

## InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)

A total of 282 Mark 4 coaches and 32 Driving Van Trailers (DVTs) were built by Metro-Cammell at Washwood Heath from 1989 until 1992. They were specifically designed for use in the InterCity 225 sets and have spent most of their lives working with class 91 locomotives along the East Coast Mainline (ECML).

The fatal accidents at Hatfield in 2000 and Great Heck in 2001 led to 11 coaches and one DVT being scrapped. All of the remaining coaches were refurbished by Bombardier at Wakefield between 2003 and 2005, including new seats, carpets, lighting, plug sockets, Wi-Fi and various features to improve access for people with disabilities. They were further refreshed in 2016, including new seat covers (fabric in standard class, leather in first class), carpets, lighting and audible warnings for the release of the external doors. In 2018, the coaches were fitted with 'Seat Sensor' technology to make it easier for customers to see the availability of seats. Several also received electronic customer information screens to comply with regulations relating to Persons with Reduced Mobility (PRM).

Many vehicles have been scrapped since they were displaced from ECML services during 2019 and 2020 by new Hitachi AT300 trains. However, a small number of sets remain on the ECML while others have found secondary use elsewhere. There are seven different types of passenger carrying vehicle in the fleet, which are as follows:

- **Tourist Standard Open End (TSOE)** – standard class coaches that were designed to operate next to a locomotive and only have a corridor connection at one end. They have 76 seats arranged 2+2 across a centre aisle in a mixture of airline style and groups of four around tables. They have one retention toilet.
- **Tourist Standard Open (TSO)** – standard class coaches with 76 seats arranged 2+2 across a centre aisle in a mixture of airline style and groups of four around tables. They have one retention toilet.
- **Tourist Standard Open with Disabled Access (TSOD)** – standard class coaches with 68 seats arranged 2+2 across a centre aisle in a mixture of airline style and groups of four around tables. They have one accessible retention toilet and two wheelchair spaces. One coach was rebuilt from a TSO between 2003 and 2005.
- **Kitchen Standard Buffet (RSB)** – these coaches provide the catering on an InterCity 225. At one end, they have 30 standard class seats arranged 2+2 across a centre aisle in a mixture of airline style and groups of four around tables. At the other end, they have a café bar, kitchen and space to park a catering trolley. They have one retention toilet, but unlike the other coaches they don't have plug sockets at seats due to the high power usage of the catering equipment.
- **First Open (FO)** – first class coaches with 41 seats plus a dedicated area for staff use. The seats are arranged 2+1 across an aisle and are a mixture of individual airline style and groups of two or four facing (all with fixed tables). Of these coaches, 21 were rebuilt from TSOs between 2003 and 2005. They have one retention toilet.
- **First Open with Disabled Access (FOD)** – first class coaches with 42 seats arranged 2+1 across an aisle in a mixture of individual airline style and groups of two or four facing (all with fixed tables). All were rebuilt from FOs between 2003 and 2005. They have one accessible retention toilet and two wheelchair spaces.
- **First Open (FO)** – first class coaches with 46 seats arranged 2+1 across an aisle in a mixture of individual airline style and groups of two or four facing (all with fixed tables). Of these coaches, 30 were rebuilt from FOs and two were rebuilt from RSBs between 2003 and 2005. They have one retention toilet.

The **DVTs** allow drivers to operate a locomotive in push-pull formation from the opposite end of the train. The design is based on the class 91 locomotives and they have a full width cab, a luggage compartment (including space for bicycles) and a train manager's office.

The following tables contain information about each vehicle, including their current status.

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## Kitchen Standard Buffet (RSB)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
10300		In Service	VE	E	LN	NL
10301		Stored pending return to service	GC	TW	-	WS
10302		Scrapped	-	-	-	-
10303		Scrapped	-	-	-	-
10304		Scrapped	-	-	-	-
10305		Stored pending return to service	VE	TW	-	ZB
10306		In Service	VE	E	LN	NL
10307		Stored	VE	E	-	WS
10308		Scrapped	-	-	-	-
10309		In Service	VE	E	LN	NL
10310		Scrapped	-	-	-	-
10311		In Service	VE	E	LN	NL
10312		In Service	VR	TW	TW	CF
10313		In Service	VE	E	LN	NL
10315		Stored pending return to service	VE	E	-	ZB
10317		Scrapped	-	-	-	-
10318		Stored pending return to service	GC	TW	-	ZB
10319		Scrapped	-	-	-	-
10320		Scrapped	-	-	-	-
10321		Stored pending return to service	GC	TW	-	WS
10322		Scrapped	-	-	-	-
10323		Scrapped	-	-	-	-
10324		In Service	VE	E	LN	NL
10325		In Service	VR	TW	TW	CF
10326		Scrapped	-	-	-	-
10327		Scrapped	-	-	-	-
10328		In Service	VR	TW	TW	CF

