



GVA 5000

Semi-submersible Production and Drilling Unit





GVA 5000

Name	Balmoral
Location	North Sea, UK Sector
Water depth	150 m (490 ft)
Status	First Oil 1986
Owner	Agip
Design	GVA



General Description

The GVA 5000 is a combined production, drilling, diving and quarters semi-submersible. The unit is designed for the Balmoral Field in the North Sea UK Sector.

- First purpose built Semi-Submersible Production Unit
- Harsh Environment
- Still producing after 22 years on location.
- Drilling capability
- Saturated diving capability

VESSEL CAPACITIES	
Oil Production:	60,000 BOPD
Gas lift:	10 MMSCFPD
Water Injection:	100,000 BWPD
Water Production:	50,000 BWPD
Risers:	Flexible riser with disconnect system
Drilling:	48.7 m Derrick, 1000,000 lbs Hook Load
Diving:	Two 6 Man Saturation Chamber, 3 Man Diving Bell, 12 Man Hyperbaric Lifeboat
Station Keeping:	8 point Chain Catenary with anchor piles

MAIN PARTICULARS		
Length over all:	103.0 m	337.9 ft
Width over all:	126.0 m	413.4 ft
Length of pontoons:	110.0 m	360.9 ft
Height to Upper Deck:	57.5 m	188.6 ft
Deck Drilling Payload:	7,150 tonnes	7,882 kips
Light Unit Weight:	18,900 tonnes	20,834 kips
Displacement:	34,000 tonnes	37,480 kips
Draught operation:	22.5 m	73.8 ft
Air gap operation:	12.5 m	41.0 ft

Mailing address & Reg. office

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

GVA Consultants Sales Office

Visiting address

Östra Hamngatan 7
411 10 Göteborg

4100 Clinton Drive (01-794)
Houston, TX 77020-6237
USA

Telephone

Nat. 031-10 67 00
Int. +46 31 10 67 00

+1-713 753 4292

E-mail

gva@gvaconsultants.com
www.gvaconsultants.com

gvaus@gvaconsultants.com