



Sam Wheelan  
Franchise and Access Manager  
Network Rail Infrastructure Limited  
Square One  
4 Travis Street  
Manchester  
M1 2NY

Emyl Lewicki  
Office of Rail and Road  
25 Cabot Square,  
London  
WC2B 4AN

28 June 2024

**Network Rail Representations for the proposed 63<sup>rd</sup> Supplemental Agreement to the Track Access Contract between Network Rail Infrastructure Limited and TransPennine Trains Limited (trading as Transpennine Express (TPE) dated 03 March 2016**

As directed in your letter dated 30 May 2024, Network Rail is making its representations in respect of a Section 22A of the Railways Act 1993 for the 63<sup>rd</sup> Supplemental Agreement (SA) of the Track Access Contract (TAC) dated 03 March 2016 between Network Rail Infrastructure Limited (Network Rail) and TransPennine Trains Limited.

In line with ORR's letter of April 24 2024 to the industry on 'Competing and/or complex track access applications for December 2024, May 2025 and December 2025 timetable changes', TransPennine Trains Limited submitted this application to the ORR on the 20 May 2024 as a 22A.

Your letter made clear to industry that "We expect applications received by 20 May 2024 to be of sufficient quality, completeness, and certainty to enable Network Rail, industry and ORR to assess them. A prerequisite for achieving this is that applicants will have discussed their plans with, and sourced information from Network Rail before submission (in line with our guidance)."

It further "...requested that Network Rail produces a high-level plan by 05 June 2024 for ORR and industry. This will set out when it will produce its robust assessment for the applications submitted by 20 May 2024."

Network Rail fulfilled this request on 05 June 2024 outlining the plan for undertaking capacity and performance assessments to inform both Network Rail and the ORR on the applications received.

That response should be considered alongside this Representation.

In particular, it should be noted as indicated therein that:

- due to the unprecedented scale of 83 unsupported applications received at one point in time, Capacity Planning plan to phase its analysis,
- assessments will initially focus on applications and geography which do not overlap with the ongoing East Coast Mainline Event Steering Group (ECML ESG) Development work to mitigate the risk of redundant analysis,
- all ECML ESG related applications will be considered following decisions as to the implementation of the ESG Timetable,

As we set out in the High-Level Plan; “Only those rights which potentially interact, contain the required level of information to inform assessments, were discussed with Network Rail and are intended for the next three timetable changes will be considered by Network Rail.” and that “Applications consisting of rights for geography not impacted or for later timetable changes should be considered separately.”

These factors have shaped the anticipated plan for submission of evidence related to this and other applications.

Whilst Network Rail was made aware by TransPennine Trains Limited that they would be applying for the proposed access rights as requested in ORR’s letter, Network Rail has not yet had an opportunity to fully consider its position on this application and whether it can eventually support the proposed access rights.

ORR, in its invitation to NR to make written representations, expects that NR will:

- include all of the necessary information for ORR to take an informed decision; or
- to refer to all of the necessary analysis and the confirmed timelines Network Rail requires to reach its decision on the application. This should include the “5 June 2024 capacity analysis” and any other analysis Network Rail needs to complete;
- recognise which other applications within the published list of “20 May 2024 applications” could interact with each application.
- Confirm any interested persons name(s) or confirm there are no interested persons.

Network Rail can confirm that we will not be able to in this representation provide all the necessary information for ORR to make an informed decision at this point in time. However, in this representation we will address each of the points above as well as provide:

- provide an initial view of the application Form P and supplemental;
- where applicable, highlight if Network Rail believes that some of the access rights sought are outside the scope of the ORR’s letter dated 24th April 2024;
- an indication of how Network Rail will be able to provide its final representations and any intermediate representations so that ORR will then have all relevant information from Network Rail to assist ORR in making an informed decision.

### **Interested Person(s)**

Network Rail is not aware of any persons who would fall within the definition of “Interested Person” in paragraph 1 of Schedule 4 of the Railways Act 1993 in relation to the application made by TransPennine Trains Limited.

