

POLARIS XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2014
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9519444
CALL SIGN	HP7900
GRT	298 TONS
NRT	90 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	CUMMINS
POWER	2 X 1600 BHP
GENERATORS	CUMMINS (2 X 100 KVA)
PROPELLERS	2 X 4 BLADES
GEAR BOX	REINTJES
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	41 TONS

PRINCIPAL DIMENSIONS

LOA	32 MTRS
BREADTH	9.14 MTRS
DEPTH	4.20 MTRS
DRAFT	3.5 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	81.36 TONS
POTABLE WATER	25.88 TONS
BALLAST	46.08 TONS
LUB OIL	0.49 TONS

CONSUMPTION

FUEL TYPE	MDO
DAILY CONSUMPTION:	
FREE RUNNING	2,900 LTRS
TOWING EMPTY BARGE	3,200 LTRS
TOWING LOADED BARGE	3,500 LTRS
IDLE	200 LTRS

SPEED

MAX. SPEED	10 KNOTS
TOWING SPEED:	
ECO SPEED	2.5 KNOTS
FULL SPEED	3.0 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	NONE
TOWING HOOK	20 TON

NAVIGATION EQUIPMENT

AUTOPILOT	NO
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES

