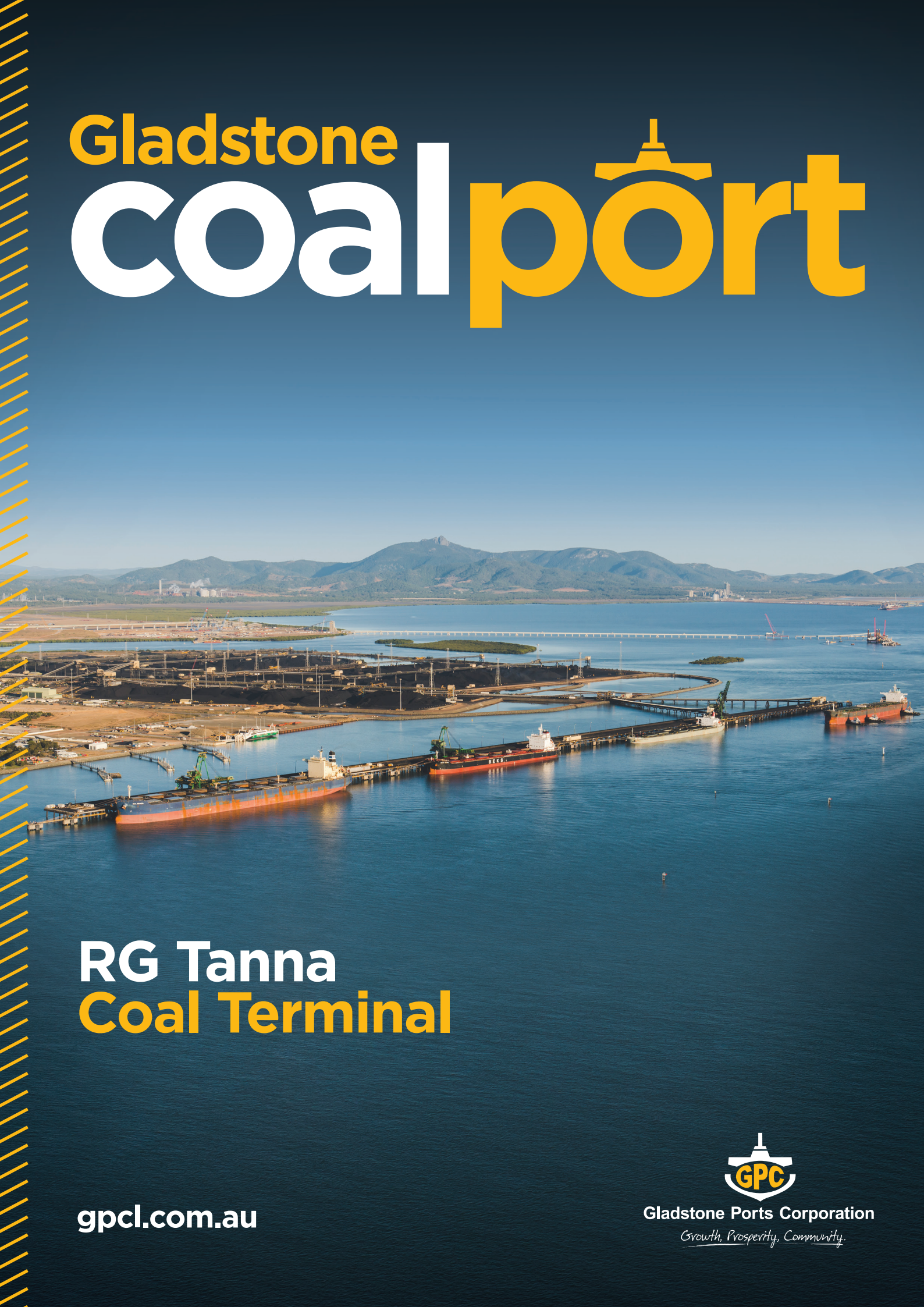
Gladstone coalport



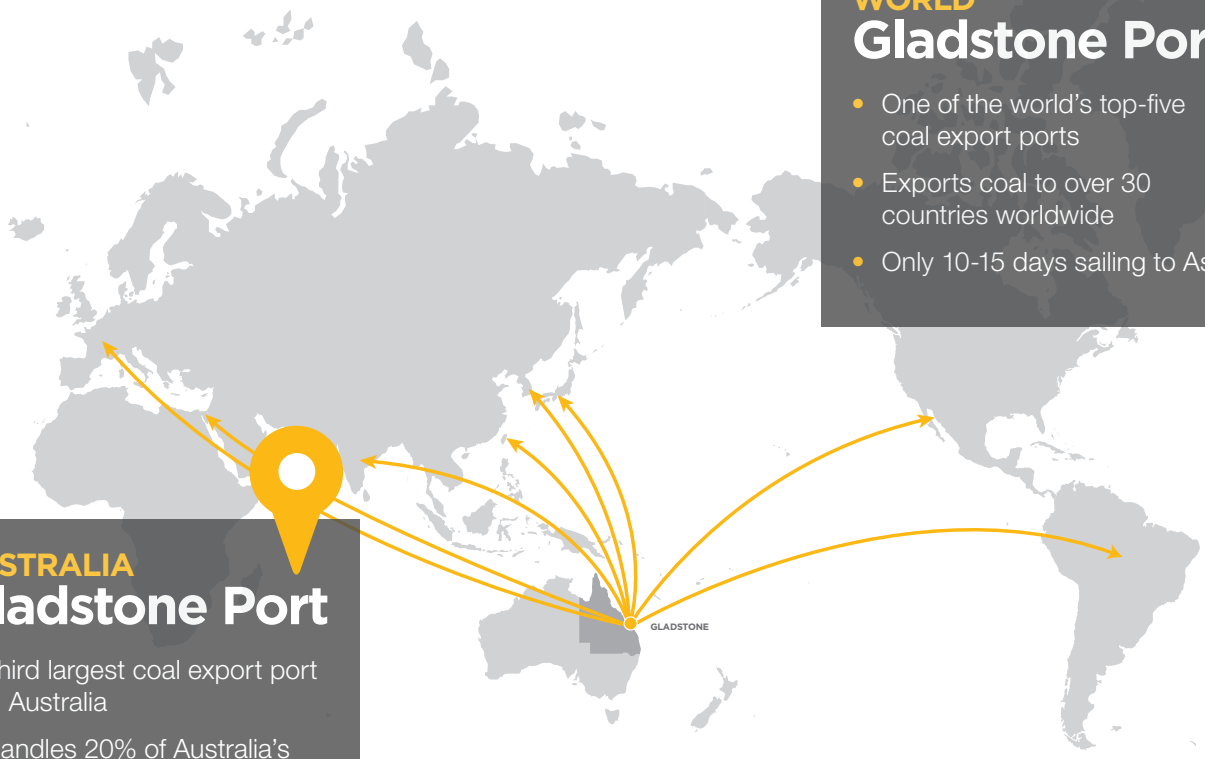
RG Tanna Coal Terminal

gpcl.com.au

Gladstone Ports Corporation

Growth, Prosperity, Community.

location



WORLD
Gladstone Port

- One of the world's top-five coal export ports
- Exports coal to over 30 countries worldwide
- Only 10-15 days sailing to Asia

