GENERAL
YARD NUMBER: 551003
DELIVERY DATE: August 2005
BASIC FUNCTIONS: Lay up to 28 inch pipe in very shallow water with water dept between 1.5m up to 4m in Caspian Sea
CLASSIFICATION: Lloyd’s Register of Shipping #100AT

DIMENSIONS
LENGTH O.A.: 101.0 m
BEAM MLD.: 29.0 m
DEPTH MLD.: 5.0 m

TANK CAPACITIES
S.W. BALLAST: 3300 m³
FRESH WATER: 330 m³
FUEL OIL: 330 m³
SEWAGE: 330 m³
WASTE WATER: 165 m³
LUB. OIL: 7 m³

AUXILIARY EQUIPMENT
Helicopter deck suitable for super puma AS332L2
3 containerized diesel generator sets Caterpillar 3508B TA 1000 kVA (50Hz)
1 containerized emergency diesel generator set 3306B TA 150 kVA (50Hz)
12 service containers

DECK LAY-OUT
8 point mooring system with 4 electrical driven mooring units, each with two 25t independent drums.
Pedestal crane, 30t @ 20m
Recovery winch
4 x capstans

ACCOMMODATION
Suitable for 150 persons, 4 x 1 person cabin, 10 x 2 person cabin, 32 x 4 person cabin;
Fully air-conditioned for environmental conditions -36°C to +42°C.
Offices, mess room, TV rooms, heli lounge, laundry, galley, infirmary etc.

PIPE LAY EQUIPMENT (OFE)
2x Pipe lowering devices
18x longitudinal conveyors
2x transverse conveyors
2x line up stations
9x rollers and track supports
3x vertical rollers
1x stinger
3x welding stations
1x NDT station
1x repair station
1x field joint station

NAUTICAL EQUIPMENT
Radio equipment according GMDSS rules for Area A3
Radar x-band, Decca bridge master
Sperry navipol magnetic compass
Sperry navigat gyro compass
GPS receiver LMX 400/2
Sperry ES 5000 echo sounder
CCTV system
Satellite TV

OWNER
SAIPEM, Italy (member of ENI Group).
DAMEN PIPE LAY BARGE
“Castoro 12”