRAMO TRANSREC 150
OIL BOOM	1 x NR-1200R
SPARE BOOM	1 x NR-1000R
OIL BAG	2 x 50 M3
DISPERSANT SYSTEM	LDS 100D2F
SPRAY BOOM	2 x 10M
TUG BOAT	1 x WEEDO 910 TUG
TUG BOAT DAVIT	1 x HYDRAMARINE HMD 155 TUG
OIL SPILL RADAR	1 x SIGMA S6 OSD RADAR (RUTTER)
SEARCHLIGHT	1 x COLORLIGHT CL35-22 UV/UV 1 x COLORLIGHT CL35-11 HMI/HMI

**M/V RAMCO CRUSADER****Technical Data Sheet****PERFORMANCE/CONSUMPTION:**

BOLLARD PULL	140 T CONTINUOUS
MAX SPEED	15 KNOTS
IN PORT	1.0 T / DAY
STANDBY OFFSHORE	1.7 – 6 T /DAY
ECONOMIC STEAMING	10 KNOTS – 13.5 T /DAY; 12 KNOTS – 16.0 T /DAY

**AHTS OPERATION**

AT MAX. CONT SPEED	44 T / DAY
TOWING AT 80% LAOD	35 T / DAY

**MACHINERY / PROPULSION:**

MAIN ENGINES	4 x MAK 8M 453 3260 BHP, TOTALLY 13040 BHP
EMERGENCY GENERATOR	1 x 134 kW
SHAFT GENERATORS	2 x 1875 kVA (440 V AC – 60 Hz)
GENERATORS	2 x 312 kW (440 V AC – 60 Hz)
MAIN PROPELLERS	2 x LIPS VP (Ø = 3400MM)
BOW THRUSTERS	2 x 800 BHP TUNNEL
STERN THRUSTER	1 x 800 BHP TUNNEL
RUDDERS	2 x BECKER FLAP

**CARGO CAPACITY:**

DECK SPACE:	215 M2
DECK CARGO CAPACITY:	500 TON
DECK STRENGTH:	7T/M2 AT AFT- #31 5T/M2 AT #31 - FWD

**M/V RAMCO CRUSADER****Technical Data Sheet****TANK CAPACITIES:**

FUEL OIL:	625 M3
BALLAST / DRILL WATER	550 M3
POTABLE WATER:	168 M3
ORO	1069 M3
LUB OIL & OTHER	91 M3

**DISCHARGE CAPACITIES**

FUEL OIL:	2 x 110 M3/H – 10 BAR
BALLAST / DRILL WATER PUMPS:	2 x 100 M3 /H – 10 BAR
POTABLE WATER PUMP:	1x 100 M3/H – 10 BAR
ORO PUMPS	4 x 100 M3/H – 3-8 BAR

**NAVIGATION AND COMMUNICATION EQUIPMENT:**

RADAR	FURUNO 2 x 3CM ARPA
GYRO	ANSCHUTZ ST 22
SATELITTE COMMUNICATION	IRYDIUM; FLEET BROADBAND INMARSAT C SAILOR TT 3020C / H2095
M/F AND H/F :	SAILOR SSB RE2100
AUTOPILOT	ROBERTSON
VHF RADIO / VHF DSC	SAILOR RT 2048 / RM 2042 (3 PCS)
NAVTEX	FURUNO NX 700
GPS	FURUNO GP90/ GP30
AIS	FURUNO FA100
LRTIT	THRANE&THRANE TT3000 LRIT
EPIRB	ACR RLB-35
SARTS	JOTRON TRON SART (2 PCS)
GMDSS VHF	JOTRON TRON Tr-20
RADIO TELEX	SAILOR
FLEET MANAGEMENT SYSTEM (SGF)	PDL HPB PETROBRAS
VSAT	GILAT
POSITION MONITORING SYSTEM	SKYWAVE DMR 800 D

**DP SYSTEM**

REFERENCE SYSTEM	DP-1 MARINE TECHNOLOGY 1 x DGPS 1 x SYSCAN
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**M/V RAMCO CRUSADER****Technical Data Sheet****STAND BY/RESCUE:**

FAST RESCUE CRAFTS	1 x SEABEAR 23 MK II / 10 PERSON
FRC DAVIT SYSTEM MCA/NMD	1 x VESTDAVIT P-3600
LIFERAFTS	4 x 25 PERSON
HELICOPTER WINCHING AREA	SPACE AVAILABLE ON AFT MAIN DECK

**FIRE FIGHTING**

FIRE FIGHTING	FIFI CLASS II (4 x 1800 M3/H)
FIRE FIGHTING IN ER	CO2
FIRE FIGHTING ON DECK	2 x 40L PORTABLE FOAM APPLICATORS

**ACCOMMODATION:**

TOTAL CAPACITY	25 PERSON
CABINS	1 1x 1 PERSON
	1x 2 PERSON
	3 x 4 PERSON
INFIRMARY	1
RECREATION AREA	1
GYMNASIUM	1
SHIP OFFICE	1