

NI Railways Rail Services Division	DIVISIONAL MANAGEMENT PROCEDURE NI RAILWAYS VEHICLE REGISTER	R/RS/DMP/014	
		Issue:	3.0
		Date:	May 16

DIVISIONAL MANAGEMENT PROCEDURE

NI RAILWAYS VEHICLE REGISTER

1ST MAY 2016



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REVISION HISTORY

This document will be revised as necessary by the issue of amended pages and these will be recorded in the revision history. Revised or additional pages will be marked with a black line in the left hand margin. Where the document is updated by the issue of a complete replacement, the issue number will be changed and no black line will be shown.

Date	Issue / Revision	Page(s)	Detail of Amendment	Amended By
01 Mar 09	1.0	All	New Format	Richard Noble
01 Feb 13	2.0	All	Revision of Vehicles	Richard Noble
01 Jun 13	2.1	9	Amendment of Class 4000 Seat Numbers	Richard Noble
		14	Update of RPSI Approvals	
01 May 16	3.0	All	Revision of Circulation and update of Guest Approvals	Richard Noble

Circulation List

Chief Operating Officer	P. O'Neill
General Manager – Engineering	I. Campbell
Infrastructure Executive	C. Bradberry
Head of Rail Fleet Engineering	R. Noble
Head of Network Operations and Safety	R. Knox
Head of Operations Standards & Compliance	G. Cooley
Planning & Performance Manager	M. Welshman
Department of Infrastructure Northern Ireland	

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1.0 NI Railways Vehicle Register Information

Schedule 1

Provides information (Vehicle Identification No, date of build) for vehicles owned by NI Railways and authorised to operate on NI Railways Controlled Infrastructure.

Schedule 2

Guest Approvals

2.0 Entities Responsible for the Vehicle

NI Railways is owner, keeper, and entity in charge of maintenance for all of its vehicles as identified in Schedule 1

Name of the organisation	Northern Ireland Railways Company Limited
Registered business number	NI006929
Street and number	3 Milewater Road
Town	Belfast
Country Code	GB, GBR
Post code	BT3 9BG

2.1 Location of NI Railways Maintenance Facility

Street and number	1 York Road
Town	Belfast
Country Code	GB, GBR
Post code	BT15 3RP

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Schedule 1

Schedule 1.1 Locomotives

Class 110 Locomotives

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

'Co-Co' type locomotive built by General Motors USA to Irish Rail Class 071 specification. Powered by a GM 2475bhp engine.

Maximum Speed: 90mph (144kph)
 Year of Build: 1981-1984
 AWS Fitted: Yes
 CAWS Fitted: Yes
 TPWS Fitted: Yes
 OTMR Fitted: Yes

Utilised for Infrastructure operations.

No.	Make	Type	Class	Date Built
8111	General Motors	JT22CW	110	1980
8112	General Motors	JT22CW	110	1980
8113	General Motors	JT22CW	110	1984

Class 201 Locomotives

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: Irish Rail

'Co-Co' type locomotive built by General Motors Canada powered by a GM3200bhp engine.

Maximum Speed: 90mph (144kph)
 Year of Build: 1995
 AWS Fitted: Yes
 CAWS Fitted: Yes
 TPWS Fitted: Yes
 OTMR Fitted: Yes

Operates in conjunction with Enterprise De-Dietrich coaching stock in push/pull mode on Belfast to Dublin service.

No.	Make	Type	Class	Date Built
8208	General Motors	JT42HCW	201	1995
8209	General Motors	JT42HCW	201	1995

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Schedule 1.2 Enterprise Loco Hauled Coaches

Class 9000

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

Built by Alstom De-Dietrich Ferroviare France for the Enterprise Cross Border Service. NIR owns half of the fleet comprising:

8 x Open Standards
 2 x Catering Cars
 2 x Open First
 2 x Driving Trailer Brake Open Firsts
 Maximum Speed: 90mph (144kph)
 Seating Capacity: 393 (per 7 coach train)
 Year of Build: 1996
 AWS Fitted: Yes (DVT)
 CAWS Fitted: Yes (DVT)
 TPWS Fitted: Yes (DVT)
 OTMR Fitted: Yes (DVT)

