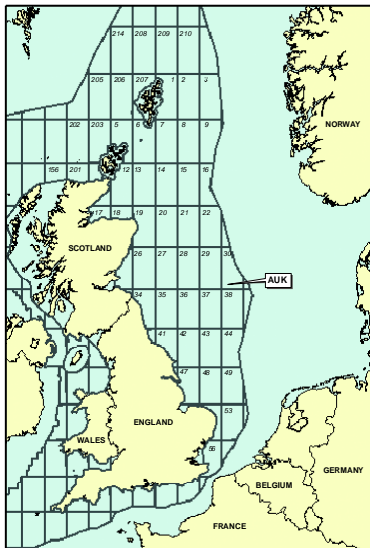


AUK



Last Updated:

March 2019

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

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 from the field is all flared – there are no facilities on board Auk to export gas.

OPERATIONAL INFORMATION

Licence	P.116 & P.295
Licensees	Repsol Sinopec Resources UK Limited (Op) 100%
Platform Type	Eight-leg fixed steel jacket and module support frame
Platform Weight	Topsides: 10,814 Tonnes Jacket: 3,414 Tonnes
Drilling	Well Slots: 12
Wells	Production: 10 (9 in use) Injection: 0
Nearest Installations	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)				
			2019	2020	2021	2022	2023
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

Crude Mixture Entry	Flowing Wellhead	up to 90°C up to 6 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