

Petrojarl Banff (retrofit)

Ship type	FPSO
Shipowner	Teekay Corporation
Shipyard	Blohm+Voss GmbH



Main Dimensions

Dwt	20,800 t
GT	18,488
Capacity	88,000 BBL
LOA	120.40 m
Beam	53.50 m
Draught	16.13 m

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Project type	Ship status	Design scope	Delivery year
Retrofit	Delivered	Concept, Basic, Detail	2012

Scope of Work for the Shipowner

- Design of strengthening the mooring system foundations in turret and vessel hull to accommodate upgraded mooring lines
- Strength and fatigue analyses, including design loads development and fatigue analysis procedure
- Naval architectural design required for the reinstallation project
- Technical support during work execution at the yard

Project Features

- The vessel experienced multiple mooring line breaks during a severe North Sea storm in 2011. Deltamarin provided technical support throughout the reinstallation project, including the development of strengthening concepts, basic design and work execution at the yard.

Additional Information

IMO number	9184330
Classification society	DNV-GL
Special features	North Sea FPSO reinstallation