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
10329		Scrapped	-	-	-	-
10330		Stored pending return to service	GC	TW	-	WS
10331		Scrapped	-	-	-	-
10332		Stored	VE	E	-	WS
10333		In Service	VE	E	LN	NL

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## First Open (FO)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
11201		Scrapped	-	-	-	-
11213		Scrapped	-	-	-	-
11219		Scrapped	-	-	-	-
11224		Scrapped	-	-	-	-
11229		In Service	VE	E	LN	NL
11237		Scrapped	-	-	-	-
11241		Scrapped	-	-	-	-
11244		Scrapped	-	-	-	-
11273		Scrapped	-	-	-	-
11277	12408	Scrapped	-	-	-	-
11278	12479	Scrapped	-	-	-	-
11279	12521	In Service	VE	E	LN	NL
11280	12523	Scrapped	-	-	-	-
11281	12418	Scrapped	-	-	-	-
11282	12524	Scrapped	-	-	-	-
11283	12435	Scrapped	-	-	-	-
11284	12487	In Service	VE	E	LN	NL
11285	12537	In Service	VE	E	LN	NL
11286	12482	In Service	VE	E	LN	NL
11287	12527	Scrapped	-	-	-	-
11288	12517	In Service	VE	E	LN	NL
11289	12528	Scrapped	-	-	-	-
11290	12530	Scrapped	-	-	-	-
11291	12535	Scrapped	-	-	-	-
11292	12451	Scrapped	-	-	-	-
11293	12536	Scrapped	-	-	-	-
11294	12529	Scrapped	-	-	-	-
11295	12475	In Service	VE	E	LN	NL
11298	12416	Scrapped	-	-	-	-
11299	12532	Scrapped	-	-	-	-

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## First Open with Disabled Access (FOD)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
11301	11215	Scrapped	-	-	-	-
11302	11203	Scrapped	-	-	-	-
11303	11211	Scrapped	-	-	-	-
11304	11257	Scrapped	-	-	-	-
11305	11261	Scrapped	-	-	-	-
11306	11276	In Service	VE	E	LN	NL
11307	11217	Scrapped	-	-	-	-
11308	11263	In Service	VE	E	LN	NL
11309	11259	Scrapped	-	-	-	-
11310	11272	Scrapped	-	-	-	-
11311	11221	Scrapped	-	-	-	-
11312	11225	In Service	VE	E	LN	NL
11313	11210	In Service	VE	E	LN	NL
11314	11207	Stored	VE	E	-	WS
11315	11238	In Service	VE	E	LN	NL
11316	11227	Stored	VE	E	-	WS
11317	11223	In Service	VE	E	LN	NL
11318	11251	Stored pending return to service	VE	E	-	ZB
11319	11247	Stored pending return to service	GC	TW	-	ZB
11320	11255	Stored pending return to service	GC	TW	-	WS
11321	11245	Stored pending return to service	GC	TW	-	WS
11322	11228	Stored pending return to service	GC	TW	-	WS
11323	11235	In Service	VR	TW	TW	CF
11324	11253	In Service	VR	TW	TW	CF
11325	11231	In Service	VR	TW	TW	CF
11326	11206	In Service	VE	E	LN	NL
11327	11236	Scrapped	-	-	-	-

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
11328	11274	Scrapped	-	-	-	-
11329	11243	Scrapped	-	-	-	-
11330	11249	Scrapped	-	-	-	-