## **Keeping you informed**

As stated in the letter to the ORR on 05 June 2024 “The plan will need to be flexible and reviewed through the process to consider industry decisions in relation to the ECML ESG along with potentially other changing industry priorities and requirements. For example, recommendations from the East Coast Task Force may impact on industry resources, in particular timetabling resource. This could require changes to the remaining stages of the plan, including impacting when analysis can be completed.”

In the letter we also stated “We propose establishing a change control mechanism to track changes in the plan, when and where required, to retain transparency and clarity. This may also lead to consequential changes to anticipated dates of any resulting representations planned by our customer teams.” Where such changes in timeline occur, we will notify you of any impacts on expected content, volume or timing of forthcoming information.

Where there are capacity or performance aspects of this application that will not be addressed through the High-Level plan (due to lack of necessary information as indicated by ORR, or due to the focused areas of analysis being provided by the High Level Plan) we will discuss below how we propose to provide the necessary information that will be required by ORR to take a decision.

## **Summary of Rights Sought**

In their application and as a high-level summary TransPennine Trains Limited are seeking the following access rights to commence from the May 2025 Timetable (in a scenario where the ECML ESG commences at that time), firm rights until SCD 2028 (contract expiry), TPT have not stated an end date for all of the contingent rights:

- 8 additional Firm Rights EWD + SU Edinburgh – Newcastle
- 8 additional Firm Rights EWD + SU Newcastle – Edinburgh
- 8 additional Contingent Rights EWD + SU Huddersfield – Leeds (these will be combined with Manchester – Huddersfield Firm Rights to provide a through service)
- 8 additional Contingent Rights EWD + SU Leeds - Huddersfield (these will be combined with Manchester – Huddersfield Firm Rights to provide a through service)

These additional rights between Huddersfield and Leeds seek to support the delivery of TransPennine Route Upgrade engineering works with the extended closure of platforms in Huddersfield necessitating the operation of service through Huddersfield rather than terminating there.

Industry Consultation for this application commenced on 23 May 2024, and concluded on 28 June 2024.

## **The High-Level Plan and Dependencies**

The High-Level Plan submitted on 05 June 2024, and our additional engagement with Capacity Planning indicates that the following phases may be relevant for this application:

- Phase 1 Collation & Scoping
- Phase 2 - Risk Identification for application
- Phase 3 - Production Development Period for SCD 2025 aspirations
- Phase 4a – ECML confirmation for December 2025

- Phase 4b – ECML confirmation for May 2025
- Phase 5 – December 2025 Production Period

We are mindful that the High-Level Plan and its analysis, or other issues indicated, may identify dependencies, risks or changes in risk profiles that could require revision or further review of individual responses. We also note the 5<sup>th</sup> June plan does not guarantee that analysis will not have to continue beyond the timetable development process. Where this is the case we will communicate with the Operator and ORR.

The current number of new applications received at this point in time is unprecedented, with 83 new applications received. Of these, 55 are seeking capacity on NW&C Region. This volume of simultaneous applications on NW&C Region, with this number of interactions to analyse, involves a level of complexity not previously experienced. We have sought to indicate, as far as reasonably practical, the timing and availability of information to be provided however we are mindful that as we move through the complexities of assessing the applications the plan may necessarily need to be reviewed and revised.

As stated later in this letter, if interactions occur at different points in time, i.e. different Timetable Change Dates then this could have an impact when Network Rail will be able to submit its position with regards to the application.

As stated in our letter of 05 June 2024 to the ORR “Throughout the rights assessment work phases Network Rail intends to communicate with ORR on progress and provide collated information against individual applications as they are assessed through the plan. The intention is to enable decisions during the process, where possible, rather than await a fully completed package of work considering all in-scope applications.”

We also recognised in our letter of 05 June 2024 that “this approach will have to balance the need for business continuity, so that current services may continue to operate and timetable changes can be made when there is low risk of negative outcomes for passengers and freight users, with the need to avoid prejudicial decisions that could unduly favour one party where aspirations interact.”

### **Common route / regional identified considerations / constraints**

This request for rights covers a point in the network where it has been identified at a regional level that more than one application should be considered by ORR at the same time as any one decision would restrict the ability to accommodate other requests due to the volume of potentially interacting aspirations. The other affected operators’ applications are listed below, and our plan for providing these is as set out in Annex A.