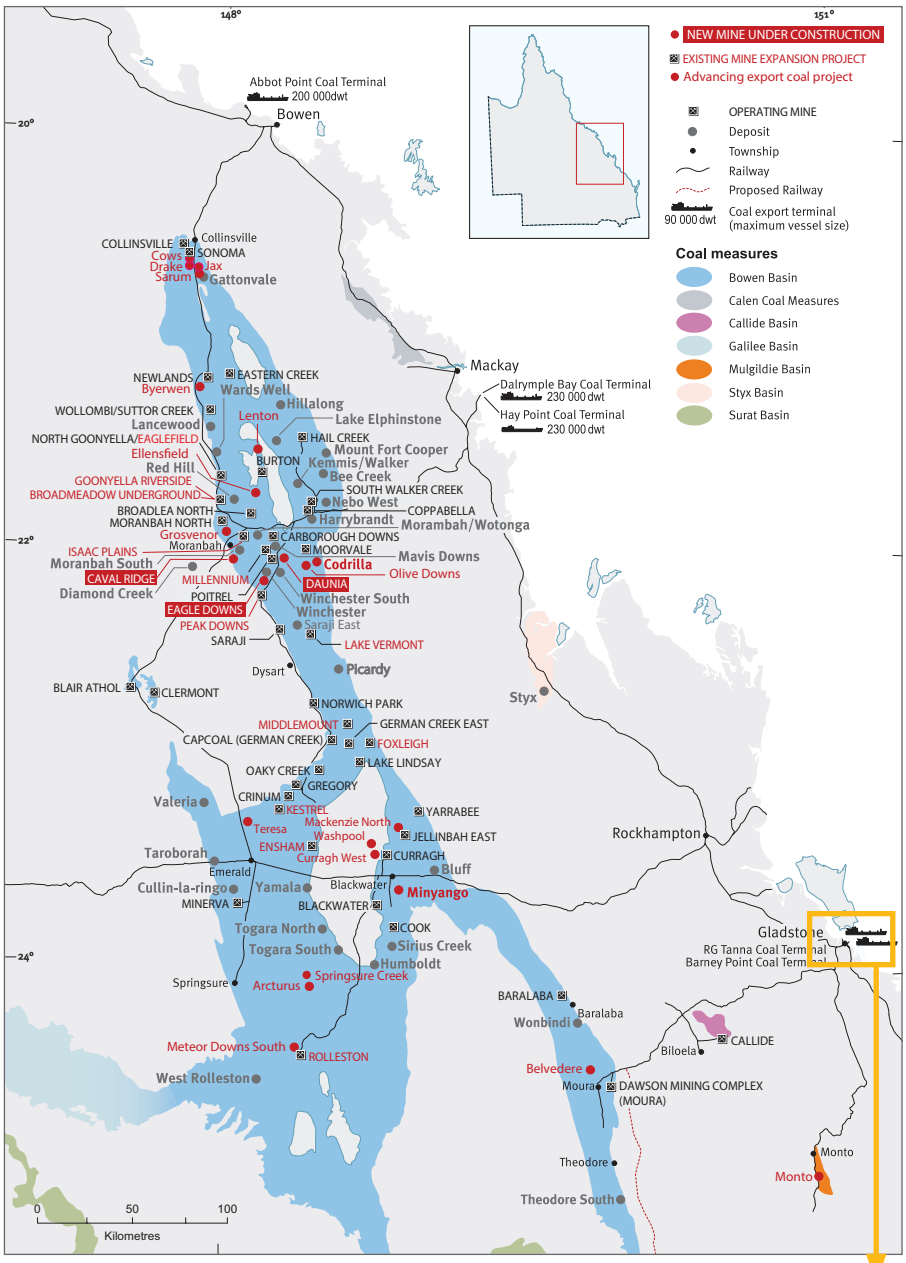
AUSTRALIA
Gladstone Port

- Third largest coal export port in Australia
- Handles 20% of Australia's coal exports

QUEENSLAND
Gladstone Port

- Queensland's largest coal export port in Queensland
- Handles 33% of Queensland's coal exports

