

ITALY – WEIGHING AND LOAD OUT OF A 5167 TON OFFSHORE DECK

PROJECT	EQUIPMENT	WEIGHT
OFFSHORE	SPMTs	5167 TON

Italy: Fagioli performed the weighing and load out operations of a 5167 ton Deck Module on the Adriatic shore line. For what concerns the weighing operation the equipment used was the following:

- No 2x22 axles SPMT + No 2x20 axles SPMT + No. 1x13 axles + no 2x14 axles + No 2x16 axles + No 9 PPU's.
- No. 7 Pressure Gauges.

The SPMTs convoy was positioned below the module. The positioning tolerance was + 20mm (both in longitudinal and transverse directions). Two calibrated Digital Pressure Gauges were installed into each of the hydraulic pressure groups, one close to the input pressure from the PPU and a second at the end of the hydraulic group. A reading of each calibrated Digital Pressure Gauges was carried out with SPMT. The SPMTs took loads gradually (50% of the expected load, then 100%) checking at each step to ensure that the hydraulic system oil pressure levels were in compliance with the expected values of the hydraulic groups. The load was held for approx. 10 minutes and the operation repeated 3 times. For the load-out operation 157 axle lines SPMTs were used including some 50 ton capacity axles.