#### **North West and Central Considerations**

North West and Central (NW&C) Region has several large enhancement projects taking place including TransPennine Route Upgrade, HS2 and Midlands Rail Hub impacting long term capacity utilisation for which we will give consideration to when reviewing this application once all the necessary assessments have been completed and Network Rail is able to collectively assess the risks and impact this application may have.

In addition to the key interacting locations specified in ORRs letter of 24 April 2024, Network Rail is also aware of other locations for which there are potentially interacting aspirations and capacity constraints. This includes but is not limited to Manchester and the surrounding area, Crewe, and the Wolverhampton corridor. During our assessment of the applications we will be paying particular

attention to both the locations identified in ORR's letter and those named above.

In preparation of the December 2022 timetable, Network Rail formed industry workstreams to undertake a strategic review of capacity utilisation on both the West Coast Mainline South and Manchester area including the Castlefield corridor and Manchester Victoria. A separate industry working group (managed under the governance of the Grand Rail Collaboration) assessed options for the service structure on the Wolverhampton – Coventry route through Birmingham New Street. The timetable today still reflects this structure, and the outputs produced for December 2022, which were supported by the industry, remains the strategic plan for capacity utilisation and will help us in assessing this and the other applications.

A key consideration included in the plan within Annex A is regarding power supply on NW&C. As previously informed, NW&C has several areas of concern with regards to power supply. For any application utilising electric traction, it is our intention to model the outputs of the capacity assessment to understand the power supply risk both during normal working and in N-1 conditions. In carrying out traction power modelling, NW&C Region adheres to the requirements stipulated in NR/L1/ELP/27000 "Policy Requirements for Electrical Power Assets". This policy states that the electrical power supply system shall have sufficient redundancy to support the peak timetable with one key piece of equipment out of service (known as N-1). In addition to fulfilling Network Rail policy requirements, maintaining the required N-1 redundancy levels in the traction power network supports adherence to contractual, performance and safety targets.

In order to accurately assess power supply it is key that we understand any Empty Coaching Stock moves. We will be requesting this information separately from operators if it was not previously supplied as part of the 20<sup>th</sup> May applications.

We will undertake internal consultation of the application following our usual business practices however as a result of ORR letter of 24 April 2024 NW&C has 55 application which it must consider. Therefore our internal consultation will be over a longer period of time, and this has been allowed for in the plan.

Power supply and route performance assessments require additional subject matter support from third party organisations and therefore whilst we have included anticipated timescales within the plan these are currently subject to confirmation.

### **Eastern Region's Considerations**

Eastern Region has reviewed this application through its initial assurance sessions and is taking forward the relevant actions that will be tracked through the Regional High-Level Plan.

Eastern will be utilising all relevant intelligence gathered as part of the ECML ESG workstream to assist with its ongoing assessment and assurance activities.

Where an application has any additional rolling stock requirements, these will need to be fully assessed as part of the Eastern Region power modelling workstream and align with cross-route power modelling in other Network Rail regions.

As previously highlighted through this representations letter and the 05 June letter to the ORR, we may as we progress, identify dependencies, risks or changes that could result in a change to the plans or activities identified.

For Eastern Region's activities for this application please see **Annex B**.

For Scotland’s activities for this application please see **Annex C**.

### **Network Rail Review of Form P and associated documents**

Network Rail has performed an initial assessment of the Form P and associated documents submitted with this application.

Network Rail would like to highlight the following:

- The Executive Summary and section 5.1 in the Form P refer to changes being made in Tables 2.1 and 2.2, however the marked-up table in the SA only contain changes in Table 2.2. It appears the +8 additional firm rights EWD and Sunday Edinburgh<>Newcastle have been added to Table 2.2 rather than Table 2.1 in the draft SA.
- Network Rail will review the necessary considerations for an access rights application, for example performance, safety, power supply, etc., through its usual processes and in line with the plan outlined in Annex A, and cannot at this time state whether it agrees with any further comments made in the Form P.
- Our Freight team has indicated that our regulated growth target for Railfreight in CP7 is 7.5%. In line with these freight growth targets, we are committed to securing capacity in the timetable for future use. Where capacity and suitable capability can be identified, we will consider applications for the Sale of Access Rights. ECML North is one area identified to meet these targets.

