



Document Title: Frequently Asked Questions

1.0 LOCATION

Where is Nigg Oil Terminal?

Nigg Oil Terminal is located approximately 1.5km South West of the village of Nigg, 15km South of Tain and 56km North East of Inverness. The site is centred at National Grid Reference NH 79187 70435.

The site is bound to the North by Nigg Bay, to the East by the minor B9175 road, to the South by Nigg Energy Park and to the West by the Cromarty Firth.

The approaches, anchorages, and berth are shown on Admiralty chart UK1889.

Is Nigg Oil Terminal a Weather Port?

Nigg Oil Terminal is situated within a sheltered port with availability 24 hours per day 365 days per year.

I would like to visit Nigg Oil Terminal. How can I get there?

We are happy to facilitate visits to Nigg Oil Terminal from prospective customers. Please [contact](#) us to discuss your requirements.

The nearest airport to Nigg Oil Terminal is Inverness International Airport (<http://www.hial.co.uk/inverness-airport/>), which offers both taxi and rental car facilities. Nigg Oil Terminal is located approximately 70km from the airport.

Directions to Nigg Oil Terminal from Inverness Airport can be found [here](#). Please note that the Cromarty to Nigg ferry is no longer in operation and access to Nigg should be via the A9.

International flights can also be made to Aberdeen, Glasgow or Edinburgh airports. These airports are located approximately 3 – 4hrs drive from Nigg Oil Terminal.

I would like to visit Nigg Oil Terminal. Where should I stay?

The nearest small town is [Tain](#) and several hotels are available. Further accommodation is available further afield in [Dingwall](#) or [Inverness](#).

2.0 HEALTH, SAFETY AND ENVIRONMENT

Are all of the Nigg Oil Terminal tanks appropriately certified?

Yes. Full details of tank recertification dates can be supplied upon request. Please [contact](#) us to discuss your requirements.

Does Nigg Oil Terminal operate under a safety management system?

Nigg Oil Terminal is owned by Repsol Sinopec Resources UK Limited and operated by Wood Group PSN as dutyholder. The Terminal operates under the Wood Group safety management system. Further details, including a downloadable version of our Safety Policy, can be found [here](#).

Is Nigg Oil Terminal appropriately licensed and certified?

Yes. Nigg Oil Terminal is licensed by the Scottish Environmental Protection Agency under PPC Permit number PPC/A/1012611. Nigg Oil Terminal also holds an RSA permit number RSA/A/1132366.

Nigg Oil Terminal holds an Oil Transfer Licence for the ship to ship transfer of crude oil and have been assessed as fully compliant with the requirements noted in The Merchant Shipping (Ship-to-Ship Transfers) Regulations 2010/2012 paragraph 5s and 8, and in accordance with schedule 1 and 2 of the same.

Nigg Oil Terminal is also a COMAH Tier 1 site, regulated and inspected by the Health and Safety Executive.

3.0 PERMITS

What permits does Nigg Oil Terminal hold?

Nigg Oil Terminal is licensed by the Scottish Environmental Protection Agency under PPC Permit number PPC/A/1012611. Nigg Oil Terminal also holds an RSA permit number RSA/A/1132366.

Nigg Oil Terminal holds an Oil Transfer Licence for the ship to ship transfer of crude oil and have been assessed as fully compliant with the requirements noted in The Merchant Shipping (Ship-to-Ship Transfers) Regulations 2010/2012 paragraph 5s and 8, and in accordance with schedule 1 and 2 of the same.

4.0 JETTY CAPABILITY & CAPACITY

What is the maximum size of vessels that can be accommodated at the Nigg Oil Terminal Jetty?

The Jetty is designed to accept vessels within the following parameters:

- Maximum length overall 290 metres
- Minimum length overall 170 metres
- Maximum displacement 180,000 tonnes
- Dead-weight 30,000 tons to 150,000 tonnes

What is the Jetty availability at Nigg Oil Terminal?

We currently have good availability at the Nigg Oil Terminal Jetty and can receive and unload vessels promptly, reducing your overall tanker costs. Please [contact](#) us to discuss your requirements.

Is the Nigg Oil Terminal Jetty subject to weather restrictions?

Nigg Oil Terminal is a sheltered port and is not subject to weather restrictions.

5.0 SHIP TO SHIP CRUDE OIL TRANSFER

Is Nigg Oil Terminal appropriately licenced for ship-to-ship crude oil transfers?

Yes. Nigg Oil Terminal holds an Oil Transfer Licence for the ship to ship transfer of crude oil and have been assessed as fully compliant with the requirements noted in The Merchant Shipping (Ship-to-Ship Transfers) Regulations 2010/2012 paragraph 5s and 8, and in accordance with schedule 1 and 2 of the same.

What is the maximum size of vessels that can be accommodated at the Nigg Oil Terminal Jetty?

The Jetty is designed to accept vessels within the following parameters:

- Maximum length overall 290 metres
- Minimum length overall 170 metres
- Maximum displacement 180,000 tonnes
- Dead-weight 30,000 tons to 150,000 tonnes

Are there any weather limitations for Ship to Ship Transfers at Nigg Oil Terminal?

Berthing will not take place in winds in excess of 30 knots. Continued operations in any deteriorating weather will be discussed between the vessel masters and the terminal. A tug will be on location throughout the operation and available to assist maintaining position alongside.

Does Nigg Oil Terminal offer a re-fuelling service?

No refuelling service is available from the jetty. Any refuelling would require to be carried out by barge from the offshore side of the vessel.

Can Nigg Oil Terminal supply potable water?

Yes, potable water can be supplied by separate arrangement.

Can domestic waste be landed at Nigg Oil Terminal?

Yes, we can facilitate this via prior arrangement.

