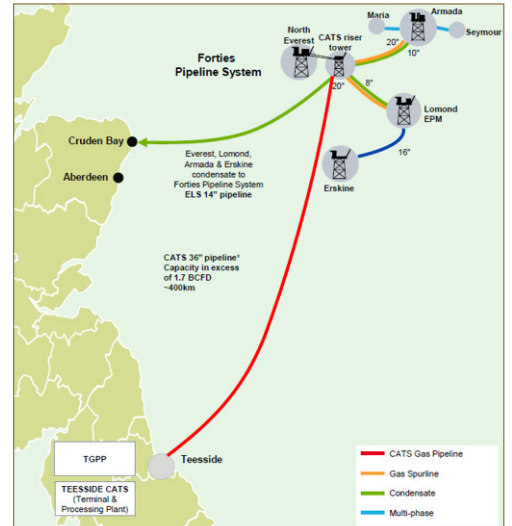
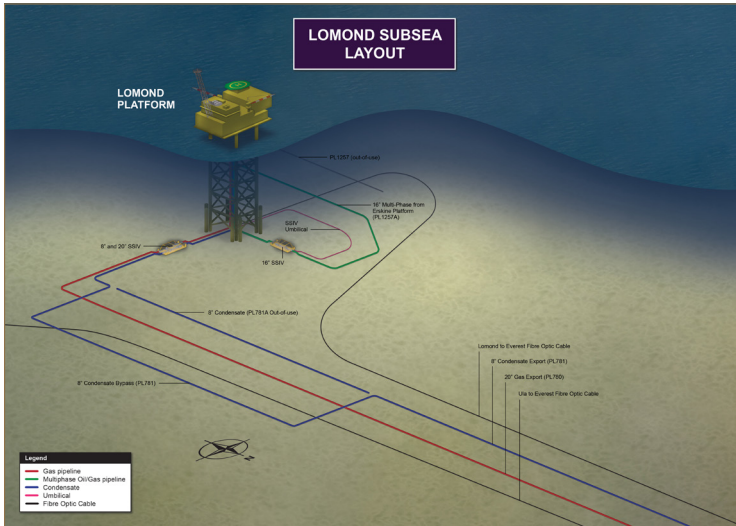




# CHRYSAOR Lomond



Four-legged braced steel jacket, a combined wellhead/production/quarters platform, processing gas and condensate from the Lomond and Erskine fields, and exported via infield pipelines to the CATS (Central Area Transmission System) Riser platform at North Everest, from where it is exported to Forties and onto the CATS Terminal at Teesside.

## KEY FACTS

Block	23/21a
Sector	Central North Sea
Approx distance to land	145 nautical miles east of Aberdeen
Water Depth	83.8M
Hydrocarbons Produced	Gas and condensate
Export Method	57.8km gas and condensate export pipeline from Lomond to CATS riser at North Everest. Thereafter, North Everest export condensate line to Forties pipeline to Cruden Bay and CATS gas export line to CATS Terminal at Teesside
Manned / Unmanned	Manned
Operated / Non-Operated	Operated
% of Chrysaor Equity	100%
First Production	July 1993
Accommodation On Board	63



## INFRASTRUCTURE INFORMATION

Entry Specification:	Produced fluids must be commercially free of odours, materials, sand and solids/fluids that might interfere or cause injury to the proper operation of the Lomond platform facilities; which for the avoidance of doubt shall include any material that would affect the merchantable value of Lomond products.
Exit Specification:	To meet the required specifications of the Central Area Transmission System (CATS) for export gas and the Forties Pipeline System (FPS) for export condensate.
Outline details of Primary separation processing facilities:	The Lomond platform has a single processing train for Lomond fluids, and the Erskine Processing Module (EPM) train which processes Erskine fluids. Initial stage separation for the Lomond process is through a two-phase vertical separator; initial stage separation for the EPM process is through a three-phase horizontal separator.
Outline details of gas treatment facilities:	For the Lomond process, a single gas train consisting of booster compression followed by TEG dehydration and export compression. A second parallel compression train has been positively isolated. For the EPM process, a single gas train consisting of TEG dehydration followed by export compression (with flash gas compression from the second stage separator).

## HIGH LEVEL CAPACITY INFORMATION

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years

### Available Capacities

● >25%    ● 5% to 25%    ● <5%    ● Unknown

Lomond process firm processing capacity available	Ullage as % of system capacity					Comment
	2018	2019	2020	2021	2022	
Oil export capacity	●	●	●	●	●	Lomond process - 10,000 bbl/day (oil processing and export)
Gas compression capacity	●	●	●	●	●	Lomond process - 65 mmscfd (at 22 barg suction); less at lower suction pressures
Gas export capacity	●	●	●	●	●	Lomond process - governed by compression
Gas lift capacity						Lomond process - none
Produced water handling capacity	●	●	●	●	●	Lomond process - 5,000 bbl/day
Dehydration capacity	●	●	●	●	●	Lomond process - governed by compression
H <sup>2</sup> S removal capacity						Lomond process - none
Water injection capacity						Lomond process - none
Erskine Production Module (EPM) firm processing capacity available	Ullage as % of system capacity					Comment
	2018	2019	2020	2021	2022	
Oil export capacity	●	●	●	●	●	EPM process - 16,000 bbl/day (oil processing and export)
Gas compression capacity	●	●	●	●	●	EPM process - 110 mmscfd (at 40 barg suction); more at higher suction pressures
Gas export capacity	●	●	●	●	●	EPM process - governed by compression
Gas lift capacity						EPM process - none
Produced water handling capacity	●	●	●	●	●	EPM process - 8,000 bbl/day
Dehydration capacity	●	●	●	●	●	EPM process - governed by compression
H <sup>2</sup> S removal capacity						EPM process - none
Water injection capacity						EPM process - none

## CONTACT INFORMATION

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