Coach Number	12 Digit Number	Class	Year Built	No of Seats
9002	50 70 8090 020-6	DVT 1st Class	1996	30 + 2 tip up
9004	50 70 8090 040-4	DVT 1st Class	1996	30 + 2 tip up
9202	50 70 2892 020-9	Standard Class	1996	71
9204	50 70 2892 040-7	Standard Class	1996	71
9206	50 70 2892 060-5	Standard Class	1996	71
9208	50 70 2892 080-3	Standard Class	1996	71
9210	50 70 2892 100-9	Standard Class	1996	71
9212	50 70 2892 120-7	Standard Class	1996	71
9214	50 70 2892 140-5	Standard Class	1996	71
9216	50 70 2892 160-3	Standard Class	1996	71
9102	50 70 1891 020-2	1st Class	1996	47
9104	50 70 1891 040-0	1st Class	1996	47
9402	50 70 8894 020-4	Catering	1996	-
9404	50 70 8894 040-2	Catering	1996	-

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Generator Van

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

Maximum Speed: 90mph (144kph)
 Year of Build: 1983
 AWS Fitted: N/A
 CAWS Fitted: N/A
 TPWS Fitted: N/A
 OTMR Fitted: N/A

Operates in conjunction with Enterprise De-Dietrich coaching stock on Belfast to Dublin service.

Coach Number	12 Digit Number	Class	Year Built	No of Seats
9602	55 70 8996 020-6	Mk III	1983	-
9604	55 70 8996 040-4	Mk III	1983	-
9606	55 70 8996 060-2	Mk III	1983	-
9608	55 70 8996 080-0	Mk III	1983	-

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Schedule 1.3 Class 3000

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

3-car Diesel Multiple Unit built by CAF, Spain. Comprising two Driving Motor (DM) vehicles and one Trailer Motor (TM) vehicle per unit:

Maximum Speed: 90mph (144kph)
 Seating Capacity: 200 (per 3-car unit)
 Year of Build: 2004/2005
 AWS Fitted: Yes
 CAWS Fitted: Yes (Units 3001 – 3006 only)
 TPWS Fitted: Yes
 OTMR Fitted: Yes

Unit No	Year Built	DM1 Vehicle	Seats	TM Vehicle	Seats	DM2 Vehicle	Seats
3001	2004	3301	58	3501	78	3401	64
3002	2004	3302	58	3502	78	3402	64
3003	2004	3303	58	3503	78	3403	64
3004	2005	3304	58	3504	78	3404	64
3005	2004	3305	58	3505	78	3405	64
3006	2004	3306	58	3506	78	3406	64
3007	2005	3307	58	3507	78	3407	64
3008	2005	3308	58	3508	78	3408	64
3009	2005	3309	58	3509	78	3409	64
3010	2005	3310	58	3510	78	3410	64
3011	2005	3311	58	3511	78	3411	64
3012	2005	3312	58	3512	78	3412	64
3013	2005	3313	58	3513	78	3413	64
3014	2005	3314	58	3514	78	3414	64
3015	2005	3315	58	3515	78	3415	64
3016	2005	3316	58	3516	78	3416	64
3017	2005	3317	58	3517	78	3417	64
3018	2005	3318	58	3518	78	3418	64
3019	2005	3319	58	3519	78	3419	64
3020	2005	3320	58	3520	78	3420	64
3021	2005	3321	58	3521	78	3421	64
3022	2005	3322	58	3522	78	3422	64
3023	2005	3323	58	3523	78	3423	64

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Schedule 1.4 Class 4000

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

3-car Diesel Multiple Unit built by CAF, Spain. Comprising two Driving Motor (DM) vehicles and one Trailer Motor (TM) vehicle per unit:

Maximum Speed: 90mph (144kph)
 Seating Capacity: 212 (per 3-car unit)
 Year of Build: 2011/12
 AWS Fitted: Yes
 CAWS Fitted: No
 TPWS Fitted: Yes
 OTMR Fitted: Yes

