

Moura System

Summary Sheet

Version 7.0
March 2017

General Information

The Moura System is located in Central Queensland between the latitudes 23°50' S and 24°54' S and longitudes 149°58' E and 151°15' E.

The system services the industrial and rural communities of the Dawson and Callide Valleys in Central Queensland with all trains being hauled by diesel electric locomotives. Product is hauled to the export facilities at R G Tanna Terminal, Auckland Point and Barney

Point or to intrastate destinations via the North Coast Line.

The port facilities at R G Tanna, Auckland Point and Barney Point are under the control of the Central Queensland Ports Authority.

Callemondah Yard, Powerhouse and R G Tanna balloon loops are electrified by a autotransformer system with the overhead line equipment operating at 25 000 volts, 50 Hertz, alternating supply (25 kV, 50 Hz, ac).

Trains destined for R G Tanna or the Powerhouse travel via the Byellee

flyover, through Callemondah Yard which is part of the Blackwater System and therefore under live overhead wires.

Trains destined for Barney Point and Auckland Point travel via the Moura Short Line which is electrified as are Barney Point and Auckland Point.

The Moura System is single line with passing loops. There are balloon loops at Boundary Hill, Callide Coalfields and Moura Mine.

Description of the Railway

The track (1067 mm gauge) on the main trunk route from Byellee Flyover to Moura Mine is generally 60 kg/m rail with concrete sleepers.

Based on the improved asset intelligence provided as a result of the Network Asset Management System, the following new totals are provided for this system. The linear data is accurate to sub-meter distances.

Asset Type	Length / Total
Total Track	315.094 km (Includes yards, sidings & passing loops)
Duplicated Track	0.000 km
Passing Loops	25.111 km (14 Passing Loops)
Sidings	2.048 km (11 Sidings)
Electrified Track	13.700 km (Includes yards, sidings & passing loops)
Access Roads	216.797 km (Including Left and Right side of track)
Level Crossings	149 Crossings
Lubricators	22 Sites
Crew Change Facilities	44 Sites
Turnouts	128 Turnouts (Mainline & Yards)