Whilst upon review of the application, the access rights sought are in line with ORR’s letter of the 24 April 2024, not enough information was supplied by the Operator to include in the capacity/performance assessment (as requested by Capacity Plannings letter to the Operators dated 08 May 2024). Network Rail has approached the operator for this information on the 22 May 2024 and 06 June 2024 but unfortunately the Operator has not been forthcoming with the clarity required by Capacity Planning for them to undertake the relevant assessment. It may be possible to assess this from phase 3, but that will be dependent on any factors which may impact the plan as indicated in the 5 June letter to ORR.

Whilst we have in phase 1 of the 5 June Plan identified where applications could interact at the previously identified locations with another Operators application, we will through phase 2 for December 2024 and May 2025 applications identify those access rights sought which are not at an interacting location. If Network Rail does identify access rights (or part of the access rights) which are not at an interacting location, then Network Rail will consider the proposed rights as per business as usual and will engage with the operator and ORR on this.

### **Network Rail’s Initial Position on the Access Rights Sought prior to necessary assessments being completed in line with the plan**

Network Rail has made every attempt in their initial assessment of the Application received to be able to inform the ORR of any early positions it might have on the access rights sought. In this instance it will not be possible in this representation for us to give an initial view, but we have outlined in the letter the necessary assessments/analysis that need to be undertaken to inform a view.

### **Possible Interactions with Other Applications from 20 May 2024**

As requested in ORR’s invitation for NR to make written representations to this application, Annex D to this letter shows where this application could interact with each of the “20 May 2024 Applications”

at the previously identified locations.

Please note if the interactions occur at different points in time, i.e. different Timetable Change Dates, then this will have an impact on the dates that Network Rail will be able to submit its position with regards to the application. I.e. if the application submitted for Operator A is to commence December 2024 and there are no concerns or conflicts that does not mean that when Operator B's aspirations are considered which start in May 2025 that both will be able to be accommodated and therefore Network Rail will have to see the outputs of the capacity assessments for the May 2025 Timetable for Operator B before they can give a final position on Operator A's application.

### **ECML Access Rights**

As the ORR is aware the members of the Industry PMO agreed in March 2024 that the ECML ESG Timetable which was planned for December 2024, would be deferred pending further development work. Considering this, we are reviewing the requirement for continuation of our previous approach to access rights on the ECML. We expect to be able to communicate further with the industry and the ORR in the near future of our position on this.

In addition, any new or amended rights (which change capacity parameters) whether contingent or firm which are being sought in those 20 May Applications on the ECML, as stated previously and in line with the 5th June letter from Network Rail to the ORR, Network Rail will not be able to make decisions on this until decisions on ECML are made following consideration by the industry ECML Task Force. It is recognised for those operators who have bid for paths on the ECML for the December 2024 Timetable and they have been offered back to the Operator at D-26 Network Rail will have to consider the support of access rights in the interim only.

This application seeks new/amended rights in the case of the ESG being implemented in May 2025. Network Rail will only be in a position to assess this application post a decision on ECML ESG implementation and ECML Taskforce recommendations as to what Timetable the ECML ESG will be implemented.

### **Allowing business continuity while preserving freedom of action for ORR in taking its decision**

Our letter of 05 June 2024 stated that in this interim period Network Rail will have to balance the need for business continuity, so that current services may continue to operate and timetable changes can be made when there is low risk of negative outcomes for passengers and freight users, with the need to avoid prejudicial decisions that could unduly favour one party where aspirations interact.

We note that some operators have split their applications across different timetable periods, which already provides ORR with the ability to deal specifically with the nearer-term applications now, whereas others have combined different timetable periods in a single application.

Should ORR wish to make a single decision on each application it has received, without breaking that application into parts, then, where a single application has been made relating to multiple timetable periods, there is a risk that rights might not be available in time for an operator to commence services as early as it would like, given the need for all of the information set out in our plans to be available in order for decisions to be made relating to those future timetables.

