



# GVA 8000

Semi-submersible Production Unit





## GVA 8000

<b>Name</b>	GVA 8000 Troll C
<b>Location</b>	North Sea, Norwegian Sector
<b>Water depth</b>	339 m (1,110 ft)
<b>Duties</b>	Production and Accommodation
<b>Status</b>	First Oil 1999
<b>Owner</b>	StatoilHydro
<b>Design</b>	GVA
<b>Topside Design</b>	Umoe Olje og Gas
<b>Regulatory/Class</b>	NPD/NMD/DNV



## General Description

The GVA 8000 is a Production and Quarters semi-submersible. The Unit is designed for the Harsh environment at the Troll Field in the Norwegian Sector.

- More than 40 Risers
- Harsh Environment
- All Risers Protected in Guide Tubes

VESSEL CAPACITIES	
Oil Production:	190,000 BOPD
Gas Production:	320 MMSCFPD
Water Production	250,000 BOPD
Risers:	42 Flexibles
Accommodation:	70 persons
Station Keeping:	16 point chain-wire-chain system

MAIN PARTICULARS		
Length over all:	121.4 m	398.3 ft
Width over all:	101.0 m	331.4 ft
Length of pontoons:	90.9 m	298.2 ft
Height to Upper Deck:	48.0 m	157.5 ft
Topside Load:	25,200 tonnes	27,779 kips
Light Unit Weight:	29,000 tonnes	31,968 kips
Displacement:	55,000 tonnes	60,629 kips
Draught:	21.0 m	68.9 ft
Air gap in survival:	18.5 m	60.7 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