



# SEA HORSE MIDDLE EAST MARINE SERVICES LLC.

Offshore Contractors/Oil Field Marine Logistics

Room 5-1 5<sup>th</sup> Floor Prestige Tower Mohd. Bin Zayed City, Musaffah, Abu Dhabi, UAE

Tel. No. 02 441 7144 Fax No. 02 441 7195 Website: www.shmemarine.com

## STI PLUTO

### PRINCIPAL PARTICULARS

OPERATING AREAS	: Sea Areas 1
TYPE OF SHIP	: Towing tug twin screw tug
FLAG	: UAE
OFFICIAL NUMBER	: 7469
CALL SIGN	: 9v8381
IMO NUMBER	: 9572173
CLASSIFICATION	: BV Class steel TUG
YEAR BUILT	: 2009
PLACE BUILT	: Weihai Xinghai Shipyard - China
LENGTH OVERALL	: 32.00 M
REGISTERED LENGTH	: 30.04 M
BREADTH	: 9.20 M
DEPTH	: 4.60 M
DESIGNED DRAFT	: 3.80 M
GRT / NRT	: 282 / 84 T

### STERN TUBES

\* Water Lubrication Stern Tubes with BTC Cutlass B

### STEERING GEAR SYSTEMS

\* 1 x 3.0 Tons Electro-Hydraulic Steering Gear with Joystick (Joystick Steering + Emergency Helm) Double Steering Station (Bridge FWD and AFT)

### TOWING

ANCHOR WINDLASS	: 22mm 20.2KN / MEP-66-22-H-AW
BOW ANCHOR	: 2x480Kgs, Stockless Anchors
CHAIN CABLE	: 302.5 M Total Length, 22mm Grade 2
TOWING HOOK	: 50T SWL Towing Hook Op
TOWING WINCH	: MHTW 40/ 80D/ 40 T X 5M / MIN, Double Drum Towing Winch c/w Auto Wire Device & Drum Capacity of 700MTR x 44mm dia Wire.



### PROPULSION SYSTEM

MAIN ENGINES	: CUMMINS KTA 50-M2(1600BHPx2 @1800RPM)
GEAR BOX	: 2 X CHONG QIONG - GWC 4245
AUXILIARY ENGINE	: 2 X CUMMINS ENG 6CT8.3-GM115
ALTERNATOR	: CCFJ 100 JCST, 100 KW, 125 KVA
FUEL OIL PURIFIER	: NIL
OILY WATER SEPARATOR	: DONGTAI CITY, Y 08 - 127
PROPELLERS	: 2 X SOLID 4 BLADE MANGANESE BRONZE Completed with MILD S KORT NOZZLE

### PERFORMANCE

MAXIMUM SPEED	: 12 Knots
ECONOMICAL SPEED	: 10 Knots
BOLLARD PULL	: 45.5 T
LIFE BUOY	: SDF - 5556 x 8 PCS

### CARGO CAPACITIES

FUEL OIL	: 252.02 M <sup>3</sup>
FRESH WATER	: 45.0 M <sup>3</sup>
BALLAST (F.W.)	: NIL
LUBE OIL TANK	: 10.0 M <sup>3</sup>
DIRTY OIL TANK	: 2.1 M <sup>3</sup>
ACCOMMODATION	: 11 Persons

### SOUND SIGNAL APPLIANCES & NAVIGATION EQUIPMENT

VHF RADIOTELEPHONE	: FURUNO / FM - 88005
SSB TRANSCEIVER	: FURUNO FS-2571C
24N MARINE RADAR	: 1.) FURUNO / FR - 7062 2.) ICOM MR- 1200
GPS NAVIGATOR	: FURUNO GPS-150
ECHO SOUNDER	: FURUNO / FE - 700
NAVTEX RECEIVER	: FURUNO / NX-700
WEATHER FAX	: FURUNO / FAX - 408
MAGNETIC COMPASS	: REFLECTOR / SR - 120
EPIRB	: SAMYUNG SEP-406
PUBLIC ADDRESSERS	: Ray Marine(Forward & Aft)
AIS	: FURUNO / FA -1502
INMARSAT C	: FURUNO

### FIRE FIGHTING / LIFE SAVING APPLIANCES

LIFERAFT	: KHA-15 ,Yulong China
LIFE JACKET	: DF5566 X 13 PCS
FIREMAN'S OUTFIT	: 1 Set
BREATHING APP.	: DONGTAI RHZK 6/30 X 4 PCS
EEBD	: HUAYAN 15 Minute X 8PCS
FIRE EXTINGUISHER	: ABC POWDER 9Kg X 9PCS FOAM 45 Kg X 1PC
PORTABLE FIRE PUMP	: 65 CWY - 30D/ 4 KW, 3500 RPM