



Last Updated:

February 2011

The Fulmar platform is located approximately 217 miles east of Dundee. It has two fixed steel jackets, on which there are facilities for drilling, production, accommodation and associated utilities. The Fulmar complex was installed in 1981, with first oil production in 1982.

The Fulmar platform's processing facilities separate production from the Fulmar field and the Auk North sub-sea tieback with oil being exported via Norpipe to the Teesside Terminal. The associated gas from the Fulmar field is used as fuel on the platform or flared. The Fulmar platform also has access to the SEGAL system.

The Fulmar platform acts as a gathering hub providing a processing and redelivery service for the surrounding fields (including Gannet, Auk, Halley, Clyde and Orion).

OPERATIONAL INFORMATION

Licence	P185 & P256	
Licensees	Talisman North Sea Limited	100%
Platform Type	Fulmar A: Fulmar AD:	Eight-leg fixed steel jacket Four-leg fixed steel jacket
Platform Weight	Fulmar A Topsides: Jacket: Total:	26,940 Tonnes 12,400 Tonnes 44,140 Tonnes
	Fulmar AD Topsides: Jacket: Total:	260 Tonnes 1,406 Tonnes 1,666 Tonnes
Drilling	Fulmar A: Fulmar AD:	36 well slots 6 slots
Wells	Production: Injection:	22 (11 in use) 11 (5 in use)
Nearest Installations	Auk: Clyde: Janice:	12 km 9 km 12 km



CAPACITY PROJECTION

The platform process system is nominally designed for the following quantities. However, peak flow rates may exceed these values based on analysis of the production profiles and the actual equipment capacities at that time:

Description	Unit	Max. Cap.	Projected Ullage (% of maximum capacity)					
			2011	2012	2013	2014	2015	2016
1 st Stage Separator 'A' train	BPD	163,500	●	●	●	●	●	●
1 st Stage Separator 'B' train	BPD	163,500	●	●	●	●	●	●
2 nd Stage Separator	BPD	25,000	●	●	●	●	●	●
3 rd Stage Separator	BPD	60,000	●	●	●	●	●	●
Crude Oil Export	BPD	140,000	●	●	●	●	●	●
Produced Water Treatment	BPD	120,000	●	●	●	●	●	●
Water Injection	BPD	272,000	●	●	●	●	●	●

Available Capacities:	●	> 25%
	●	5% to 25%
	●	< 5%



PIPELINES

Oil Export 24-inch * 16km oil export pipeline to a 'Y' piece on the J-Block/Norpipe
24-inch pipeline

Oil is then routed via the Norpipe system to the Teesside Terminal

Gas Export Gas is routed via the "SEGAL" system to the St. Fergus Terminal

ENTRY / EXIT SPECIFICATION

Crude Mixture Entry	Flowing Wellhead	up to 90°C up to 25 bara
Crude Oil Export	TVP (True Vapour Pressure)	2.3 barg @ 38°C
	Base Sediment & Water	0.2 % vol
	Salt	250 lb/Mbbl
	H ₂ S	10 ppm wt
	Total Sulphur	0.35 % wt
	Nickel	10 ppm wt
	Vanadium	10 ppm wt
	Viscosity	40 cP @ 3°C
	pH	> 5
	Mercury	0.15 ppb wt
Produced Water		<30 ppm oil in water