Unit No	Year Built	DM1 Vehicle	Seats	TM Vehicle	Seats	DM2 Vehicle	Seats
4001	2011	4301	71	4501	60	4401	71
4002	2011	4302	71	4502	60	4402	71
4003	2011	4303	71	4503	60	4403	71
4004	2011	4304	71	4504	60	4404	71
4005	2011	4305	71	4505	60	4405	71
4006	2011	4306	71	4506	60	4406	71
4007	2011	4307	71	4507	60	4407	71
4008	2011	4308	71	4508	60	4408	71
4009	2011	4309	71	4509	60	4409	71
4010	2011	4310	71	4510	60	4410	71
4011	2011	4311	71	4511	60	4411	71
4012	2011	4312	71	4512	60	4412	71
4013	2011	4313	71	4513	60	4413	71
4014	2011	4314	71	4514	60	4414	71
4015	2011	4315	71	4515	60	4415	71
4016	2011	4316	71	4516	60	4416	71
4017	2012	4317	71	4517	60	4417	71
4018	2012	4318	71	4518	60	4418	71
4019	2012	4319	71	4519	60	4419	71
4020	2012	4320	71	4520	60	4420	71

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Schedule 1.5 On Track Machines / Infrastructure Wagons

Owner: NI Railways
 Keeper: NI Railways
 Entity in Charge of Maintenance: NI Railways

Vehicle No	Description	Year Built	Comments
7005	Tamping and Lining Machine	1975	
7008	Tamping and Lining Machine	1993	
7009	Compact Tamping and Lining Machine	2003	
7010	Ballast Regulator USP5000C	2003	
7015	Welding Machine K355	1985	
7017	VMT 850 Formation Repair Machine	1989	
7019	VMT Hopper	1989	
7020	Bruff Recovery vehicle	1986	
7023	VMT Pump Wagon	1989	
7031	Kamatsu Excavator	2008	
7032	Kamatsu Excavator	2008	
7476	Flat Wagon 40T	1980	
7477	Flat Wagon 40T	1980	
7478	Geismar Flat Wagon 40T	1980	
7479	Geismar Flat Wagon 40T	1980	
7480	Flat Wagon 40T	1980	
7481	Geismar Flat Wagon 40T	1980	
7521	Ballast Hoppers	1992	
7522	Ballast Hoppers	1992	
7523	Ballast Hoppers	1992	
7524	Ballast Hoppers	1992	
7525	Ballast Hoppers	1992	
7526	Ballast Hoppers	1992	
7779	Chieftan Trailer	2002	
7780	Chieftan Trailer	2002	
8069	Sandite Train & Other Class 80 Vehicles	1978	Converted Class 80 Powercars
8090		1978	
8094		1978	
8097		1978	
8749		1978	
8752		1969	

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Schedule 2 Guest Operator Approvals

Schedule 2.1 Irish Rail Vehicles

Enterprise Loco Hauled Carriages

Owner:	Irish Rail
Keeper:	Irish Rail
Entity in Charge of Maintenance:	NI Railways
Approval:	Grandfather Rights

Built by Alstom De-Dietrich Ferroviare France for the Enterprise Cross Border Service. NIR owns half of the fleet comprising:

8 x Open Standards

2 x Catering Cars

2 x Open First

2 x Driving Trailer Brake Open Firsts

Maximum Speed: 90mph (144kph)

Seating Capacity: 393 (per 7 coach train)

Year of Build: 1996

AWS Fitted: Yes

CAWS Fitted: Yes

TPWS Fitted: Yes

OTMR Fitted: Yes

Coach Number	12 Digit Number	Class	Year Built	No of Seats
9001	55 60 8089 001-6	DVT 1st Class	1996	30 + 2 tip up
9003	55 60 8089 003-2	DVT 1st Class	1996	30 + 2 tip up
9101	55 60 1889 101-1	Standard Class	1996	71
9103	55 60 1889 103-7	Standard Class	1996	71
9201	55 60 2989 201-6	Standard Class	1996	71
9203	55 60 2989 203-2	Standard Class	1996	71
9205	55 60 2989 205-7	Standard Class	1996	71
9207	55 60 2989 207-3	Standard Class	1996	71
9209	55 60 2989 209-9	Standard Class	1996	71
9211	55 60 2989 211-5	Standard Class	1996	71
9213	55 60 2989 213-1	1st Class	1996	47
9215	55 60 2989 215-6	1st Class	1996	47
9401	55 60 8889 401-0	Catering	1996	-
9403	55 60 8889 403-6	Catering	1996	-

