GENERAL
YARD NUMBER 571729 (Damen Shipyards Hardinxveld)
DELIVERY DATE 17/05/2016
BASIC FUNCTIONS Pump Station
CLASSIFICATION DNV-GL
• 100 AS IN (0,6) Dredger
NAT. AUTHORITIES SUK Schwimmendes Gerät zone 2,3,4
Germany
OWNER Hamburg Port Authority (HPA)

DIMENSIONS
LENGTH 37.00 m
BEAM 10.00 m
DEPTH AT SIDES 4.00 m
DRAUGHT 2.00 m
DISPLACEMENT 710 ton(m)

TANK CAPACITIES
FUEL OIL 4.1 m³
FRESH WATER 16.0 m³
HEATER OIL 4.0 m³
SEWAGE 16.0 m³
BALLAST TANKS 148.3 m³

PERFORMANCES (APPROX.)
DREDGE PUMP (HPA) 6800 m³/h – 5 bar
JET PUMP (BP7570 LD) 8000 m³/h – 1.5 bar

ENGINES
ENGINE DREDGE PUMP WEG MGW 710L – electrically driven
POWER 1950 bkW at 375 rpm
COUPLING DREDGE PUMP
ENGINE JET PUMP
POWER
COUPLING JET PUMP
JET THRUSTER

AUXILIARY EQUIPMENT
GENERATOR SET Deutz Bf6M1013MC with 130 kVA Stamford Generator.
SHORE CONNECTION Normally powered from shore connection with 690V and 400V

DECK LAY-OUT
ANCHOR (TRANSPORT) 1x 272 kg Pool TW (SHHP)
ANCHOR WINCH 1x Electrically driven, Kraaijeveld KAB-S-E-TR
DECK CRANES 1x Pallinger PTM1550A RW, 5.0T @ 20.0 m
AND 15.0T @ 2.0-6.0 m
1x Pallinger PK40002MD, 2.2T @ 14.0 m

MOORING WINCHES 2x Kraaijeveld KAEH-S-TR with CT modus
60kN at 0-10 m/min, 60kN at 0-20 m/min,
20kN at 0-60 m/min
Hydraulically operated stonechest

STONECHEST

ACCOMMODATION
Comfortable heated and air-conditioned accommodation for 4 persons in galley, sanitary facilities, etc.

NAUTICAL AND COMMUNICATION EQUIPMENT
INTERCOM 1x Zenitel ETBS
VHF 1x Sailor, RT2048
CAMERA SYSTEM 1x Orlaco with 4x ccc camera
and guard selector
ANTENNA SYSTEM 1x RR Delta 32m