



Last Updated:

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The Claymore complex is located in block 14/19 of the United Kingdom Continental Shelf located 161 km north east of Aberdeen in the Central North Sea. Located at co-ordinates 58°26'58" N, 00°15'13" W, it stands in approximately 110m of water. The Claymore complex contains two fixed steel bridge-linked platforms, the Claymore Production Platform (CPP) and Claymore Accommodation Platform (CAP). The CPP, weighing approximately 36,000 tonnes, sits on a conventional eight-legged steel jacket and provides process and drilling facilities. The CAP is much smaller at around 8,000 tonnes, and provides accommodation and utilities for staff, and the helideck. The platforms are linked by a 106m bridge.

Design work on the platform started in 1974 after the field was discovered in May of that year. The Claymore Production Platform was installed in 1976 with first production from the Claymore field commencing in November 1977 and the Claymore Accommodation Platform was installed in 1995.

OPERATIONAL INFORMATION

Licence	P.249	
Licensees	Talisman Energy (UK) Limited (Op)	13.0000%
	Talisman North Sea Limited	16.6667%
	Transworld Petroleum (U.K.) Limited	17.7000%
	Talisman Energy Alpha Limited	13.7333%
	Talisman Oil Trading Limited	11.3784%
	ENI UK Limited	20.0000%
	Dana Petroleum (E&P) Limited	7.5216%
Platform Type	Eight-legged steel jacket	
Platform Weight	Claymore Production Platform	36,000 Tonnes
	Claymore Accommodation Platform	8,000 Tonnes
Wells	Production	32 (platform) 5 (Scapa Template)
	Injection	4 (platform) 17 (Subsea)
Drilling	Well Slots	36



Nearest Installations Piper Bravo 29 km E
Tartan 20 km SE

Associated Fields Scapa 4.5 km SW of Claymore

CAPACITY PROJECTION

Description	Unit	Max Capacity	Projected ullage (% of maximum capacity)				
			2011	2012	2013	2014	2015
Claymore Separators (A & B parallel)	BPD	180,000	●	●	●	●	●
Scapa Separator	BPD	32,000	●	●	●	●	●
Oil Export	BPD	204,000	●	●	●	●	●
Claymore Produced Water	BPD	180,000	●	●	●	●	●
Scapa Produced Water	BPD	45,000	●	●	●	●	●
Claymore Water Injection	BPD	160,000	●	●	●	●	●
Scapa Water Injection	BPD	40,000	●	●	●	●	●
Gas Compression	MMscfd	115,000	●	●	●	●	●
Gas Export	-	-	●	●	●	●	●
Gas Lift	MMscfd	115,000	●	●	●	●	●
Gas Dehydration	MMscfd	24,000	●	●	●	●	●
H2S Removal	-	-	●	●	●	●	●

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



PRIMARY SEPARATION PROCESSING FACILITIES

Claymore fluids are separated in two horizontal vessels which operate in parallel, separating into oil, gas and water phases. Oil is pumped through metering streams then into export pipeline. Produced water is treated in Hydrocyclones and a Degasser vessel before being discharged overboard. Scapa fluids are treated similarly with a dedicated single stage of Separation and Produced Water Hydrocyclones and Degasser.

GAS TREATMENT FACILITIES

There is no gas export from the Claymore platform. Gas from the Claymore and Scapa Separators is combined and compressed to provide lift gas to the wells. There are three trains of compression each with two stages. Two trains are required to provide the necessary flowrates. Lift gas for Scapa is dehydrated in Molecular Sieves prior to injection.

PIPELINES

Crude Oil Export	30" * 4.5 km to Wye Joins main 30" oil line to Flotta Terminal
Crude Oil Import	24" * 27.4 km from Tartan
Gas Import	16" reducing to 6" from Piper 'B'
Claymore / Scapa Interfield Bundle	6 * 3" * 4.5 km gas lift lines 2* 10" * 4.5 km production lines 2 * 6" * 4.5 km test/utility lines Service pipelines
Water Injection	11" / 8" Claymore / Scapa water injection (CASWI) 12" / 10" Claymore water injection (CFE)



ENTRY SPECIFICATION

Subject to discussion and negotiation

EXIT SPECIFICATION

Crude Oil Export	Set by Flotta Pipeline System entry requirements
Gas Export	N/A
Produced Water (Prevention of Oil Pollution Act 1971)	<30 mg/L oil in water