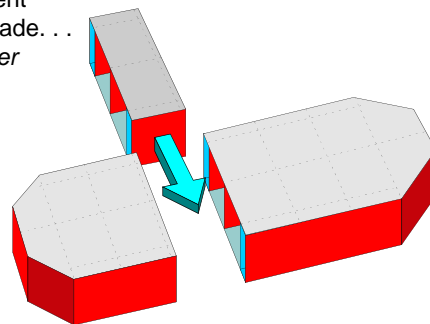
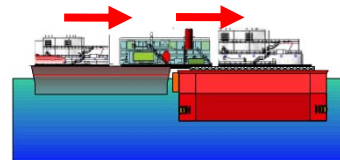


Irvine Barge Top 300

Why Barge Top 300. . ?

- An Irvine managed design will incorporate our management control systems such as Integrated Project Management System (IPMS) and Interface Management systems . . .
 - All tried and tested reliable systems that will help to illuminate risk exposure also capturing schedule flexibility
- TOP 300 is an optimised solution which shall be tailor designed to meet reservoir requirements. . .
 - Designed to fit, not a round peg in a square hole such as a conversions offer.
- TOP 300 is a simplified design which can allow it to be built in less sophisticated shipyards. . .
 - Substantial CAPEX savings can be made!
- Topside module(s) skidded at quayside or offshore. . .
 - Logistically best option applied.
- Hull incorporates a simplified sizing arrangement where later hull size changes may be easily made. . .
 - Capacity may be changed later to suit a larger production role.



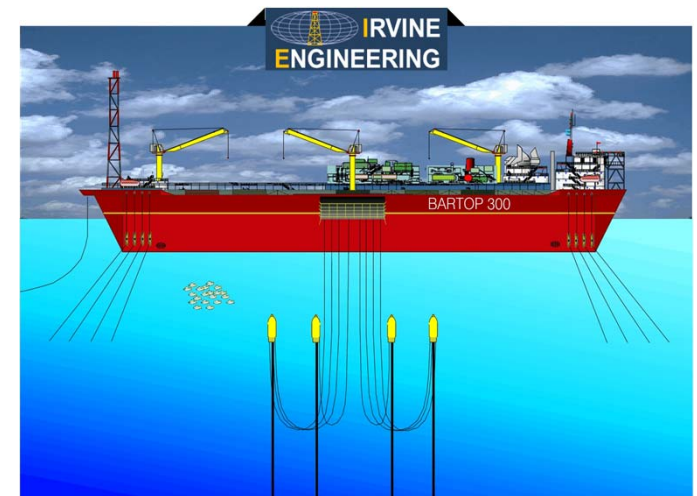
Jumeirah Lake Towers,
 P.O. Box: 643593,
 Cluster C, Goldcrest Executive
 Tower Office 706,
 Dubai, UAE.
 Tel.: + 971 4 447 0897
 Fax: + 971 4 447 0896
 Mob.: + 971 567451923

Visit our website
www.irvineeng.com



Irvine Barge Top 300

“Large Deepwater Barge Solution”



“An Innovative Floating Production Vessel
 Offering a Multi Application Solution for
 Benign to Moderate Environments”

Applications as FPSO, FPU and FSO

Developing Today's New Deepwater Regions

In line with the demand to recover hydrocarbon reserves in deep waters gaining interest, Irvine Engineering is developing fully integrated field development solutions. The Barge Top 300 floating production vessel design forms part of the total solution . . .

Most Deepwater Developments are Driven by the Needs for . . .

- Simplicity and reliability for remote areas
- Operational flexibility for changing circumstances
- Globally integrated solutions
- Tried and tested system components
- Predictable turnout costs
- Robust schedule

Field Developments in Moderate Environments



The Solution . . .

Practical cost efficient designs offering world wide solutions that allow easy future field abandonment and re-mobilisation to another location. The Barge Top 300 can help to improve reservoir performance.

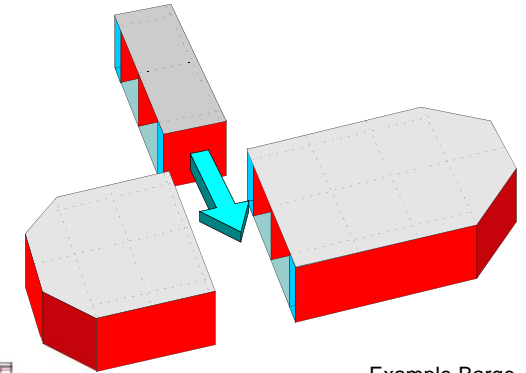


The Benefits . . .

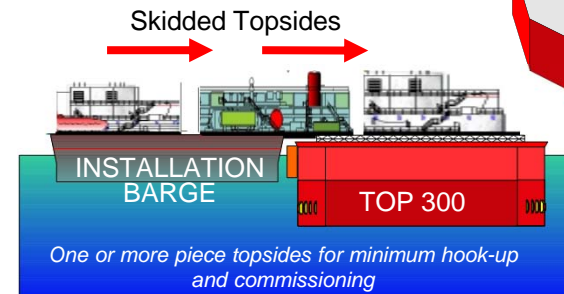
- Low CAPEX and OPEX
- Fit for purpose designs
- Fast track design, build and commissioning
- Easy installation and relocation
- Efficient I.M.R.
- Safe systems
- Adaptable production facilities
- Re-useable design

Extreme Structural Simplicity and Robustness

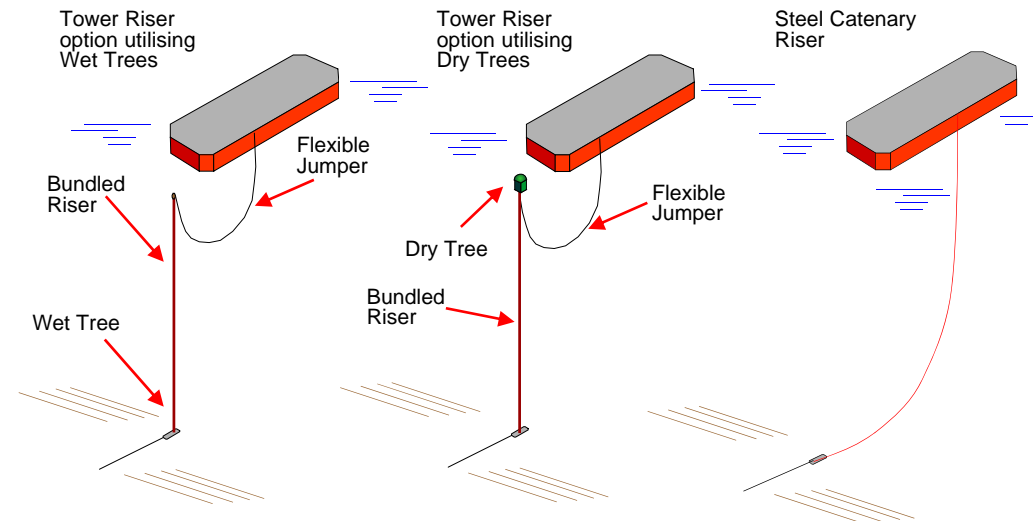
The hull consists of robust standard tank sections. Storage capacity can be changed by removing or adding these pre-engineered tank sections either at contract award stage or during dry docking prior to relocation to a new field



Flexible Topsides Installation



Flexible Deep water Riser Applications



Bundled Tower Riser Systems for Flow Assurance in Water Depths up to 3,000 metres