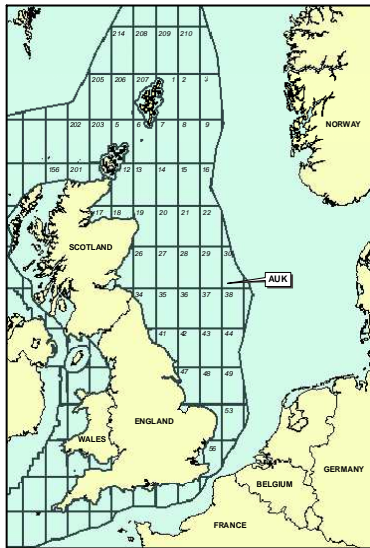


## AUK



Last Updated:

May 2017

The Auk platform is located approximately 155 miles south east of Aberdeen; the eight-leg fixed steel jacket and module support frame has facilities for production, accommodation and associated utilities. The platform was installed in 1974, with first oil production in 1975.

The Auk platform's processing facilities separate the production from the Auk field, with oil being exported via the Fulmar platform to the Teesside Terminal. The associated gas is used as fuel on the platform. There are no facilities on Auk to export gas.

## OPERATIONAL INFORMATION

<b>Licence</b>	P.116 & P.295
<b>Licensees</b>	Repsol Sinopec Resources UK Limited 100%
<b>Platform Type</b>	Eight-leg fixed steel jacket and module support frame
<b>Platform Weight</b>	Topsides: 10,814 Tonnes Jacket: 3,414 Tonnes
<b>Drilling</b>	Well Slots: 12
<b>Wells</b>	Production: 10 (6 in use) Injection: 0
<b>Nearest Installations</b>	Fulmar: 12 km Clyde: 15 km

## CAPACITY PROJECTION

The platform process system is nominally designed for the following quantities:

Description	Unit	Max. Cap.	Projected Ullage (% of maximum capacity)				
			2017	2018	2019	2020	2021
HP Separator	BPD	23,875	●	●	●	●	●
MP Separator	BPD	23,875	●	●	●	●	●
LP Separator	BPD	27,000	●	●	●	●	●
Oil Export	BPD	25,000	●	●	●	●	●
Produced Water Treatment	BPD	55,000	●	●	●	●	●

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

**PIPELINES**

**Oil Export**

8-inch \* 12 km subsea pipeline to Fulmar platform  
 Oil then routed via the Norpipe system to the Teesside Terminal

**ENTRY / EXIT SPECIFICATION**

<b>Crude Mixture Entry</b>	Flowing Wellhead	up to 90°C up to 6 bara
<b>Crude Oil Export</b>	TVP (True Vapour Pressure)	2.3 barg @ 38°C
	Base Sediment & Water	0.2 % vol
	Salt	250 lb/Mbbl
	H2S	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
<b>Produced Water</b>		<30 ppm oil in water