CLAYMORE

LAST UPDATED: FEBRUARY 2021

ASSET SUMMARY

The Claymore platform, installed in 1976, is located 100 miles (161km) North East of Aberdeen. The complex contains two fixed steel bridge-linked platforms, the Claymore Production platform (CPP) and Claymore Accommodation Platform (CAP), connected by a 106m bridge. The CPP sits on a conventional eight-legged steel jacket, providing processing and drilling facilities. The CAP is much smaller and provides accommodation, utilities, and the helideck.

The Scapa field was developed as a subsea tie-back to the Claymore platform in 1982. The Claymore Accommodation Platform was installed in 1995.

Claymore provides an up and over transportation service to the Golden Eagle platform. Hydrocarbons from the Golden Eagle Area are transported via a 14" oil export pipeline and delivered to the Claymore Pipeline which provides transportation services for the Golden Eagle Owners.

PIPELINES

Crude Oil Export	30" * 4.5km to Wye Joins main 30" oil line to Flotta Terminal
Crude Oil Import	24" * 27.4km from Tartan (not in use)
Gas Import	16" reducing to 6" from Piper 'B' / Frigg System
Claymore / Scapa Interfield Bundle	6 * 3" * 4.5km Gas Lift Lines (out of service) 2 * 10" * 4.5km Production Lines 2 * 6" * 4.5km 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	< 30 mg/l oil in water

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. All lift gas requirements are met by 1x 100%, 3 stage compression train. Lift gas for Scapa is dehydrated in Molecular Sieves prior to injection.

CAPACITY PROJECTION	AVAILABLE CAPACITIES:	> 25%	5% - 25%	< 5%

Description	Unit	Maximum Capacity	Projected Ullage (% of maximum capacity)				
			2020	2021	2022	2023	2024
Claymore Separators (A & B Parallel)	bpd	180,000					
Scapa Separator	bpd	32,000					
Oil Export	bpd	180,000					
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	140,000					
Gas Export	-	-					
Gas Lift	mmscfd	140,000					
Gas Dehydration	mmscfd	24,000					
H2S Removal	-	-					