

# HIGH SPEED UK : I02

Infrastructure Diagrams illustrating  
HSUK/TartanTrax proposals for  
development of Scottish network

- I02A Existing Scottish network
- I02B HSUK/TT Proposed Passenger Works
- I02C HSUK/TT Passenger Works Classified
- I02D HSUK/TT Proposed Freight Works
- I02E HSUK/TT Freight Works Classified
- I02F HSUK/TT Proposed Electrification
- I02G *awaiting publication*
- I02H HSUK/TT Intercity & Local Network
- I02I HSUK/TartanTrax Intercity Services
- I02J HSUK/TartanTrax 'Tube Map'
- I02K Current Government Proposals (CP974)

September 2025 Update

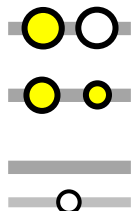
# HSUK/TARTAN TRAX EXISTING SCOTTISH RAIL NETWORK

**I02A**

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**Tartan Trax**  
working with...  
**High Speed UK**

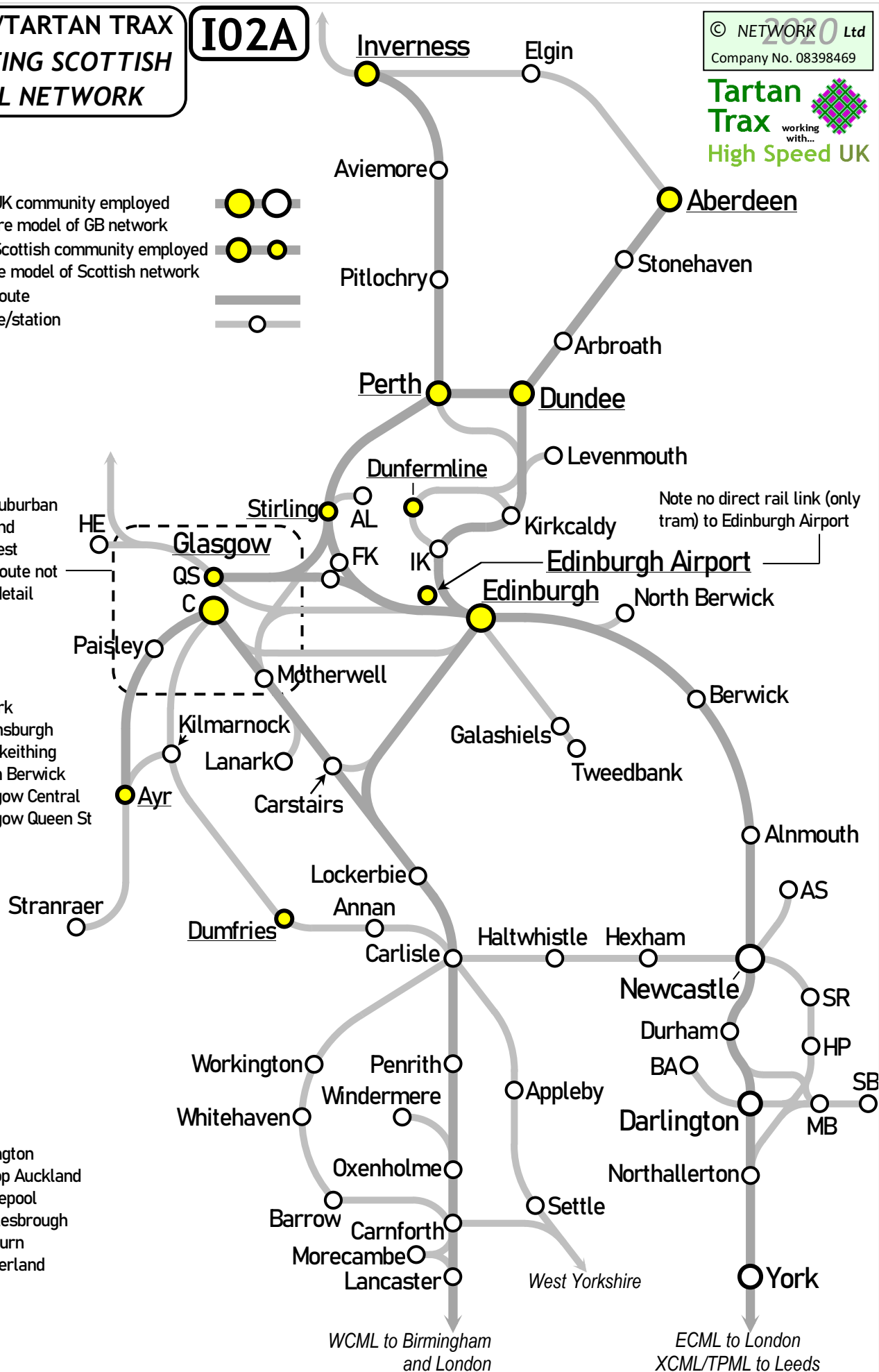
Principal UK community employed  
in 55-centre model of GB network  
Principal Scottish community employed  
in 11-centre model of Scottish network  
Principal route  
Other route/station