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Class 201

Owner: Irish Rail
 Keeper: Irish Rail
 Entity in Charge of Maintenance: Irish Rail
 Approval: Grandfather Rights

'Co-Co' type locomotive built by General Motors Canada powered by a GM3200bhp engine.

Maximum Speed: 90mph (144kph)
 Year of Build: 1995
 AWS Fitted: Part (Enterprise Locos)
 CAWS Fitted: Yes
 TPWS Fitted: Part (Enterprise Locos)
 OTMR Fitted: Yes

Operates in conjunction with Enterprise De-Dietrich coaching stock in push/pull mode on Belfast to Dublin service .

Enterprise Locos

206
207
227
228
231
233

Other Locos

201	215	225
202	216	226
203	217	229
204	218	230
205	219	232
210	220	234
211	221	
212	222	
213	223	
214	224	

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Class 29000

Owner: Irish Rail
 Keeper: Irish Rail
 Entity in Charge of Maintenance: Irish Rail
 Approval: Certificate NIR/29000/004

Built by CAF, Spain, the 29000 are 4 car Diesel Multiple Units consisting of:

DM1: Driving motor car no toilet,

MTD: Non driving with disability toilet,

MT: Non driving with toilet,

DM2: Driving motor car no toilet.

AWS Fitted: No – Exemption Certificate NIR/RU/EX016

CAWS Fitted: Yes

TPWS Fitted: No – Exemption Certificate NIR/RU/EX016

OTMR Fitted: Yes

DM1	MDT	MT	DM2	Approval Date	Valid To
29101	29201	29301	29401	02/06/2005	Open
29102	29202	29302	29402	02/06/2005	Open
29103	29203	29303	29403	02/06/2005	Open
29104	29204	29304	29404	02/06/2005	Open
29105	29205	29305	29405	02/06/2005	Open
29106	29206	29306	29406	02/06/2005	Open
29107	29207	29307	29407	02/06/2005	Open
29108	29208	29308	29408	02/06/2005	Open
29109	29209	29309	29409	02/06/2005	Open
29110	29210	29310	29410	02/06/2005	Open
29111	29211	29311	29411	02/06/2005	Open
29112	29212	29312	29412	02/06/2005	Open
29113	29213	29313	29413	02/06/2005	Open
29114	29214	29314	29414	02/06/2005	Open
29115	29215	29315	29415	02/06/2005	Open
29116	29216	29316	29416	02/06/2005	Open
29117	29217	29317	29417	02/06/2005	Open
29118	29218	29318	29418	02/06/2005	Open
29119	29219	29319	29419	02/06/2005	Open
29120	29220	29320	29420	02/06/2005	Open

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Class 22000

Owner: Irish Rail
 Keeper: Irish Rail
 Entity in Charge of Maintenance: Irish Rail
 Approval: Certificate NIR/22000/001

Built by Rotem, the Class 22000 are Diesel Multiple Units consisting of:

- A1 Premier Class Driving Car with universal toilet and galley
- A2 Standard Class Driving Car with standard toilet
- A3 Standard Class Driving Car with universal toilet
- B Standard Class Intermediate with standard toilet
- B1 Standard Class Intermediate with standard toilet and sanding

AWS Fitted: Yes 22001-22006 and 22036-22039
 No Remaining Units Exemption Certificate NIR/RU/EX018

CAWS Fitted: Yes

TPWS Fitted: Yes 22001-22006 and 22036-22039
 No Remaining Units Exemption Certificate NIR/RU/EX018

