

Notice Type: Route Access Condition Notice

Subject Title: Trial of distributed power Coal train between Tahmoor to Unanderra

Operator(s): Aurizon

Effective From: 06/03/2024 **Effective To:** 06/03/2025

Reference Documents:

Route Access Standard: RAS General Information

TOC Manual: Section 10 Locomotive and Rolling Stock Data

General Details / Operating Condition:

A Waiver to the conditions of the Route Access Standard (RAS) is issued for a wired distributed power (WDP) coal train trial from Tahmoor via Moss Vale to Unanderra.

Operating conditions during the test shall be as follows:

1. The train shall consist of up to 44 individual wagons.
2. Allowable wagons and loading: QHAH / QHBH coal hoppers are permitted to be **loaded to a maximum of 100T** gross vehicle mass.
3. Locomotives used for the trial are 6000, 6020, ACD & CF class permitted to operate in distributed power configuration Loco – 44 x QHAH / QHBH wagons - Loco.
4. There shall be no mixing of empty and loaded (or part loaded) wagons in the consist
5. The train shall be operating in ECP and WDP mode.
6. WDP operation shall be in synchronous mode only.
7. Routine ECP/WDP functionality testing shall be carried out prior to service.
8. The use of dynamic brake (DB) when the remote locomotive is idle or dead attached shall be prohibited.
9. Aurizon will have a recovery plan in place in the event of a train failure during this trial.
10. Between Tahmoor and Summit Tank the published section speeds shall be adhered.

Specific Operating Conditions for the Summit Tank to Port Kembla route

11. The use of DB is permitted and the descent speed from Summit Tank to Unanderra shall not exceed 25 km/h.
12. The train shall be brought to a stand if the train speed exceeds 30 km/h or more than 50% of train brake command (TBC) is required to hold train speed.

Approval:

Approved by: Carlyne Southern –Operations Standards Manager

Date: 05/03/2024