



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 Design	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
- Direct Access to all production risers, for coil tubing operations
- Large deck area for storage of equipment

VESSEL CAPACITIES	
Oil Production:	200,000 BOPD
Gas Production:	180 MMSCFD
Gas lift:	60 MMSCFD
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	28,109 s. tons
Future Topside Reserve	10,000 tonnes	11,023 s. tons
Light Unit Weight:	44,300 tonnes	48,832 s. tons
Displacement:	89,000 tonnes	98,106 s. tons
Draught :	26.0 m	85.3 ft
Air gap in survival:	17.5 m	57.4 ft

Mailing address & Reg. office

GVA Consultants AB
P O Box 11450
SE-404 29 Gothenburg, Sweden

GVA North America
Sales Office, Houston

GVA Consultants AB
Sales Office, Brazil

Visiting address

Östra Hamngatan 7
41110 Gothenburg

1080 Eldridge Parkway
Houston, TX 77077
USA

Avenida Presidente Wilson 231, 5th floor
20030-021 Rio de Janeiro- RJ
Brazil

Telephone

Nat. 031-10 67 00
Int. +46 3110 67 00

Phone. +1-281 529 2100
Fax. +1-281 529 2525

Phone: +55 21 2103 7608

E-mail

gva@gvac.se

Website

www.gvac.se