

05th February 2018

[REDACTED]

[REDACTED]

Re: FOI Request Response [IE_FOI_142]

Dear [REDACTED],

I refer to your request dated 17th January 2018 made under the Freedom of Information Act 2014, which was received on that date for records held by Iarnród Éireann your request sought:

All relevant documentation relating to:

I would like to request, under the freedom of information, the certified standing capacity (as per the Commission for Irish Rail regulation) for the following Irish rail fleet:

2900 Class DMU (Diesel Multiple Unit) 4 car Set

2800 Class DMU (Diesel Multiple Unit) 2 car set

22000 Class DMU InterCity Railcar 3 car set

22000 Class DMU InterCity Railcar 4 car set

Rights of appeal

In the event that you are not happy with this decision you can make an appeal in relation to this matter, you can do so by writing to the FOI Unit, Corporate Communications, Iarnród Éireann Irish Rail, Connolly Station, Amiens St, Dublin 1 or by e-mail to foi@irishrail.ie. You should make your appeal within 4 weeks (20 working days) from the date of this notification, where a day is defined as a working day excluding, the weekend and public holidays, however, the making of a late appeal may be permitted in appropriate circumstances.

The appeal will involve a complete reconsideration of the matter by a more senior member of the staff of this body.

Should you have any questions or concerns regarding the above, please contact the FOI Officer on 01, 7034293.

Yours sincerely,



Ms Lynette O'Toole

Freedom of Information / Data Protection Officer

Freedom of Information Request:
Schedule of Records for IE_FOI_142 : Summary for Decision Making

Record No.	Date of Record	Brief Description	No. of Pages	Decision: Grant/Part Grant/Refuse	Section of Act if applicable
1	05.02.18	Fleet standing capacity	2	Grant	

Signed



Decision Maker



Record Edited/Identify Deletions

FOI query re fleet standing capacity

The stated capacities are crush laden/exceptional payload conditions and, although the vehicles are permitted to operate under these exceptional conditions, the stated occupancy levels are not expected to be regularly experienced under normal operation/payload conditions.

Re: 22000 ICDMU payload conditions:

The Class 22000 car and unit capacities form part of the safety case that was submitted for assessment to, and subsequently approved by, the Commission for Rail Regulation (CRR). The passenger standing capacities are calculated in accordance with standards based on 4 passengers per m² of floor area of passageways and vestibules.

Re: 2800 DMU and 29000 DMU payload conditions:

The 2800 and 29000 DMU fleets entered service prior to the passing of the Railway Safety Act 2005 and therefore these fleets were not subject to a CRR assessment and approvals process. The passenger standing capacities (also based on IÉ operational experience) are calculated in accordance with standards based on 6 - 8 passengers x m² of floor area of passageways and vestibules for commuter vehicles.

Table 1

22000 ICDMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
5 Piece	A1+B+B+B+A3	304	306	3	613
4 Piece	A2+B+B+A3	262	232	2	496
3 Piece	A2+B+A3	190	172	2	364
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
5 Piece	A1+B+B+B+A3	304	318	0	622
4 Piece	A2+B+B+A3	262	240	0	502
3 Piece	A2+B+A3	190	180	0	370

Standing Capacity based on 4 persons/m²
Wheelchair Space ≈ 1m²

Table 2

29000 DMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
4 Car	DM1+MDT+MT+DM2	185	622	2	809
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
4 Car	DM1+MDT+MT+DM2	185	634	0	819

Standing Capacity based on 6 persons/m²
Wheelchair Space ≈ 1m²

Table 3

2800 DMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
2 Car	DC1+DC2	85	253	1	339
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair Passengers	Total
2 Car	DC1+DC2	85	259	0	344

Standing Capacity based on 6 persons/m²
Wheelchair Space ≈ 1m²