Coal Resources & Infrastructure



QUEENSLAND Coal

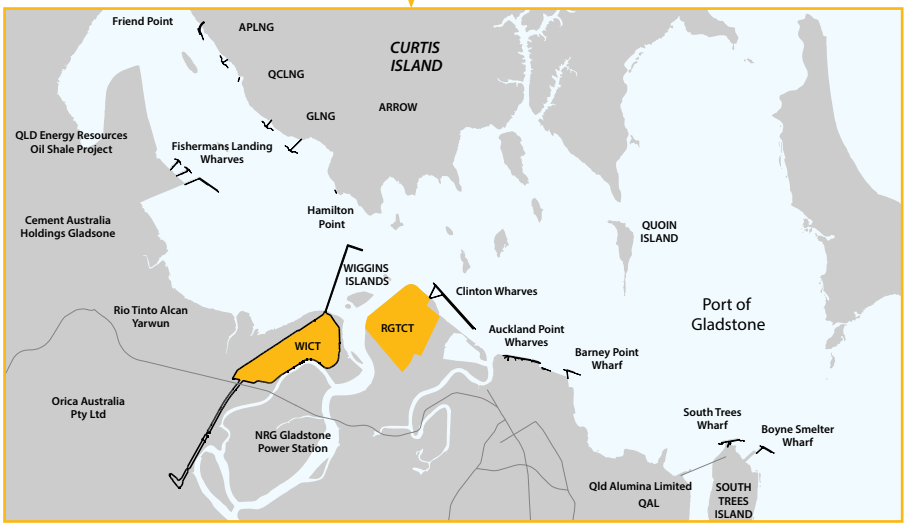
- Queensland - world's largest exporter of seaborne coal
- Approximately 30 billion tonnes of black coal resources
- All varieties of black coal – thermal, PCI, soft coking, coking, anthracite

RAIL Connection

- Aurizon and Pacific National – servicing the Blackwater, Goonyella, Newlands and Moura rail corridors
- Strategic network planning to meet future demand

Gladstone Port

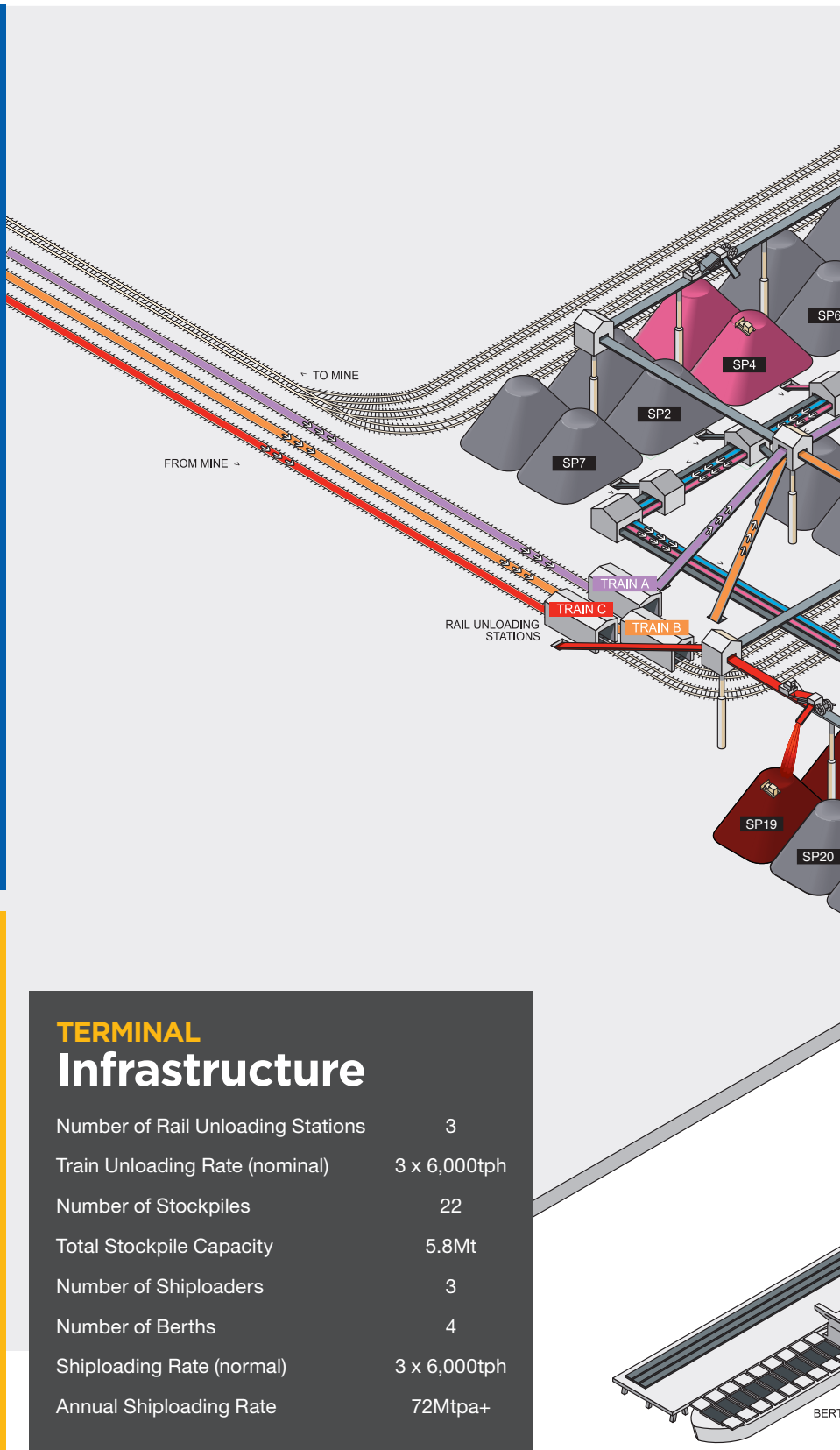
- Sheltered deepwater harbour
- Minimal weather delays
- Up to 220,000 DWT vessels
- Current coal export capacity in excess of 100Mtpa, exporting from RG Tanna Coal Terminal (RGTCT) and Wiggins Island Coal Terminal (WICT)