Glasgow suburban  
network and  
onward West  
Highland route not  
shown in detail

AL Alloa  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
NB North Berwick  
C Glasgow Central  
QS Glasgow Queen St

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland



# HSUK/TARTAN TRAX PROPOSED MAJOR WORKS/UPGRADES

I02B

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HSUK/TT/NN operating on...

- New line (i/c & local) —
- Restored line —
- Upgraded line —
- Existing line, no major upgrade required —
- New/modified/existing station served by HSUK ●
- Other route/station ○
- Further details of local works in Document Ixx Ixx

## Route electrified where necessary

Future 'Crossrail' link between rail networks to north & south of Glasgow shown indicatively

- AL Alloa
- FK Falkirk
- HE Helensburgh
- IK Inverkeithing
- NB North Berwick
- C Glasgow Central
- QS Glasgow Queen St

Restored south-to-east curve for direct Lanark-Edinburgh service

New stations at Beattock, Symington et al exploiting capacity released by diversion of time-sensitive trunk flows to HSUK  
Caledonian route via Annan restored to enable direct Dumfries-Edinburgh service

- AS Ashington
- BA Bishop Auckland
- HP Hartlepool
- MB Middlesbrough
- SB Saltburn
- SR Sunderland

Only works necessary for HSUK 'Demonstrator Timetable' intercity services illustrated

Cumbrian Coast line (aka Energy Coast line) upgraded to enable hourly service throughout, half-hourly Carlisle-Whitehaven

WCML to London and Birmingham

Main line platforms restored at C'forth

York bypass if required

HSUK to Northern cities, Midlands cities & London



# HSUK/TARTAN TRAX CLASSIFICATION OF PASSENGER WORKS

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**Tartan Trax**  
working with...  
**High Speed UK**

New/upgraded civils infrastructure itemised in estimate

A5 A6 A3 A4

New or upgraded station

○

Lines req<sup>d</sup> electrification only, no major civils, for HSUK intercity network operation

Z37

HSUK trunk Anglo-Scottish freight route & terminal

—

HSUK on ex<sup>d</sup> electric route, no major civils

—

Other local routes, no major civils

○

Future 'Crossrail' link between rail networks to north & south of Glasgow shown indicatively

C Glasgow Central  
QS Glasgow Queen St  
AL Alloa  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
NB North Berwick

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland

Only works necessary for  
HSUK 'Demonstrator  
Timetable' intercity  
services illustrated



# HSUK/TARTAN TRAX PROPOSED FREIGHT WORKS

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**Tartan Trax**  
working with...  
**High Speed UK**

- New-build line for freight █
- Upgraded route for freight █
- Restoration of abandoned route for freight █
- Principal freight hub ○
- HSUK/TartanTrax intercity passenger route —
- Other freight/passenger route —

- C Glasgow Central
- QS Glasgow Queen St
- AL Alloa
- FK Falkirk
- HE Helensburgh
- IK Inverkeithing
- NB North Berwick

- AS Ashington
- BA Bishop Auckland
- HP Hartlepool
- MB Middlesbrough
- SB Saltburn
- SR Sunderland

Only works necessary for  
HSUK 'Demonstrator  
Timetable' intercity  
services illustrated



# HSUK/TARTAN TRAX CLASSIFICATION OF FREIGHT WORKS

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**Tartan Trax**  
working with...  
**High Speed UK**

HSUK/TartanTrax routes requiring major civils works & electrification listed elsewhere

New/upgraded civils infrastructure, for HSUK freight network, itemised in estimate

