

26th November 2018

[REDACTED]  
Email: [REDACTED]

**Re: Response FOI request - IE FOI 210**

Dear [REDACTED]

I refer to your request dated 20th November 2018 made under the Freedom of Information Act 2014, which was received by this office on that date seeking records held by Iarnród Éireann.

**Request:**

- Details on the maximum occupancy for each fleet type of train

I, Sue Stanley, have now made a final decision to grant your request on 26<sup>th</sup> November 2018.

You have sought access to the records as listed above and I consider this an appropriate form of access in this case. Accordingly, a copy of the records is now attached including a copy of the schedule to these records.

**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 fo@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. Sue Stanley,**  
**Decision Maker**  
**Iarnród Éireann**

Freedom of Information Request:  
 Schedule of Records for IE\_FOI\_210 : Summary for Decision Making

Record No.	Date of Record	Brief Description	No. of Pages	Decision: Grant/Part Grant/Refuse	Section of Act if applicable	Record Edited/Identify Deletions
1	26.11.18	Response to IE_FOI_210	1	Grant		

Signed

Freedom of Information / Data Protection Executive

**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 m<sup>2</sup> 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 IE operational experience) are calculated in accordance with standards based on 6 - 8 passengers x m<sup>2</sup> of floor area of passageways and vestibules for commuter vehicles.

Table 1 Mk 4 Passenger Capacity per Train					
Wheelchair Space Occupied					
Train Type	Configuration	Seated	Standing	Wheelchair	Total
8 Car	GC+FC+CC+SC+SC+SC+SC+SC	417	416	6	839
Wheelchair Space Unoccupied					
Train Type	Configuration	Seated	Standing	Wheelchair	Total
8 Car	GC+FC+CC+SC+SC+SC+SC+SC	417	440	0	857
Note: Standing Capacity based on 4 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					

Table 2 De Dietrich Passenger Capacity per Train					
Wheelchair Space Occupied					
Train Type	Configuration	Seated	Standing	Wheelchair	Total
7 Car	DVT+FC+CC+SCW+SC+SC+SC	372	436	2	810
Wheelchair Space Unoccupied					
Train Type	Configuration	Seated	Standing	Wheelchair	Total
7 Car	DVT+FC+CC+SCW+SC+SC+SC	372	444	0	816
Note: Standing Capacity based on 4 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					

Table 3 8100 EMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	TC+MC	128	260	2	390
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	TC+MC	128	272	0	400
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space = 1m <sup>2</sup>					

Table 4 8500 EMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	734	2	896
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	746	0	906
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space = 1m <sup>2</sup>					

Table 5 8510 EMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	730	2	892
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	742	0	902
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space = 1m <sup>2</sup>					

Table 6 8520 EMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	714	2	876
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	TC1+M1+M2+TC2	160	726	0	886
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space = 1m <sup>2</sup>					

Table 7 22000 ICDMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	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	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
Note: Standing Capacity based on 4 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					

Table 8 29000 DMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	DM1+MDT+MT+DM2	185	622	2	809
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
4 Car	DM1+MDT+MT+DM2	185	634	0	819
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					

Table 9 2800 DMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	DC1+DC2	85	253	1	339
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	DC1+DC2	85	259	0	344
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					

Table 10 2600 DMU Passenger Capacity per Unit					
Wheelchair Space Occupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	DC1+DC2	129	200	1	330
Wheelchair Space Unoccupied					
Unit Type	Configuration	Seated	Standing	Wheelchair	Total
2 Car	DC1+DC2	129	206	0	335
Note: Standing Capacity based on 6 persons/m <sup>2</sup> Wheelchair Space ≈ 1m <sup>2</sup>					