

OCTOBER 2023

BAROSSA GAS DEVELOPMENT

GAS EXPORT PIPELINE INSTALLATION

Overview and Communications Plan

BAROSSA GAS DEVELOPMENT

The Barossa Gas Development, located approximately 285km offshore from Darwin in the Northern Territory, comprises a Floating Production Storage and Offloading (FPSO) facility, a subsea production system, supporting in-field subsea infrastructure and a gas export pipeline (GEP).

Once complete, the Barossa Gas Development will transport natural gas from the offshore Barossa field via the GEP to the existing Darwin liquefied natural gas (DLNG) plant. The development is expected to commence delivering natural gas in 2025.

Barossa gas is a critical energy source and will ensure affordable and reliable energy for Santos' customers for decades to come.

The Barossa Gas Development will create and sustain hundreds of jobs in the Northern Territory and will inject billions of dollars into the local economy, supporting the continued regional development of northern Australia.

The intent of this fact sheet, along with a weekly update during the activity period, is to meet the requirement under the accepted GEP Environment Plan for a Communications Plan.

GAS EXPORT PIPELINE (GEP)

The GEP is a 262km long, 26-inch diameter pipeline that will connect the Barossa field to the Darwin Pipeline Duplication (DPD) which, subject to government approvals, will be installed in 2024. Together these pipelines will transport natural gas from the Barossa field to the DLNG plant.

The GEP route was carefully selected to minimise impacts to the surrounding marine environment.

The pipeline will be made from carbon steel with an external anti-corrosion coating and concrete covering to weigh it down on the seabed. It will be installed in water depths ranging from 254m at the northern end to 34m at the southern end.

The pipeline has been designed and engineered in accordance with stringent international standards and to withstand the weather and currents that occur in the area. The pipeline will be installed and operated in a similar way to the other subsea pipelines currently in the area that have been operating safely for many years and supply gas to Darwin.

DEVELOPMENT TIMELINE



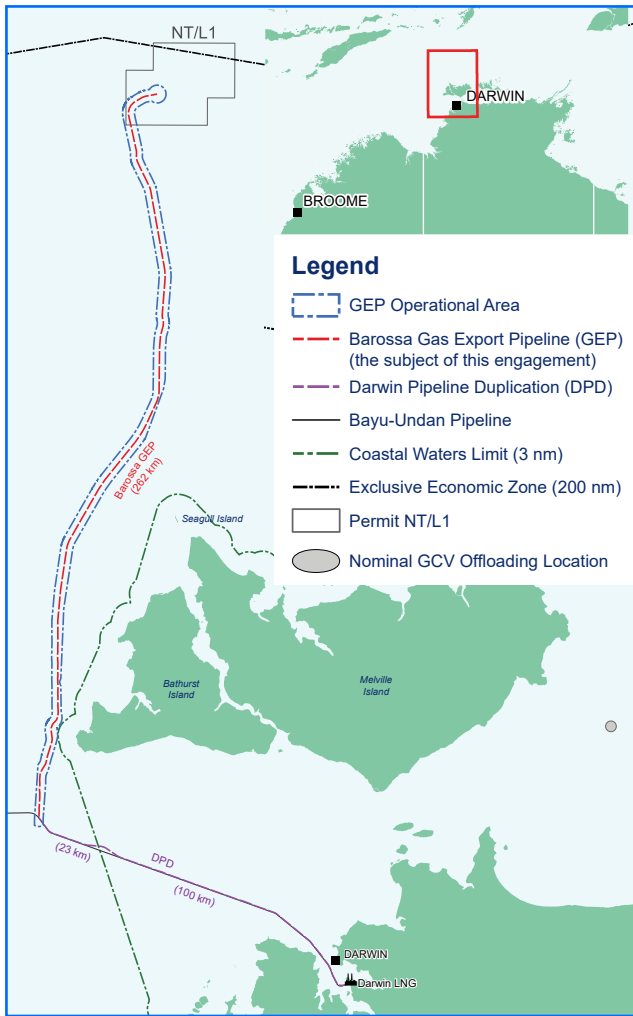
BAROSSA FACTS

600
CONSTRUCTION
JOBS

\$2.5 BILLION
NORTHERN
TERRITORY
INVESTMENT

350
OPERATIONAL
JOBS

262 KM
GAS EXPORT
PIPELINE + 123 KM
DARWIN PIPELINE
DUPLICATION



WHAT TO EXPECT DURING GAS EXPORT PIPELINE INSTALLATION

Santos has contracted Allseas to install the GEP. Allseas is a world-leading offshore pipelay contractor.

All activities will occur in accordance with National Offshore Petroleum Safety and Environmental Management Authority (NOPSEMA) accepted safety cases and Environment Plan, as well as other maritime regulations.

Allseas will use pipelay, construction, pipe supply, general cargo and supply vessels. In line with regular offshore processes, helicopters will also be used for crew transfers from Darwin to the pipelay vessel and other helideck-equipped vessels.

The installation activities will involve:

- Surveying the pipeline route, installing supporting structures (e.g. mattresses and pipeline end termination foundations), and providing pipelay and pre-commissioning support.
- Laying the pipeline starting 90km from the Barossa field and continuing south. The pipeline lay is slow, covering approximately three kilometres each day.
- Support vessels will supply linepipe from an anchored general cargo vessel (GCV), which is approximately 90m long, located north-east of Darwin.
- Once the pipeline has been installed it will be tested and preserved in readiness for future operations.

WHEN WILL INSTALLATION ACTIVITIES OCCUR?

In line with relevant approvals, vessels will arrive in Darwin in mid-October 2023 and commence offshore installation activities shortly after. Pipelay installation is expected to start in late-October, continuing for three to four months. Subsequent pipeline testing and preservation may take another two months. The total installation time is expected to be approximately five to six months, subject to operational and weather conditions.

HOW WILL VESSEL ACTIVITIES BE MANAGED?

Santos is aware of other marine users along the pipeline route and broader Darwin region and has planned its activities accordingly. Santos has engaged with marine users, has arranged pre-activity briefings and will provide weekly updates and a communication plan to active marine users. Weekly updates will commence two weeks prior to the offshore installation activities.

As is usual with offshore construction activities, a Notice to Mariners will be provided for the construction and pipeline vessel for the protection of all seafarers. Santos and Allseas are committed to ensuring the rights and activities of other marine users are not unduly compromised.

OUR ENVIRONMENT COMMITMENTS

Santos is committed to mitigating the environmental impacts that might result from our projects and operational activities.

Through our consultation, Santos worked with stakeholders to identify potential environmental impacts and has put in place measures to ensure these risks are managed to levels that are acceptable and as low as reasonably practicable. Activities only commence once relevant approvals have been granted.



CONTACT US

We are committed to ongoing engagement about our activities. If you require further information or would like to speak to us, please do not hesitate to contact us.

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