

Transport
for NSW

NSW Trains

Annual Rolling Stock Performance Report

Jan 2021 – Dec 21

February 2022

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Introduction

NSW Trains (operating as NSW TrainLink) under the terms of its Environment Protection Licence (EPL 21369) R4.2, is required to prepare and publish an Annual Rolling Stock Performance report for the previous calendar year (1 January to 31 December). This report includes:

- a) The number of locomotives operated by NSW Trains, that underwent a major engine overhaul (as defined by the NSW EPA) in the calendar year and for each locomotive:
 - i. the unique identification number of the locomotive
 - ii. details of the class, type/model, the engine manufacturer, and engine model
 - iii. the date of the major engine overhaul
- b) details of all locomotives identified under Condition M5.3 (e) and a summary of the noise mitigation measures in the plan of management required by Condition M5.3(e) that were undertaken and completed during the calendar year.

The locomotive class included in this report are:

Intercity Fleet:

- ✓ Hunter Rail Car
- ✓ Endeavour Car

Regional Fleet:

- ✓ Xplorer
- ✓ XP (XPT)



Image of a Hunter Rail Car approved for operation on the NSW Licensed Rail Network 15 August 2006.

2021 Annual Rolling Stock Performance Report

								In Service locomotive noise testing (Endeavour, Xplorer and Hunter) Where the noise measurements obtained under Condition M5.3(a) exceed the limits in Condition L3.5 by more than 5dB and/or exhibit tonality in accordance with Condition L3.6, provide details of the management plan below:			
Locomotive Class	Locomotive Identification Number	Type/Model	Engine Manufacturer	Engine Model	Serial Number	Date of Major Engine Overhaul	Date of Remanufactured Engine Install	Proposed feasible and reasonable noise mitigation measures to reduce noise emissions from the locomotive to comply with Conditions L3.5 and L3.6	Timeframe to implement noise mitigation measures	Date Mgmt. Plan submitted for EPA Approval	Date plan approved by the EPA
ENDEAVOUR	2862	TRACTION	CUMMINS	KTA19R	33900072	16/10/2021	13/12/21	NA	NA	NA	NA
ENDEAVOUR	2861	TRACTION	CUMMINS	KTA19R	33900064	07/01/2021	3/3/21	NA	NA	NA	NA
ENDEAVOUR	2860	TRACTION	CUMMINS	KTA19R	33900067	28/03/2021	20/5/21	NA	NA	NA	NA
ENDEAVOUR	2858	TRACTION	CUMMINS	KTA19R	33900042	14/01/2021	16/3/21	NA	NA	NA	NA
ENDEAVOUR	2855	TRACTION	CUMMINS	KTA19R	33900070	15/03/2021	24/6/21	NA	NA	NA	NA
ENDEAVOUR	2853	TRACTION	CUMMINS	KTA19R	33900038	03/03/2021	20/4/21	NA	NA	NA	NA
ENDEAVOUR	2852	TRACTION	CUMMINS	KTA19R	33900079	20/04/2021	23/8/21	NA	NA	NA	NA
ENDEAVOUR	2812	TRACTION	CUMMINS	KTA19R	33900071	30/01/2021	29/3/21	NA	NA	NA	NA
ENDEAVOUR	2809	TRACTION	CUMMINS	KTA19R	33900023	14/08/2021	5/11/21	NA	NA	NA	NA
ENDEAVOUR	2808	TRACTION	CUMMINS	KTA19R	33900083	23/06/2021	6/8/21	NA	NA	NA	NA
ENDEAVOUR	2806	TRACTION	CUMMINS	KTA19R	33900088	19/05/2021	6/9/21	NA	NA	NA	NA
ENDEAVOUR	2805	TRACTION	CUMMINS	KTA19R	33900063	15/02/2021	10/5/21	NA	NA	NA	NA
XPLORER	2525	TRACTION	CUMMINS	KTA19R	33900101	09/05/2021	16/8/21	NA	NA	NA	NA
XPLORER	2517	TRACTION	CUMMINS	KTA19R	33900058	05/10/2021		NA	NA	NA	NA
XPLORER	2512	TRACTION	CUMMINS	KTA19R	33900041A	11/12/2021		NA	NA	NA	NA
XPLORER	2508	TRACTION	CUMMINS	KTA19R	33900069	22/08/2021	6/10/21	NA	NA	NA	NA
XPLORER	2503	TRACTION	CUMMINS	KTA19R	33900050	05/08/2021	2/11/21	NA	NA	NA	NA
ENDEAVOUR	2862	AUXILIARY	CUMMINS	LT10RG	23542557	12/02/2021	7/4/21	NA	NA	NA	NA
ENDEAVOUR	2857	AUXILIARY	CUMMINS	LT10RG	23540537	23/03/2021	7/6/21	NA	NA	NA	NA
ENDEAVOUR	2856	AUXILIARY	CUMMINS	LT10RG	23541861	07/06/2021		NA	NA	NA	NA
ENDEAVOUR	2855	AUXILIARY	CUMMINS	LT10RG	23540056	17/10/2021	16/11/21	NA	NA	NA	NA