Where paths associated with some of the quantum rights in this application are included in a New Working Timetable issued under the Network Code Part D process, then Network Rail proposes to work with the applicant on these elements of the application. Our aim, subject to normal governance processes, would be to potentially agree a new s22 application for contingent, time-

limited rights for that timetable period with no presumption of continuity – in line with the approach that ORR has supported for applications on the East Coast Main Line in recent years.

This would enable you to reserve your position on future capacity choices, allowing decisions that relate to a later timetable period to be made simultaneously, while making effective use of the railway network in the earlier timetable periods.

### **Conclusion**

Network Rail is aware that this representation letter does not contain all the information needed for this application for the ORR to make a decision.

As explained in our letter of 5 June, these representations letters were mostly expected to reserve our position pending the outcome of the capacity and performance assessments. We are also mindful that the plan and its analysis may identify dependencies, risks or changes in risk profiles that could require revision or further review of this response. However, we hope that the plans we provided give you the reassurance that we will assess this application to inform Network Rail's position in a later representation in line with the plan and letter. In addition, Network Rail wants to give the ORR the confidence that we have made every effort in this letter to give any initial views where we can.

Network Rail asks that while we carry out our assessments, ORR progresses with its own assessments wherever possible to assist in making early decisions/descoping the scale of applications requiring assessment from Network Rail. Additionally, where we have deemed an application for December 2024 or May 2025 to be unready in the initial representations in this letter, we ask that this be descoped from the analysis requirements as quickly as possible.

Network Rail will continue to keep ORR sighted on the progress of the plan for this application.

Yours sincerely

Sam Wheelan

Franchise and Access Manager,

Network Rail



## Annex A – Plan for Information / Analysis / Assessment

TASK	ASSIGNED TO
<b>Capacity Assessment</b>	
High Level Plan provided 05 June 2024	
Collating & Scoping	System Operator - CP Please see June 5 letter for details
Phase 2 Timetable Risk Identification May'25	System Operator - CP Please see June 5 letter for details
Phase 3 May'2025 Production Development Period	System Operator - CP Please see June 5 letter for details
Phase 4a ECML confirmed Dec'25 Dec'25 assessment against May'25	System Operator - CP Please see June 5 letter for details
Phase 4b Dec'25 assessment ECML confirmed May;25	System Operator - CP Please see June 5 letter for details
Phase 5 december 2025 Production period	System Operator - CP Please see June 5 letter for details
<b>Other Capacity assessment</b>	
2022 Strategic plan capacity assesment	Regional Timetable Team
<b>Risk Identification</b>	
May'25 TP-Hazid passenger applications	Regional Timetable Team
TP-Hazid Upto and including May'25 freight applications	Regional Timetable Team
May'25 TP RAM - all applications	Regional Timetable Team
Dec'25 TP Hazid - all applications	Regional Timetable Team
Dec'25 TP -RAM - all applications	Regional Timetable Team
Internal consultation of applications	F&A Team
<b>Planned Assessments</b>	
Ped flow assessment of Euston Station	Station Capacity Team
<b>Level Crossing assessment</b>	
Mapping of number of services to each ELR	Regional Timetable/F&A team
ALCRM modelling/assessment	LCM
ALCRM modelling/assessment - May'25	LCM
ALCRM modelling/assessment - Dec'25	LCM
<b>Power Supply Modelling</b>	
Phase 1: Build baseline model	
Phase 2: Navitas provide modelling for baseline model	Asset Management
Phase 3: Assess baseline + Proposed services	Asset Management
Phase 4: May'25 Production Development Timetable	Asset Management
Phase 5:N-1 assessment	Asset Management
Phase 6: Impact assessment + mitigation assessment	Asset Management
Phase 6: Re-create modelling CIF file based on Dec'24 actuals	Asset Management
Phase 7: Dec'25 Production Development Timetable	Asset Management
Phase 8:N-1 assessment	Asset Management
Phase 9: Impact assessment + mitigation assessment	Asset Management
<b>Performance Analysis</b>	
Phase 1: Internal review of existing data	Route performance teams
Phase 2: Performance assessment of May'25 decisions	Route performance teams
Phase 3: Performance assessment of Dec'25 decisions	Route performance teams
<b>Governance</b>	
Potential representations for Dec'24	
Draft Letter	F&A team
Internal Review	F&A Team
SOAR review and approval	F&A Team
Submit to ORR	F&A Team
Final representations:	
Draft letter	F&A team
Internal Review	F&A team
Internal Consultation	F&A team
SOAR review and approval	F&A team
Submit to ORR	F&A team