RG Tanna Coal Terminal

RG TANNA
Coal Terminal

- Owned and operated by Gladstone Ports Corporation
- Shareholder - Queensland Government
- Workforce of 700+ employees
- Operations commenced in 1980
- Handles coal from approximately 17 Central Queensland mines
- Over 40 varieties of coal handled
- Up to 220,000+ DWT vessels able to be loaded
- Quality assurance certification to AS/NZS ISO 9001:2008
- Extensive environmental dust and water management system
- Environmental AS/NZS ISO 14001:2004
- Sampling is undertaken during shiploading by a number of sampling companies

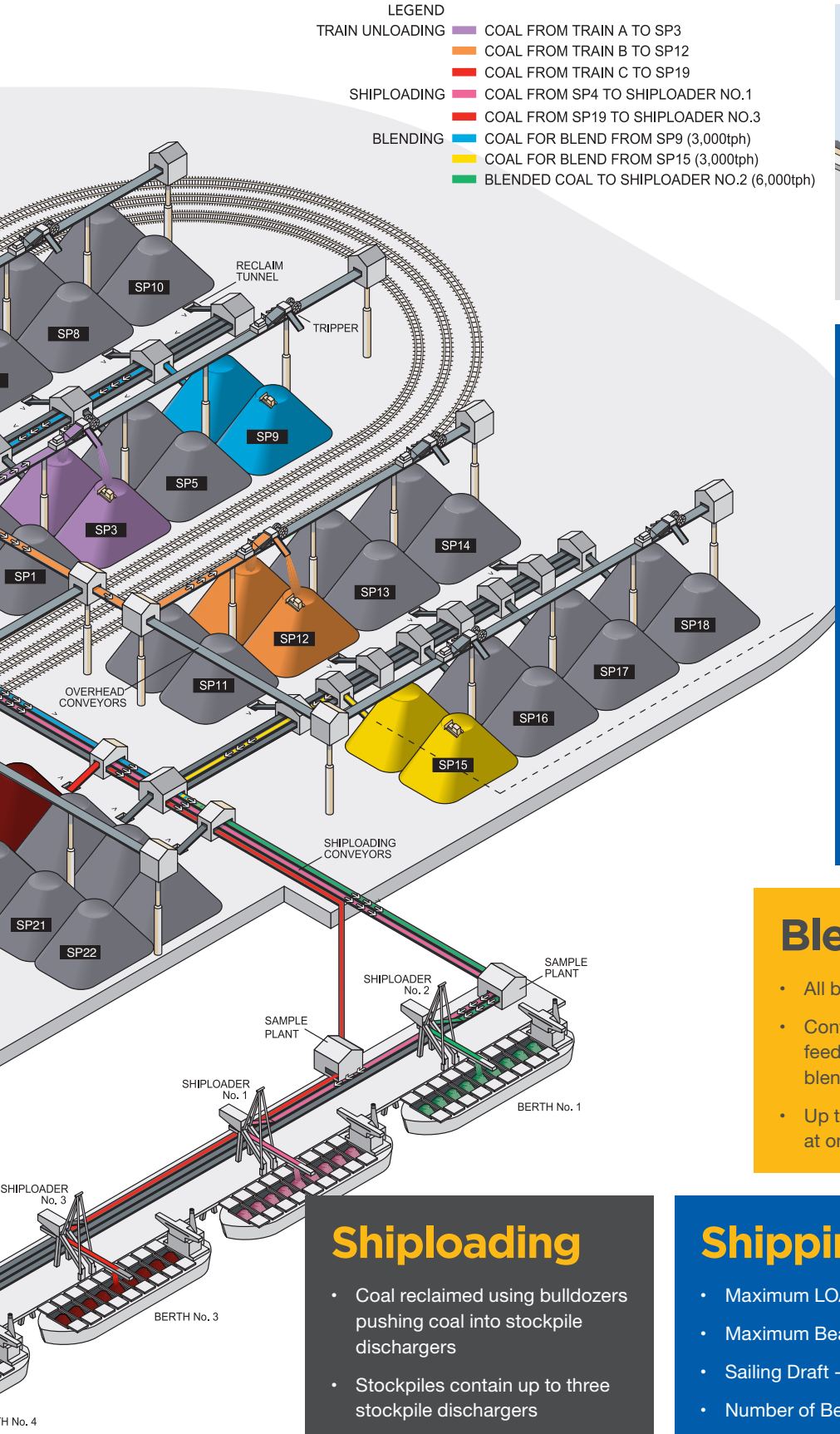


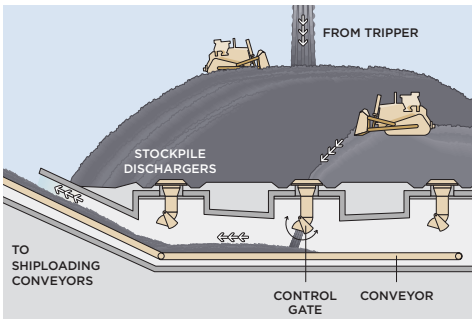
Train Unloading

- Three trains unloaded simultaneously at 6,000tph each
- Automatic wagon door opening system
- Bottom dump wagons discharge coal into underground feeders
- Coal transferred to overhead conveyor system

TERMINAL
Infrastructure

Number of Rail Unloading Stations	3
Train Unloading Rate (nominal)	3 x 6,000tph
Number of Stockpiles	22
Total Stockpile Capacity	5.8Mt
Number of Shiploaders	3
Number of Berths	4
Shiploading Rate (normal)	3 x 6,000tph
Annual Shiploading Rate	72Mtpa+





STOCKPILE CROSS-SECTION

Stockpiling

- Coal directed from overhead conveyor to stockpile via tripper
- Bulldozers (D11) form and maintain stockpiles
- 22 stockpiles = 5.8Mt total storage capacity

Blending

- All blending undertaken during shiploading
- Control gates on stockpile discharges allow feed rates to be controlled to meet required blend rates
- Up to five (5) varieties of coal can be blended at one time

Shiploading

- Coal reclaimed using bulldozers pushing coal into stockpile dischargers
- Stockpiles contain up to three stockpile dischargers
- Three vessels loaded simultaneously at 6,000tph each

Shipping

- Maximum LOA - 315m
- Maximum Beam - 55m
- Sailing Draft - 17.0m and up to 18.0m dependent on tide
- Number of Berths - 4
- Wharf Length - 1,491m
- Berth Depth (LAT) - 18.0m

Gladstone Ports Corporation

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