

Ninian Pipeline System

Background

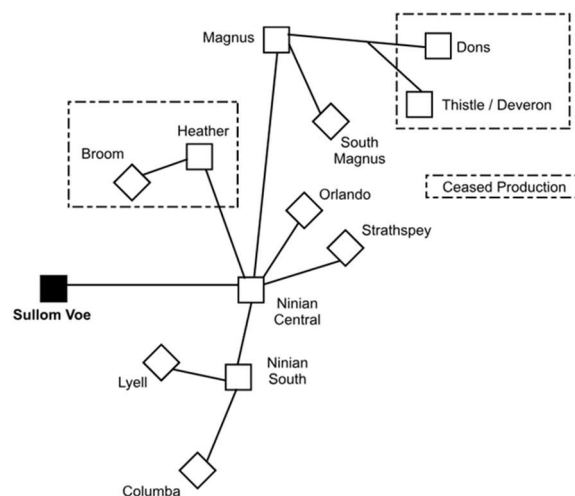
The 36-inch (36") diameter, 175 kilometre long Ninian Pipeline runs from CNR's Ninian Central Platform to the EnQuest operated Sullom Voe Terminal. The pipeline carries crude oil from the Ninian, Columba Terraces (Columba BD & Columba E), Orlando, Lyell, Strathspey and Magnus fields. A schematic of the fields connected to the pipeline is shown below.

The Ninian Pipeline System transports these fluids from the East Shetland Basin to Sullom Voe Terminal for processing and storage. After processing and separation, crude from the Ninian Pipeline is co-mingled with crude from the Brent Pipeline to create Brent Blend. The oil is then stored in the tanks on site prior to tanker loading and onward transport to market.

The pipeline has a maximum design capacity of 910,000bbls p/d and is operated by EnQuest Heather Limited on behalf of the owner companies. The Pipeline was laid in 1975/76 and received its first oil in October 1978.

In September 1990, a subsea isolation valve (SSIV) was installed in the pipeline, located 90 kilometres from the Ninian Central Platform. This provided additional security to the platform.

Standard production pigs are run at a targeted intervals for wax and water removal. As part of the on-going pipeline integrity management process, the line has been internally inspected on a regular basis from 1990 onwards using a Magnetic Flux Leakage intelligence pig. This is in addition to the scheduled maintenance and inspection programme.



















Characteristics

Location	From Ninian Central Platform (Block 3/3) to Sullom Voe Terminal (SVT)
Description	<p>36" diameter 175km long Ninian Pipeline System (NPS) runs from CNR's Ninian Central Platform to SVT. The pipeline carries crude oil from the following fields:</p> <ul style="list-style-type: none"> • Ninian • Columba BD • Columba E • Orlando • Lyell • Strathspey • Magnus
Owners	<ul style="list-style-type: none"> • EnQuest Heather Limited (Operator) 18.0511% • CNR International (UK) Ltd 63.3271% • Chevron North Sea Ltd 2.2601% • Total E&P UK Limited 16.3616%
Export Routes	Oil Tanker Loading of Brent Blend at SVT
Maximum Capacity	910,000bbls p/d

High Level Capacity Information

Volumes deliverable will depend on available SVT capacity, however the maximum pipeline capacity is 910,000bbls p/d.

SVT Processing Capacity	2021	2022	2023	2024	2025	
% Availability						 >25% Available Capacity  5% - 25% Available Capacity  <5% Available Capacity
Ninian Pipeline Ullage	2021	2022	2023	2024	2025	
Available Ullage						 >25% Available  5% - 25% Available  <5% Available

Contact Information

Prospective shippers, who are interested in receiving terms and conditions specific to their development, should please contact the NPS Commercial Advisor and cc the Midstream Business Manager by phone or in writing:

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