FIELD DEVELOPMENT SHIP “FDS 2”

- Dynamically-positioned, multi-purpose construction and pipe-lay vessel
- Pipe-laying by J-Lay
- Optional: Pipe-laying by reel-lay or S-Lay technique
- Installation work on offshore oil fields in water depth up to 3000 m
- Sub-sea structures as clusters, valves, connectors and templates
- ROV operations to connect sub-sea components
- Cruising at 13 knots

MAIN DATA
Length over all: 183.00 m
Breadth: 32.20 m
Depth moulded: 14.50 m
Draught: 9.50 m
Speed: 13 knots

PIPELAY EQUIPMENT
J-lay tower capacity: 2000 t
Water depth: 3000 m
Pipes diameter: from 4 to 36”
MAIN DIMENSIONS

Length over all, approx. ..................183.00 m
Length between PP..........................171.00 m
Breadth moulded .............................32.20 m
Depth moulded ................................14.50 m
Design draught ...............................9.50 m
Draught, operation mode ...............8 to 9.50 m
Draught, scantling .........................9.50 m

SPEED

Speed, cruising ..............................13.0 knots

OTHER EQUIPMENTS

- Side fairleader on 3 locations
  (750 t capacity)
- Possibility to install an umbilical and
  flexible laying equipment
- Chain laying equipment (mobile), 8 chains
  lockers for 2000 t of chain
- Possibility to install a removable carousel
  on deck
- Capability to lay pipes in S mode (option)

SPECIAL EQUIPMENT

- Equipped with last generation automatic
  welding systems
- Double line for quad joint prefabrication
- S-lay capability (option) with 2 tensioner of
  each 90 t

DECK’S MACHINERY

- Two capstan winches
  One 750 t (1000 t max pay out load)
  One 500 t (600 t max pay out load) with
  heave compensator

DECK LOAD CAPACITY

Up to 6000 t of pay load

PROPELLATION PLANT

- Six diesel generators 36,000 kW

MAIN CRANE CAPACITY

- One crane 1000 t, 400 m below water line

AUXILIARY CRANES

- Two pipe handling cranes 100 t capacity
- Two knuckle boom deep water crane 20 t,
  2000 m water depth

PROPULSION SYSTEM

- Two azimuthal thrusters for propulsion and
  station keeping each 5000 kW
- Three retractable azimuthal thrusters
  each 5500 kW
- Two bow thrusters for station keeping
  each 2000 kW

DP CAPABILITY

DP Class 3 / ERN 99.99.97
ERS 99.99.99

ACCOMMODATION

325 persons fully air-conditioned

CLASSIFICATION

- ABS [A1, (E), AM] (E) ACCU
- DPS3,
  “Crane Vessel, Pipelayer Vessel”,
  Ice Class D0, PORT, HAB