

Commonwealth of Australia

Published by the Commonwealth of Australia

Gazette GOVERNMENT NOTICES

COMMONWEALTH OF AUSTRALIA

Section 708

Offshore Petroleum and Greenhouse Gas Storage Act 2006

APPLICATION FOR GRANT OF A PIPELINE LICENCE – BAROSSA NEARSHORE GAS EXPORT PIPELINE

I, **STEVEN ROBERT TAYLOR**, the Delegate of the National Offshore Petroleum Titles Administrator, on behalf of the Commonwealth–Northern Territory Offshore Petroleum Joint Authority hereby give notice pursuant to section 708 of the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* that an application has been received from

> Santos NA Barossa Pty Ltd (ACN 109 974 932)

Santos Offshore Pty Ltd (ACN 005 475 589)

SK E&S Australia Pty Ltd (ACN 158 702 071)

JERA Barossa Pty Ltd

(ACN 654 004 387)

for the grant of a pipeline licence for the conveyance of petroleum in the offshore area of Northern Territory, as set out below.

A person may make a written submission to the Titles Administrator about this application within 30 days from the date of this notice.

This notice takes effect on the day in which it appears in the *Australian Government Gazette*.

Made under the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* of the Commonwealth of Australia.

STEVEN ROBERT TAYLOR DELEGATE OF THE TITLES ADMINISTRATOR ON BEHALF OF THE COMMONWEALTH-NORTHERN TERRITORY OFFSHORE PETROLEUM JOINT AUTHORITY

ROUTE OF THE PIPELINE

The pipeline route is described in the table hereunder and displayed in the attached map (Attachment 1), commencing at the tie-in spool at the face of the PLET Hub (PLET B) on the Barossa Gas Export Pipeline (Pipeline Licence NT/PL5) to the Commonwealth and NT Coastal Waters. Coordinates are based on Geodetic Datum of Australia (GDA94)/MGA Zone 52.

Feature Name	КР	Easting (mE)	Northing (mN)	Bend Radius (m)
Tie-in Spool at Face of PLET Hub* (PLET B)	262.215	598 781.5	8 670 772.5	
Face of PLET C Hub	0	598 748.4	8 670 737.9	
TP1A	5.154	601 806.6	8 666 588.7	
IP1		602 349.3	8 665 852.4	3000
TP1B	6.930	603 210.4	8 665 544.1	
TP2A	17.561	613 219.7	8 661 961.1	
IP2	—	614 445.8	8 661 522.1	10000
TP2B	20.151	615 743.4	8 661 411.9	
Commonwealth/NT Coastal Water Boundary	23.194	618 775.4	8 661 154.3	

*PLET Hub (PLET B) feature licenced under Pipeline Licence NT/PL5.

SPECIFICATIONS

Design and Construction

The offshore pipeline must be designed and constructed in accordance with Offshore Standard DNV-ST-F101 – Submarine Pipeline Systems (Offshore Pipeline), which is incorporated in its entirety in Australian Standard AS2885.4 – Pipelines, Gas and Liquid Petroleum (Part 4: Submarine Pipelines). Specifically, the design and construction phase of the pipeline must comply with DNVGL-ST-F101.

Basis of Design

The pipeline design is based on the following parameters:

Item	Item Description	Details
1	Outside diameter of pipe	26 inches (nominal)
2	Wall thickness of pipe	Tie-in Spool & PLET C: 23.6 mm and 26.0 mm Nearshore GEP: 19.9 mm
3	Length	Tie-in Spool and PLET C: 118m (approximate) Nearshore GEP: 23 km to Coastal Waters Boundary (approximate)
4	Design life	25 years (approximate)
5	Pipeline Material	Steel

6	Pipeline Steel Grade	DNV-ST-F101 Grade 450
7	Pipeline Specification	Tie-in Spool & PLET C: DNV SAWL 450 F D S U Nearshore GEP: DNV SAWL 450 F D S
8	Minimum yield strength of pipe steel	450 MPa
9	Maximum Allowable Incidental Pressure	20.8 MPa
10	Design Capacity	730 MMscf/d
11	Maximum Design Temperature	50°C
12	Minimum Design Temperature	0°C
13	Characteristics of substance proposed to be conveyed	Dehydrated natural gas
14	General plans and descriptions of pump stations, tank stations or valve stations and their equipment	N/A
15	General plans and description of pigging facilities	The pipeline is designed to enable operational inspection pigging to be performed, which is required based on a risk-based inspection regime.
		The riser base manifold is equipped with a full-bore connection point, isolated by two (2) 26" valves, to facilitate the installation and removal of a subsea pig launcher by diverless means.
		The riser base manifold, PLETs, spools and pipeline sections are designed to facilitate through pigging to onshore pig receipt facilities at DLNG.
16	Cathodic Protection	Aluminium-Zinc-Indium Anodes DNV-RP-F103
		Tie-in Spool & PLET C: Bracelet anodes Nearshore GEP: Typically spaced at 1 anode every six (6) pipe joints.
17	Hydrate Management	Hydrate management in the gas export pipeline is not required as the pipeline is classified as a dry gas pipeline.

ATTACHMENT 1



NEARSHORE GAS EXPORT PIPELINE ROUTE