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## First Open (FO)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
11401	11214	Scrapped	-	-	-	-
11402	11216	Scrapped	-	-	-	-
11403	11258	Scrapped	-	-	-	-
11404	11202	Stored	VE	E	-	WS
11405	11204	Scrapped	-	-	-	-
11406	11205	In Service	VE	E	LN	NL
11407	11256	Scrapped	-	-	-	-
11408	11218	In Service	VE	E	LN	NL
11409	11262	Stored	VE	E	-	WS
11410	11260	Scrapped	-	-	-	-
11411	11240	Scrapped	-	-	-	-
11412	11209	In Service	VE	E	LN	NL
11413	11212	In Service	VE	E	LN	NL
11414	11246	Stored	VE	E	-	WS
11415	11208	In Service	VE	E	LN	NL
11416	11254	Stored pending return to service	VE	E	-	ZB
11417	11226	In Service	VE	E	LN	NL
11418	11222	Stored pending return to service	VE	E	-	ZB
11419	11250	Scrapped	-	-	-	-
11420	11242	Scrapped	-	-	-	-
11421	11220	Scrapped	-	-	-	-
11422	11232	Scrapped	-	-	-	-
11423	11230	Scrapped	-	-	-	-
11424	11239	Scrapped	-	-	-	-
11425	11234	Scrapped	-	-	-	-
11426	11252	In Service	VE	E	LN	NL
11427	11200	Scrapped	-	-	-	-
11428	11233	Scrapped	-	-	-	-
11429	11275	Scrapped	-	-	-	-
11430	11248	Scrapped	-	-	-	-

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
11998	10314	Scrapped	-	-	-	-
11999	10316	Spares Donor	VE	E	-	ZB

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## Tourist Standard Open End (TSOE)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12200		Scrapped	-	-	-	-
12201		Scrapped	-	-	-	-
12202		Stored pending return to service	VE	E	-	ZB
12203		Stored	VE	E	-	WS
12204		Scrapped	-	-	-	-
12205		In Service	VE	E	LN	NL
12206		Scrapped	-	-	-	-
12207		Scrapped	-	-	-	-
12208		In Service	VE	E	LN	NL
12209		Stored	VE	E	-	WS
12210		Stored pending return to service	GC	TW	-	WS
12211		Stored pending return to service	GC	TW	-	ZB
12212		In Service	VE	E	LN	NL
12213		Stored pending return to service	VE	E	-	ZB
12214		In Service	VE	E	LN	NL
12215		Stored pending return to service	VE	TW	-	ZB
12216		Scrapped	-	-	-	-
12217		In Service	VR	TW	TW	CF
12218		Scrapped	-	-	-	-
12219		In Service	VR	TW	TW	CF
12220		In Service	VE	E	LN	NL
12222		Stored pending return to service	GC	TW	-	WS
12223		In Service	VE	E	LN	NL
12224		Stored pending return to service	GC	TW	-	WS
12225		In Service	VR	TW	TW	CF

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12226		In Service	VE	E	LN	NL
12227		Scrapped	-	-	-	-
12228		In Service	VE	E	LN	NL
12229		Stored	VE	E	-	WS
12230		Stored	VE	E	-	WS
12231		Stored	VE	E	-	WS
12232		Scrapped	-	-	-	-

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## Tourist Standard Open with Disabled Access (TSOD)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12300		Stored	VE	E	-	WS
12301		Scrapped	-	-	-	-
12302		Scrapped	-	-	-	-
12303		In Service	VE	E	LN	NL
12304		Stored pending return to service	VE	TW	-	ZB
12305		Stored	VE	E	-	WS
12306		Scrapped	-	-	-	-
12307		Scrapped	-	-	-	-
12308		Stored	VE	E	-	WS
12309		In Service	VE	E	LN	NL
12310		Stored pending return to service	GC	TW	-	ZB
12311		In Service	VE	E	LN	NL
12312		Stored pending return to service	VE	E	-	ZB
12313		In Service	VE	E	LN	NL
12314		Scrapped	-	-	-	-
12315		Stored pending return to service	VE	TW	-	ZB
12316		Stored pending return to service	GC	TW	-	WS
12317		Scrapped	-	-	-	-
12318		Scrapped	-	-	-	-
12319		Stored	VE	E	-	WS
12320		Scrapped	-	-	-	-
12321		Scrapped	-	-	-	-
12322		Scrapped	-	-	-	-
12323		Stored pending return to service	GC	TW	-	WS
12324		Stored pending return to service	VE	TW	-	ZB

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12325		In Service	VE	E	LN	NL
12326		Stored pending return to service	GC	TW	-	WS
12327		Scrapped	-	-	-	-
12328		In Service	VE	E	LN	NL
12329		Stored	VE	E	-	WS
12330		In Service	VE	E	LN	NL
12331	12531	Scrapped	-	-	-	-