## Annex B - Eastern Region Plan

Final list of applications Dec 2024 - 2025 timetable change		Where applicable to the application															
Application	Section	Details	Timetable change	Lead route	Train length, weight, routing and rolling stock confirmed in app	High level plan phases potentially relevant	Power modelling required	Level Crossing assessment required	Signaller workload assessment required	Platform/train Interface risk assessment required	Compatibility / Route Clearance required	Vehicle Change required	Route opening / EAS (action 4) check required	Track maintenance Impact	ETCS fitment required for ECOP	Vegetation clearance risk re bi-modes	Depot and stabling requirements
TPT 63rd	22A	SCD 25 - including Dec'24 with additional bi-modal ECML, ESG from May'25	May-25	NW&C	Yes	Phase 1 - 5	Under review	Under review	Under review	Under review	Under review	Under review	Under review	Under review	Under review	Under review	Under review

## Annex C - Scotland Activities

Route Plan for Further Assessment of Interacting Applications:	Dependencies:	Notes:
<b>May '25:</b>		
Advanced Notice of Timetable Change - all Operators		
Train Plan Assessment (TP-RAM) - all applications	High Level Plan/Advanced Notice of Timetable Change (all Operators)	Activities in subject matter experts' diaries.
SO ATT High Level Plan Phase 2		
Power expert opinion - 22As	High Level Plan	This will include looking at previous modelling exercises to see if specific applications have been included.
Route led Performance Intelligence - 22As	High Level Plan	
Priority Date notification and Bid - all Operators (D40)		
Timetable Production Start		
Access Rights Compliance Check (ScotRail only)		Normal SoAR process will follow - not shown here.
Train Plan Evaluation (TP-REP)	Priority Date notification and Bid - all Operators (D40)	Activities in subject matter experts diaries.
Operational Risk Assessment - all applications	Priority Date notification and Bid - all Operators	e.g. Level Crossing ALCRM, SPAD Risk
Operations Risk - all applications	Priority Date notification and Bid - all Operators	e.g. Signaller Workload
Infrastructure Risk - all applications	Priority Date notification and Bid - all Operators	e.g. Maintenance Access, Asset reliability
Route led Performance Intelligence - all applications	Priority Date notification and Bid - all Operators (D40)	Including Platform Docking at Edinburgh Waverley.
Power Modelling	New Working Timetable - all Operators.	
Regular updates with Regulatory Reform, ORR and Route stakeholders		
Timetable Go Live		
<b>Dec '25:</b>		
Train Plan Risk Identification (TP-HAZID) - all applications	Information from Operators and Capacity Planning (Timetable Production Work package spreadsheet)	Meeting will be held as per governing standard
Advanced Notice of Timetable Change - all Operators		
Train Plan Assessment (TP-RAM) - all applications	High Level Plan/Advanced Notice of Timetable Change (all Operators)	Meeting will be held as per governing standard
SO ATT High Level Plan Phase 3		
Power expert opinion - 22As	High Level Plan	This will include looking at previous modelling exercises to see if specific applications have been included.
Route led Performance Intelligence - 22As	High Level Plan	
Priority Date Notification and Bid - all Operators (D40)		Calendar of Milestone Dates not published.
Timetable Production Start		Calendar of Milestone Dates not published.
Access Rights Compliance Check (ScotRail only)		Normal SoAR process will follow - not shown here.
Train Plan Evaluation (TP-REP)	Priority Date Notification & Bid - all Operators (D40)	Meeting will be held as per governing standard
Operational Risk Assessment - all applications	Priority Date Notification & Bid - all Operators	e.g. Level Crossing ALCRM, SPAD Risk
Operations Risk - all applications	Priority Date Notification & Bid - all Operators	e.g. Signaller Workload
Infrastructure Risk - all applications	Priority Date Notification & Bid - all Operators	e.g. Maintenance Access, Asset reliability
Route led Performance Intelligence - all applications	Priority Date Notification & Bid - all Operators (D40)	Including Platform Docking at Edinburgh Waverley.
Power Modelling	New Working Timetable - all Operators.	
Regular updates with Regulatory Reform, ORR and Route stakeholders		
Timetable Go Live		