OTMR Fitted: Yes

Enterprise Service Substitution

Unit Number	Consist	Approval Date	Valid To
22001	A1-B-B1-B-B-A3	28/09/12	Open
22002	A1-B-B1-B-B-A3	28/09/12	Open
22003	A1-B-B1-B-B-A3	28/09/12	Open
22004	A1-B-B1-B-B-A3	28/09/12	Open
22005	A1-B-B1-B-B-A3	28/09/12	Open
22006	A1-B-B1-B-B-A3	28/09/12	Open
22036	A1-B-B1-B-B-A3	28/09/12	Open
22037	A1-B-B1-B-B-A3	28/09/12	Open
22038	A1-B-B1-B-B-A3	28/09/12	Open
22039	A1-B-B1-B-B-A3	28/09/12	Open

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Short Notice Substitution

Unit Number	Consist	Approval Date	Valid To
22007	A2-B-A3	28/09/12	Open
22008	A2-B-A3	28/09/12	Open
22009	A2-B-A3	28/09/12	Open
22010	A2-B-A3	28/09/12	Open
22011	A2-B-A3	28/09/12	Open
22012	A2-B-A3	28/09/12	Open
22013	A2-B-A3	28/09/12	Open
22014	A2-B-A3	28/09/12	Open
22015	A2-B-A3	28/09/12	Open
22016	A2-B-A3	28/09/12	Open
22017	A2-B-A3	28/09/12	Open
22018	A2-B-A3	28/09/12	Open
22019	A2-B-A3	28/09/12	Open
22020	A2-B-A3	28/09/12	Open
22021	A2-B-A3	28/09/12	Open
22022	A2-B-A3	28/09/12	Open
22023	A2-B-A3	28/09/12	Open
22024	A2-B-A3	28/09/12	Open
22025	A2-B-A3	28/09/12	Open
22026	A2-B-A3	28/09/12	Open
22027	A2-B-A3	28/09/12	Open
22028	A2-B-A3	28/09/12	Open
22029	A2-B-A3	28/09/12	Open
22030	A2-B-A3	28/09/12	Open
22031	A2-B-A3	28/09/12	Open
22032	A2-B-A3	28/09/12	Open
22033	A2-B-A3	28/09/12	Open
22034	A2-B-A3	28/09/12	Open
22035	A2-B-A3	28/09/12	Open
22040	A2-B-A3	28/09/12	Open
22041	A2-B-A3	28/09/12	Open
22042	A2-B-A3	28/09/12	Open
22043	A2-B-A3	28/09/12	Open
22044	A2-B-A3	28/09/12	Open
22045	A2-B-A3	28/09/12	Open
22046	A2-B-A3	28/09/12	Open

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Schedule 2.2 RPSI

Owner: RPSI
 Keeper: RPSI
 Entity in Charge of Maintenance: RPSI
 Approval: Certificate NIR/RPSI/029

AWS Fitted: Yes Loco 461 Exempt – NIR/RU/EX/013

CAWS Fitted: No

TPWS Fitted: Part Loco 461 Exempt – NIR/RU/EX/013

OTMR Fitted: No Loco 4 Exempt – NIR/RU/EX014

Loco 461 Exempt – NIR/RU/EX/013

Locomotives

Vehicle No	Description	Approval Date	Valid To
4	Ex UTA 2-6-4T Locomotive	22/04/16	30/04/17
85	Ex GNR(I) 4-4-0 Locomotive	22/04/16	30/04/17
461	Ex CIE 2-6-0 Goods Locomotive	22/04/16	30/04/17

Coaches

Vehicle No	Description	Approval Date	Valid To
180	1 st Class Mark II Coach	22/04/16	30/04/17
300	Standard Class Mark II Coach	22/04/16	30/04/17
301	Standard Class Mark II Coach	22/04/16	30/04/17
302	Standard Class Mark II Coach	22/04/16	30/04/17
303	Standard Class Mark II Coach	22/04/16	30/04/17
462	Generator van	22/04/16	30/04/17
463	Mk IIz Side Corridor First Class	22/04/16	30/04/17
547	Mark II Buffet Car	22/04/16	30/04/17

Tenders

Vehicle No	Description	Approval Date	Valid To
73	Coal Tender to Locomotive 85	22/04/16	30/04/17
551	Coal Tender to Locomotive 461	22/04/16	30/04/17