Principal freight hub

HSUK/TartanTrax on existing route

TartanTrax local routes

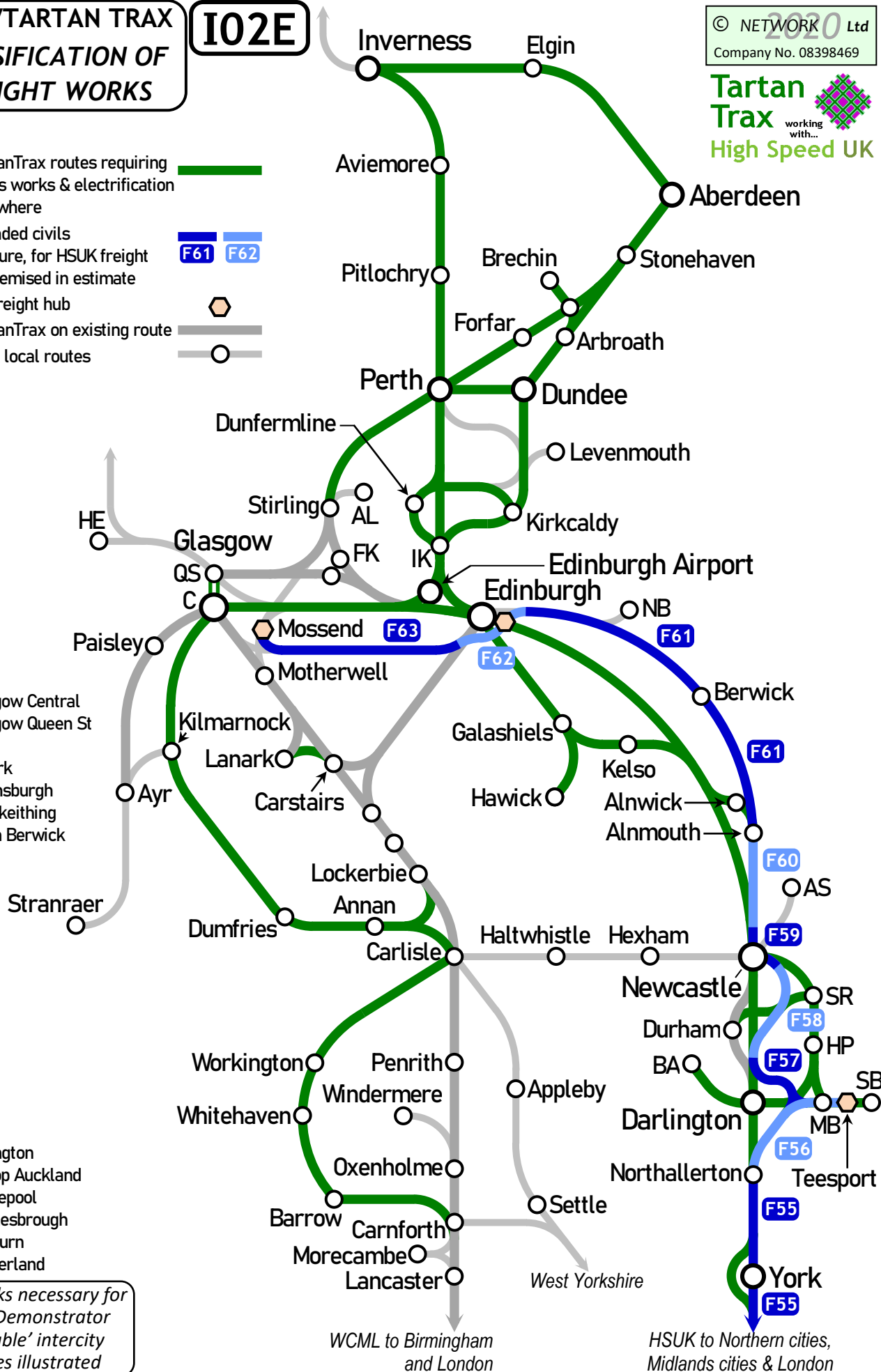
F61 F62



C Glasgow Central  
QS Glasgow Queen St  
AL Alloa  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
NB North Berwick

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland

Only works necessary for  
HSUK 'Demonstrator  
Timetable' intercity  
services illustrated



# HSUK/TARTAN TRAX PROPOSED NETWORK ELECTRIFICATION

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**Tartan Trax**  
working with...  
**High Speed UK**

