



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 more than 20 years on location
- Drilling capability
- Saturated diving capability

VESSEL CAPACITIES	
Oil Production:	60,000 BOPD
Gas lift:	10 MMSCFD
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 s. tons
Light Unit Weight:	18,900 tonnes	20,834 s. tons
Displacement:	34,000 tonnes	37,479 s. tons
Draught operation:	22.5 m	73.8 ft
Air gap operation:	12.5 m	41.0 ft

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