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## Tourist Standard Open (TSO)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12400		Scrapped	-	-	-	-
12401		Scrapped	-	-	-	-
12402		Scrapped	-	-	-	-
12403		Scrapped	-	-	-	-
12404		In Service	VE	E	LN	NL
12405		Stored	VE	E	-	WS
12406		In Service	VE	E	LN	NL
12407		In Service	VE	E	LN	NL
12409		In Service	VE	E	LN	NL
12410		Stored	VE	E	-	WS
12411		Stored	VE	E	-	WS
12412		Scrapped	-	-	-	-
12413		Scrapped	-	-	-	-
12414		Scrapped	-	-	-	-
12415		Stored	VE	E	-	WS
12417		Stored	VE	E	-	WS
12419		Stored	VE	E	-	WS
12420		In Service	VE	E	LN	NL
12421		Stored	VE	E	-	WS
12422		In Service	VE	E	LN	NL
12423		Stored	VE	E	-	WS
12424		In Service	VE	E	LN	NL
12425		Scrapped	-	-	-	-
12426		In Service	VE	E	LN	NL
12427		In Service	VE	E	LN	NL
12428		Stored pending return to service	VE	E	-	ZB
12429		In Service	VE	E	LN	NL
12430		In Service	VE	E	LN	NL
12431		In Service	VE	E	LN	NL
12432		In Service	VE	E	LN	NL

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12433		Stored pending return to service	VE	E	-	ZB
12434		Stored pending return to service	GC	TW	-	ZB
12436		Stored	VE	E	-	WS
12437		Stored	VE	E	-	WS
12438		Scrapped	-	-	-	-
12439		Scrapped	-	-	-	-
12440		Spares Donor	VE	E	-	ZB
12441		Scrapped	-	-	-	-
12442		In Service	VE	E	LN	NL
12443		Stored	VE	E	-	WS
12444		In Service	VE	E	LN	NL
12445		Scrapped	-	-	-	-
12446		In Service	VR	TW	TW	CF
12447		In Service	VR	TW	TW	CF
12448		Scrapped	-	-	-	-
12449		Scrapped	-	-	-	-
12450		Scrapped	-	-	-	-
12452		Stored pending return to service	GC	TW	-	WS
12453		Stored	VE	E	-	WS
12454		In Service	VR	TW	TW	CF
12455		Scrapped	-	-	-	-
12456		Scrapped	-	-	-	-
12457		Scrapped	-	-	-	-
12458		Scrapped	-	-	-	-
12459		Scrapped	-	-	-	-
12460		Scrapped	-	-	-	-
12461		Stored pending return to service	GC	TW	-	WS



## InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12462		Scrapped	-	-	-	-
12463		Spares Donor	VE	E	-	ZB
12464		Scrapped	-	-	-	-
12465		In Service	VE	E	LN	NL
12466		Scrapped	-	-	-	-
12467		Stored pending return to service	VE	E	-	ZB
12468		Stored	VE	E	-	WS
12469		In Service	VE	E	LN	NL
12470		Scrapped	-	-	-	-
12471		Scrapped	-	-	-	-
12472		Scrapped	-	-	-	-
12473		Scrapped	-	-	-	-
12474		In Service	VE	E	LN	NL
12476		Scrapped	-	-	-	-
12477		Stored pending return to service	GC	TW	-	WS
12478		Scrapped	-	-	-	-
12480		Stored	VE	E	-	WS
12481		In Service	VE	E	LN	NL
12483		Stored	VE	E	-	WS
12484		Stored	VE	E	-	WS
12485		In Service	VE	E	LN	NL
12486		Stored	VE	E	-	WS
12488		Scrapped	-	-	-	-
12489		Stored	VE	E	-	WS
12513		Stored	VE	E	-	WS
12514		Stored	VE	E	-	WS
12515		In Service	VE	E	LN	NL
12516		Scrapped	-	-	-	-
12518		Stored	VE	E	-	WS
12519		Scrapped	-	-	-	-
12520		Stored	VE	E	-	WS

Number	Former Number	Status	Livery	Owner	Operator	Depot / Location
12522		Scrapped	-	-	-	-
12525		Scrapped	-	-	-	-
12526		Stored	VE	E	-	WS
12533		Spares Donor	VE	E	-	ZB
12534		Scrapped	-	-	-	-
12538		Scrapped	-	-	-	-

## InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)

### Driving Van Trailers (DVT)

Number	Status	Livery	Owner	Operator	Depot / Location
82200	Stored pending return to service	GC (un-branded)	TW	-	WS
82201	Stored pending return to service	GC (un-branded)	TW	-	ZB
82202	Scrapped	-	-	-	-
82203	Scrapped	-	-	-	-
82204	Stored	VE (un-branded)	E	-	WS
82205	In Service	SP	E	LN	NL
82206	Stored	VE	E	-	WS
82207	Scrapped	-	-	-	-
82208	In Service	VE	E	LN	NL
82209	Stored	VE (un-branded)	E	-	WS
82210	Stored	VE (un-branded)	E	-	WS
82211	In Service	VE	E	LN	NL
82212	In Service	VE	E	LN	NL
82213	In Service	VE	E	LN	NL
82214	In Service	VE	E	LN	NL
82215	Stored pending return to service	VE	E	-	ZB
82216	In Service	TR	TW	TW	CF
82217	Scrapped	-	-	-	-
82218	Stored	VE	E	-	WS
82219	Scrapped	-	-	-	-

Number	Status	Livery	Owner	Operator	Depot / Location
82220	Stored pending return to service	VE	TW	-	ZB
82221	Scrapped	-	-	-	-
82222	Stored pending return to service	VE (un-branded)	E	-	ZB
82223	In Service	VE	E	LN	NL
82224	Scrapped	-	-	-	WS
82225	In Service	VE	E	LN	NL
82226	In Service	TR	TW	TW	CF
82227	Stored pending return to service	GC (un-branded)	TW	-	WS
82228	Scrapped	-	-	-	-
82229	In Service	TR	TW	TW	CF
82230	Stored pending return to service	GC (un-branded)	TW	-	WS
82231	Scrapped	-	-	-	-

## InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



### Normal Set Formations – London North Eastern Railway (LNER)

LNER normally operates Mark 4 coaches and DVTs in fixed 'push-pull' formations with class 91 electric locomotives positioned next to the TSOE (coach B). These fixed formations are in the table below. There are also two spare vehicles.

Set	Coach B	Coach C	Coach D	Coach E	Coach F	Coach H	Coach K	Coach L	Coach M	DVT
NL06	12208	12406	12420	12422	12313	10309	11279	11306	11406	82208
NL08	12205	12481	12485	12407	12328	10300	11229	11308	11408	82211
NL12	12212	12431	12404	12426	12330	10333	11284	11312	11412	82212
NL13	12228	12469	12430	12424	12311	10313	11285	11313	11413	82213
NL15	12226	12442	12409	12515	12309	10306	11286	11315	11415	82214
NL16	12213	12428	12433	12467	12312	10315	11418	11318	11416	82222
NL17	12223	12444	12427	12432	12303	10324	11288	11317	11417	82225
NL26	12220	12474	12465	12429	12325	10311	11295	11326	11426	82223
Spare	12202									82205
Spare	12214									82215

### Normal Set Formations – Transport for Wales (TfW)

TfW normally operates Mark 4 coaches and DVTs in fixed 'push-pull' formations with class 67 diesel locomotives positioned next to the TSOE. These fixed formations are in the table below.

Set					DVT
HD01	12225	10325	11323	12454	82226
HD02	12219	10328	11324	12447	82229
HD03	12217	10312	11325	12446	82216

### Livery Codes

- GC – Grand Central (black with an orange stripe)
- SP – Special or promotional livery (see general notes for full details)
- TR – Transport for Wales (two-tone grey, red and black)
- VE – Virgin Trains East Coast (red, white and black)
- VR – Virgin Trains East Coast (red, white and black) with Transport for Wales logo and branding

# InterCity 225 Fleet List – Mark 4 Coaches and Driving Van Trailers (DVT)



## Owning Companies

E – Eversholt Rail (UK)  
TW – Transport for Wales

## Operator Codes

LN – London North Eastern Railway  
TW – Transport for Wales

## Depot/Location Codes

CF – Cardiff, Canton  
NL – Leeds, Neville Hill  
WS – Worksop, Harry Needle Railroad Company  
ZB – Doncaster Works, Wabtec Rail

## General Notes

12405 is the second coach to carry this number. It was constructed from the bodyshell initially intended for 12221. The original 12405 was made into 12232  
82205 has a bespoke red, white and blue livery and is branded 'Flying Scotswoman' to commemorate International Women's Day 2020  
82219 was previously named 'Duke of Edinburgh', as it was part of the first refurbished set that was launched by Queen Elizabeth II in October 2003  
82226 carries a vinyl promoting the Alzheimer's Society Cymru  
82229 carries a vinyl promoting water safety by HM Coastguard and the Royal National Lifeboat Institution (RNLI)