## Annex D – Interacting Applications Matrix

Operator/Application/Type				A - WCML south	B - Birmingham	C - BHM-Derby	D - Derby-Sheffield	E - Sheffield	F - ECML&Leeds	G - Oxford	H - Gloucester	I - Cardiff
	Dec-24	May-25	Dec-25									
Colas 10th SA 22a	X	X	X			X	X	X	X			X
DBC 72nd SA 22a	X	X	X				X	X	X			
DBC 73rd SA 22a	X	X	X					X	X			
DBC 79th SA 22a	X	X	X			X			X	X		X
DBC 81st SA 22a	X	X	X		X	X	X	X	X	X	X	X
DBC 86th SA 22a	X	X	X					X	X			
DBC 87th SA 22a	X	X	X		X	X	X	X	X		X	X
DBC 88th SA 22a	X	X	X				X	X	X			
DBC 70th SA 22	X	X	X		X	X	X	X	X	X		
GBRf 34th SA 22a	X	X	X	X	X	X	X		X	X	X	
GBRf 25th SA 22a	X	X	X	X	X	X	X	X	X	X		
GBRf 28th SA 22	X	X	X	X					X			
GBRf 41st SA 22A	X	X	X						X			
Varamis 2nd SA 22a	X	X	X	X	X				X			
CrossCountry UC, Hydra, Stansted 17	X	X	X		X	X	X	X	X	X	X	X
FLIM 25th SA 22A	X	X	X	X	X	X		X	X	X		
DRS 17th SA 22A	X	X	X	X	X	X	X	X	X		X	X
EMR 21st SA 22A	X	X	X				X	X	X			
FLHH 25th SA 22A	X	X	X	X	X	X	X	X	X	X	X	
FLHH 26th SA 22A	X	X	X				X	X	X			
FLHH 27th SA 22A	X	X	X		X	X	X	X	X	X	X	X
FLHH 28th SA 22A	X	X	X	X	X	X	X	X	X		X	X
FLIM 24th SA 22A	X	X	X	X	X	X			X			
FLIM 26th SA 22A	X	X	X	X			X	X	X	X		
Govia Thames Railway 62nd SA 22A	X	X	X						X			
Grand Central 24th SA 22A	X	X	X						X			
Hull Trains 28th SA 22A	X	X	X						X			
Hull Trains 29th SA 22A	X	X	X						X			
LNER 37th SA 22A	X	X	X						X			
LNER 38th SA 22A	X	X	X						X			
Lumo 11th SA 22A	X	X	X						X			
Northern 57th SA 22	X	X	X					X	X			
Scotrail 49th SA 22a	X	X	X						X			
TPT 58th SA 22a	X	X	X					X	X			

Govia Thames Railway 63rd SA 22A		x	x						x			
Grand Central 28th SA 22A		x	x						x			
Hull Trains 27th SA 22A		x	x					x	x			
LNER 34th SA 22A		x	x						x			
LNER 36th SA 22A		x	x						x			
Lumo 12th SA 22A		x	x						x			
Northern 59th SA 22a		x	x					x	x			
Northern 60th SA 22a		x	x					x	x			
Scotrail 50th SA 22a		x	x						x			
TPT 62nd SA 22a		x	x						x			
TPT 63rd SA 22a		x	x						x			
Alliance Rail Cardiff - Edinburgh 17			x		x	x	x	x	x		x	x
EMR 19th SA 22A			x						x			
LIS 2nd SA 22a			x						x			
Scotrail 51st SA 22a			x						x			
TPT 64th SA 22a			x					x	x			
TPT 65th SA 22a			x						x			
LNER 35th SA 22A May '28									x			