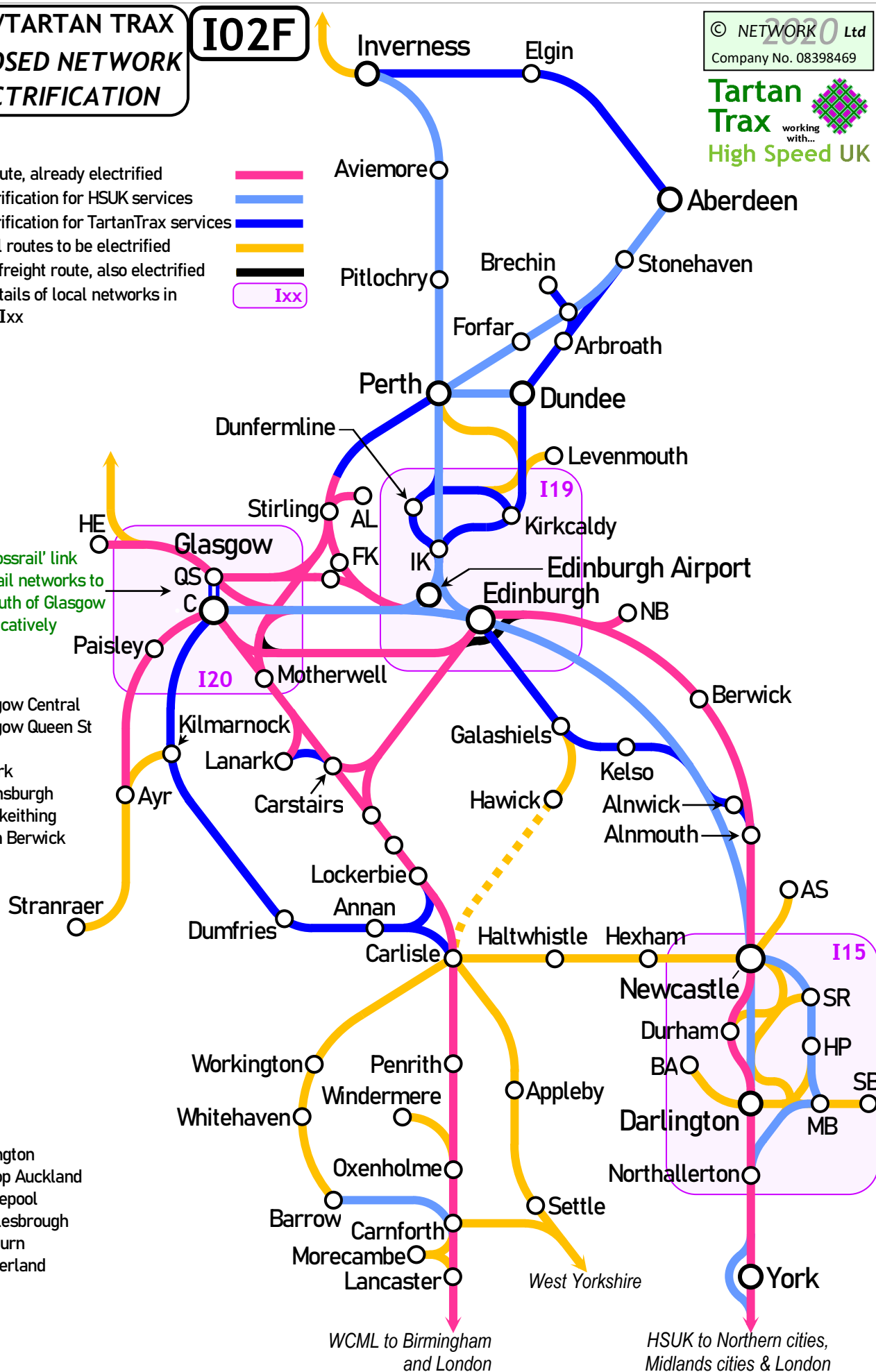
Existing route, already electrified  
New electrification for HSUK services  
New electrification for TartanTrax services  
Other local routes to be electrified  
Dedicated freight route, also electrified  
Further details of local networks in Document Ixx



Future 'Crossrail' link between rail networks to north & south of Glasgow shown indicatively

C Glasgow Central  
QS Glasgow Queen St  
AL Alloa  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
NB North Berwick

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland



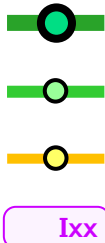
# HSUK/TARTAN TRAX PROPOSED LOCAL & INTERCITY SERVICES

**I02H**

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**Tartan Trax**  
working with...  
**High Speed UK**

Primary Scottish intercity network &  
HSUK Anglo-Scottish trunk route  
Other HSUK i/c route & TartanTrax  
regional route/station served  
TartanTrax/Network North local  
passenger services (selected)  
Further details of local conurbation  
networks in Document Ixx



