

**ASSET SUMMARY**



The Clyde platform, installed in 1986, is located 175 miles (280km) South East of Aberdeen. It is an eight-leg fixed steel jacket and module support frame, with drilling, production, accommodation and associated facilities.

The processing facilities separate production from Clyde, Levin, Medwin and Nethan fields, as well as the Orion and Flyndre subsea tie-backs.

Oil is transported to the Fulmar platform and exported via the Norpipe System for onward delivery to the Teesside Terminal.

Gas export from the Clyde platform is transported via the Fulmar platform to the Fulmar gas pipeline, running via the SEGAL System to the St Fergus Terminal.

**PIPELINES**

**Oil Export**

8" \* 12km subsea pipeline to Fulmar platform, then routed via Norpipe system to Teesside Terminal

**Gas Export**

16" \* 11km export pipeline to Fulmar platform, then routes via SEGAL System to the St. Fergus Terminal.

**Clyde / Orion Interfield**

10" \* 16.3km subsea production pipeline from Orion to Clyde

**Flyndre Interfield**

8.5" \* 20km subsea production pipeline from Flyndre to Clyde

**ENTRY / EXIT SPECIFICATION**

<b>Crude Mixture Entry</b>	Flowing Wellhead	Up to 121°C Up to 140 bara
<b>Crude Oil Export</b>	TVP (True Vapour Pressure)	145 psia @ 100°F
	Base Sediment & Water	2% vol
	Salt	250 lb/mbbl
	H <sub>2</sub> S	10ppm wt
	Total Sulphur	0.19% wt
	Nickel	10ppm wt
	Vanadium	10ppm wt
	Viscosity	20 cP @ 3°C
	pH	>5
	Mercury	10 ppb wt
<b>Gas Export</b>	Water Content	35ppm vol
	Cricondenbar	<105 bara
	Total Sulphur	15ppm vol
	CO <sub>2</sub>	1.6% vol
	O <sub>2</sub>	10ppm vol
<b>Produced Water</b>		<30 ppm oil in water

**CAPACITY PROJECTION**

**AVAILABLE CAPACITIES:**

> 25%

5% - 25%

< 5%

Description	Unit	Maximum Capacity	Projected Ullage (% of maximum capacity)				
			2021	2022	2023	2024	2025
1 <sup>st</sup> Stage Separator	bpd	122,000	●	●	●	●	●
2 <sup>nd</sup> Stage Separator	bpd	95,000	●	●	●	●	●
Orion Separator	bpd	10,265	●	●	●	●	●
3 <sup>rd</sup> Stage Separator	bpd	60,000	●	●	●	●	●
Oil Export	bpd	60,000	●	●	●	●	●
Produced Water Treatment	bpd	97,000	●	●	●	●	●
Water Injection	bpd	73,000	●	●	●	●	●
LP Compressor	MMscfd	11.4	●	●	●	●	●
IP Compressor	MMscfd	22.7	●	●	●	●	●
HP Compressor	MMscfd	42	●	●	●	●	●
Gas Dehydration	MMscfd	42	●	●	●	●	●
Export/Lift Compressors	MMscfd	36	●	●	●	●	●
Flyndre Separator	bpd	17,600	●	●	●	●	●
Flyndre Produced Water	bpd	10,000	●	●	●	●	●