



GVA 27000

Semi-submersible Production Unit





GVA 27000

Name:	Atlantis PQ
Location:	Gulf of Mexico 300 km (190 miles) south of New Orleans
Water depth:	2,160 m (7,100 ft)
Duties:	Oil production, gas production, field center, accommodation
Status:	First Oil 2006
Owner:	BP and BHP Billiton
Design:	GVA
Topside Desing	Mustang Engineering
Regulatory/Class	MMS/USCG/ABS



General Description

The GVA 27000 is a pure production and quarters semi-submersible (PQ). The Unit is designed for the Atlantis Field in the Gulf of Mexico.

- Favorable motion characteristics with respect to SCR fatigue.
- Vertical Access to all production risers.
- Large deck area for storage of cargo.

VESSEL CAPACITIES	
Oil Production:	200,000 BOPD
Gas Production:	180 MMSCFPD
Gas lift:	60 MMSCFPD
Water Production	75,000 BOPD
Water Injection:	75,000 BWPD
Risers:	16 SCR:s (7 base case + 9 Future)
Accommodation:	100 persons
Station Keeping:	12 point semi-taut chain-wire-chain system

MAIN PARTICULARS		
Length over all:	129.0 m	423.2 ft
Width over all:	119.0 m	390.4 ft
Length of pontoons:	89.6 m	294.0 ft
Height to Upper Deck:	52.0 m	170.6 ft
Topside	25,500 tonnes	2,8110 kips
Future Topside Reserve	10,000 tonnes	11,024 kips
Light Unit Weight:	44,300 tonnes	48,834 kips
Displacement:	89,000 tonnes	98,109 kips
Draught :	26.0 m	85.3 ft
Air gap in survival:	17.5 m	57.4 ft

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