6.0 SLOPS WATER TREATMENT

What is the capacity of Nigg Oil Terminal for slops water storage?

Nigg Oil Terminal has two Ballast Water Tanks, each with capacity of 200,000 barrels (31,800m³).

How quickly can fluids be processed at Nigg Oil Terminal?

Maximum treatment rate for fluids via the Nigg Oil Terminal effluent treatment plant is 100m³ per hour, with the standard rate being 40-60m³ per hour

What is the treatment process at Nigg Oil Terminal?

From the Ballast Tanks separated produced water is gravity fed to the API Separator for primary treatment. Secondary treatment of the effluent is carried out by filtration through sand filters. The filtered effluent then passes to the bio-towers, via the bio-filter feed tank, for tertiary biological treatment. A further stage of tertiary treatment is carried out when the effluent is discharged to a settlement lagoon and finally to the storage lagoon.

Discharge of treated water is then to Cromarty Firth in compliance with a number of conditions on water quality and timings set out in the NOT PPC Permit. Hydrocarbons are recovered at each stage of the process and are ultimately exported as product with crude oil stored in COSTs.

Where does the waste end up?

Discharge of treated water is to Cromarty Firth (i.e. sea) in compliance with a number of conditions on water quality and timings set out in the NOT PPC Permit.

Is Nigg Oil Terminal a permitted waste treatment facility?

Yes. Nigg Oil Terminal is licensed by the Scottish Environmental Protection Agency under PPC Permit number PPC/A/1012611. Nigg Oil Terminal also holds an RSA permit number RSA/A/1132366.

What is the standard specification for slops at Nigg Oil Terminal?

The standard specification for slops acceptance at Nigg Oil Terminal is:

- H₂S (hydrogen sulphide) maximum 10 ppm
- SRB (Sulphur Reducing Bacteria) maximum 100 counts per ml by volume
- Methanol, Glycol and/or residual Biocide maximum 200 ppm by volume
- Solids maximum 0.1 pct by weight.

Meeting this criteria will guarantee acceptance, subject to tank and jetty capacity. Should you have any trouble in meeting one or more of these criteria please [contact](#) us to discuss your requirements as we are keen to investigate solutions which enable us to process non-standard slops parcels.

Slops containing any drilling related materials, including but not limited to, drilling muds cannot currently be accepted at Nigg Oil Terminal.

Can Nigg Oil Terminal treat marine vessel tank washings?

Yes, tank washings can be treated via the Nigg Oil Terminal effluent treatment process. We would require confirmation of any chemical within the washings and information on the previous three cargoes within the tank(s).

What information should we provide to Nigg Oil Terminal?

In order for us to process your enquiry as promptly as possible, we would be grateful for the following information:

- Vessel timings
- Anticipated volume of slops
- Confirmation that the fluids meet our standard specification (e.g. analysis reports, etc.)

How much will it cost to dispose of slops at Nigg Oil Terminal?

Doing business at Nigg Oil Terminal offers several advantages. Nigg is located conveniently for UKCS operators and removes the requirement for trans-frontier waste shipment. Port fees are attractive and, due to our sheltered port and fast turn-around for vessels we can help you minimise tanker costs.

Fees payable for slops handling are extremely competitive – please [contact](#) us on in order to discuss your requirements.

7.0 CRUDE OIL STORAGE

What is the capacity of the Nigg Oil Terminal Storage Tanks?

	Total Capacity (barrels)	Heel Capacity (barrels)	Working Capacity (barrels)
COST A	736,000	76,462	659,538
COST B	751,000	76,809	674,191

Note that the tank heel can be accessed and exported at the end of each storage contract.

Can the Crude Oil Storage Tanks at Nigg Oil Terminal be heated?

Yes. The Crude Tank Heaters are of the shell and tube design, operating in parallel configuration and can maintain either tank at the normal temperature of around 38°C at winter ambient temperature. Each COST is heated separately to prevent cross contamination of the contents. The tank contents are heated by re-circulating oil from the Crude Loading Pumps through the heaters. The heated crude is then returned to the tanks.

Are there facilities to condition crude oil at Nigg Oil Terminal?

Yes. Crude oil can be conditioned for export as an additional service. This would be charged for based upon any heating, chemical and/or manpower costs incurred.

Are there facilities to inject chemical into the Crude Oil Storage Tanks?

Yes. Chemicals can be injected into the tank when the contents are mixed. Previous chemical applications include injection of demulsifier and wax dispersant. This would be charged for based upon any heating, chemical and/or manpower costs incurred.

What is the maximum BS&W that Nigg Oil Terminal can receive?

Standard maximum BS&W is 2.0%, however Nigg Oil Terminal can safely accept higher amounts of water provided that an undertaking is made to make use of our crude oil conditioning service.

What is the pumping capacity of the Crude Oil Storage Tank load out pumps at Nigg Oil Terminal?

Four crude oil load out pumps are present each with capacity of 1985m³/hr

All four loading pumps can be used for emptying either COST however, to maintain crude segregation, pumps P-1101A/B are normally dedicated to COST A and P-1101 C/D to COST B. In the event of a technical failure, any of these pumps can be utilised.

Is there any planned maintenance to the Crude Oil Storage facilities which would result in the tanks being unavailable?

There is no planned maintenance which would result in the crude oil tanks being unavailable. All maintenance to associated equipment (such as pumps, heaters) will be planned around operations in order to eliminate disruption to our customers.

Are the Crude Oil Storage Tanks currently certified and when does the certification expire?

COST A is currently certified to 2019 and COST B to 2022.

Is Nigg Oil Terminal a Tax Warehouse?

Yes, Nigg Oil Terminal is designated as a registered tax warehouse. Further details can be supplied upon request.