“GBS Floatover Platform Example”
Example Description – Malampaya, Philippines

- Floatover platform
- Water depth 45m
- Subsea gas pipeline tie-in to platform
- Wells in 850m Water
- Condensate storage
- Condensate take-off via offloading buoy and shuttle tanker
- Gas compressed exported by 500 km line to refinery for treatment
- 500 mmscfd Gas supply to Power Station
- Reservoir 100 ppm H2S & 4% CO2
- Single process train for 40,000 bpd liquids
Malampaya GBS Graving Dock, Philippines

Land pinpointed for the graving dock

Graving dock under full operation
Graving Dock Flooding & Float-out

GBS close to completion

Graving dock being flooded to float-out the completed GBS
Malampaya Graving Dock Flooding & Float-out

Malampaya GBS being floated and made ready for tow-out to site
GBS on Tow-out to Site and Positioning
GBS Positioning and De-ballasting to Seabed

Ready for topsides floatover
Floatover and De-ballasting/Mating
Topsides Mated with GBS – First Oil & Gas
“GBS Floatover Platform Example ”

Thank You
For further information on our designs and services please contact:

**Singapore Office:**
39, Pandan Road, Singapore. 609281
Tel.: +65 91093201 +65 68539106

**Malaysia Office:**
11, Jalan 14/2, Taman Tar, Ampang, Salangor, Kuala Lumpur 68000
Tel.: +60 342665601
Mob.: +60 123210824 +60 178810807

**Irvine Engineering Pte Ltd - Registered Address:**
60 Paya Lebar Road, #08-43 Paya Lebar Square, Singapore. 409051
Tel.: +65 68539106

**Dubai Office:**
Jumeirah Lake Towers, P.O. Box: 643593, Cluster C, Goldcrest Executive Tower Office 706, Dubai. UAE.
Tel.: + 971 4 447 0897
Fax: +971 4 447 0896
Mob.: + 971 567451923
(Main Company Contact)

enquiries@irvineeng.com