



# GVA 4500

SEMI-SUBMERSIBLE PRODUCTION UNIT

## GVA 4500

<b>Name</b>	Petrobras 18
<b>Location</b>	Marlim field, Brazil
<b>Water depth</b>	900 m (3,000 ft)
<b>Status</b>	First Oil 1994
<b>Owner</b>	Petrobras
<b>Design</b>	GVA



## General Description

The GVA 4500 is a Production and Quarters semi-submersible.

The Unit was delivered in 1994 and has since then been operating successfully in the Marlim field offshore Brazil.

- First Steel Catenary Riser from Semi Submersible
- More than 60 Flexible Risers

### VESSEL CAPACITIES

Oil Production:	100,000 BOPD
Gas Production:	75 MMSCFPD
Risers:	65 Flexibles+ 1 SCR
Station Keeping:	8 point system

### MAIN PARTICULARS

Length over all:	100.0 m	328.1 ft
Width over all:	88.0 m	288.7 ft
Length of pontoons:	89.7 m	294.3 ft
Height to Upper Deck:	43.9 m	144.0 ft
Light Unit Weight:	18,000 tonnes	39,685 kips
Displacement:	36,100 tonnes	79,590 kips
Draught:	18.4 m	60.4 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](mailto:gva@gvac.se)

#### Website

[www.gvac.se](http://www.gvac.se)