Total Number of Locomotives that underwent a Major Engine Overhaul between 1 January 2021 to 31 December 2021: 41

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Locomotive Class	Locomotive Identification Number	Type/Model	Engine Manufacturer	Engine Model	Serial Number	Date of Major Engine Overhaul	Date of Remanufactured Engine Install	Proposed feasible and reasonable noise mitigation measures to reduce noise emissions from the locomotive to comply with Conditions L3.5 and L3.6	Timeframe to implement noise mitigation measures	Date Mgmt. Plan submitted for EPA Approval	Date plan approved by the EPA
ENDEAVOUR	2852	AUXILIARY	CUMMINS	LT10RG	23541251	28/09/2021	16/11/21	NA	NA	NA	NA
ENDEAVOUR	2813	AUXILIARY	CUMMINS	LT10RG	23548755	05/08/2021	19/10/21	NA	NA	NA	NA
ENDEAVOUR	2808	AUXILIARY	CUMMINS	LT10RG	23540182	05/12/2021		NA	NA	NA	NA
ENDEAVOUR	2807	AUXILIARY	CUMMINS	LT10RG	23517154	08/03/2021	29/4/21	NA	NA	NA	NA
ENDEAVOUR	2802	AUXILIARY	CUMMINS	LT10RG	23548800	16/11/2021		NA	NA	NA	NA
ENDEAVOUR	2801	AUXILIARY	CUMMINS	LT10RG	23541852	13/12/2021		NA	NA	NA	NA
XPLORER	2526	AUXILIARY	CUMMINS	LT10RG	23541437	07/06/2021	6/8/21	NA	NA	NA	NA
XPLORER	2522	AUXILIARY	CUMMINS	LT10RG	23540906	09/09/2021	14/12/21	NA	NA	NA	NA
XPLORER	2514	AUXILIARY	CUMMINS	LT10RG	23542512	22/04/2021	21/6/21	NA	NA	NA	NA
XPLORER	2506	AUXILIARY	CUMMINS	LT10RG	23539421	28/01/2021	1/11/21	NA	NA	NA	NA
XPLORER	2505	AUXILIARY	CUMMINS	LT10RG	23542233	29/04/2021	8/6/21	NA	NA	NA	NA
Hunter Rail Car	2757	APSU	CUMMINS	401152		3/06/2021	15/9/21	NA	NA	NA	NA
Hunter Rail Car	2757	QSK-19	CUMMINS	3721278		24/12/2020	18/5/21	NA	NA	NA	NA
XPT Power car	XP2005	VP185	PAXMAN		70615	13/01/2021	29/3/21	NA	NA	NA	NA
XPT Power car	XP2010	VP185	PAXMAN		70617	29/03/2021	21/7/21	NA	NA	NA	NA
XPT Power car	XP2009	VP185	PAXMAN		70611	10/05/2021	24/8/21	NA	NA	NA	NA
XPT Power car	XP2015	VP185	PAXMAN		70605	21/07/2021	24/9/21	NA	NA	NA	NA
XPT Power car	XP2018	VP185	PAXMAN		70613	10/08/2021	20/10/21	NA	NA	NA	NA
XPT Power car	XP2008	VP185	PAXMAN		70602	24/08/2021	21/11/21	NA	NA	NA	NA
XPT Power car	XP2012	VP185	PAXMAN		70603	24/09/2021		NA	NA	NA	NA

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