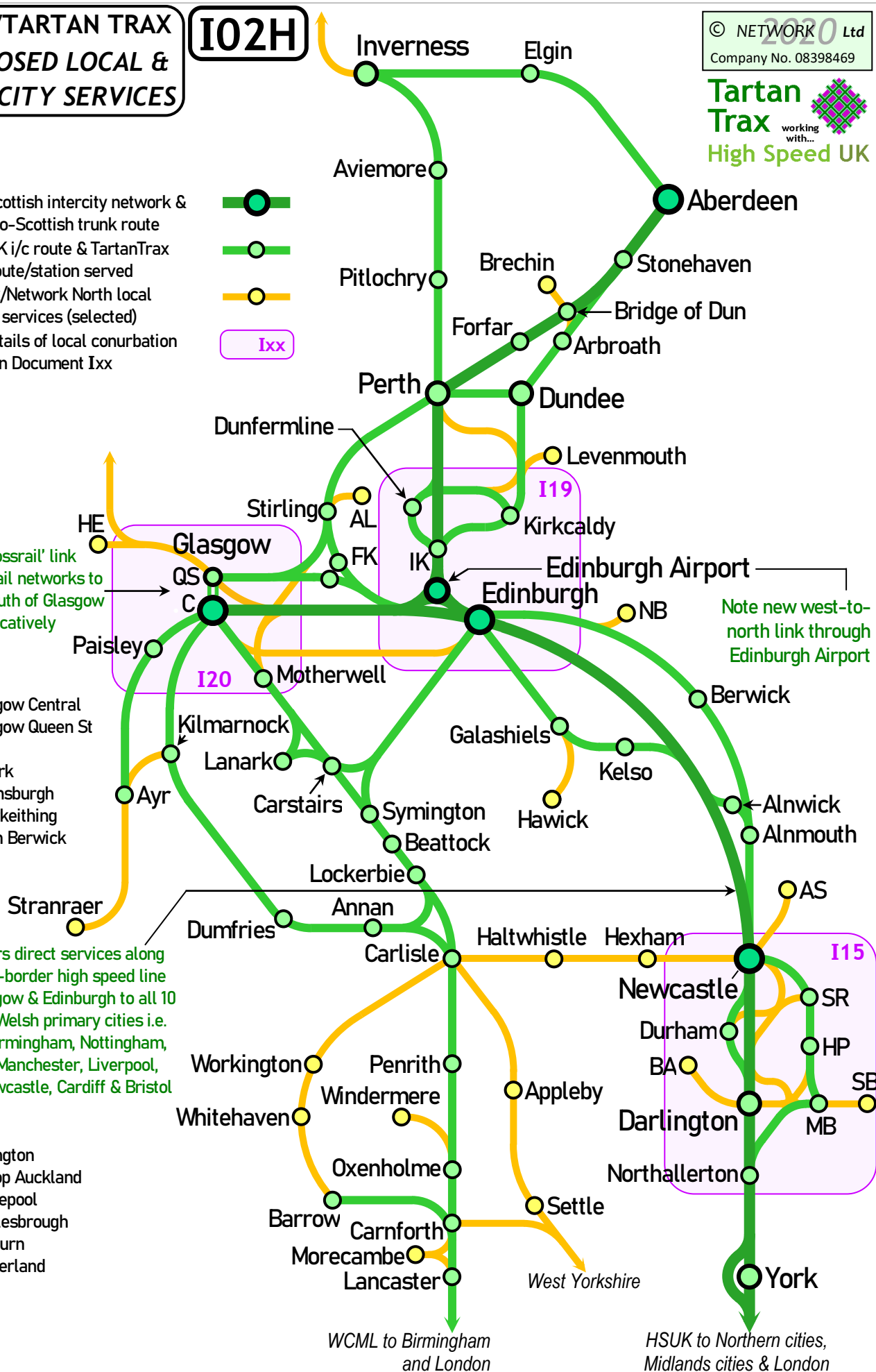
Future 'Crossrail' link  
between rail networks to  
north & south of Glasgow  
shown indicatively

Note new west-to-  
north link through  
Edinburgh Airport

C Glasgow Central  
QS Glasgow Queen St  
AL Alloa  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
NB North Berwick

HSUK offers direct services along  
new cross-border high speed line  
from Glasgow & Edinburgh to all 10  
English & Welsh primary cities i.e.  
London, Birmingham, Nottingham,  
Sheffield, Manchester, Liverpool,  
Leeds, Newcastle, Cardiff & Bristol

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland

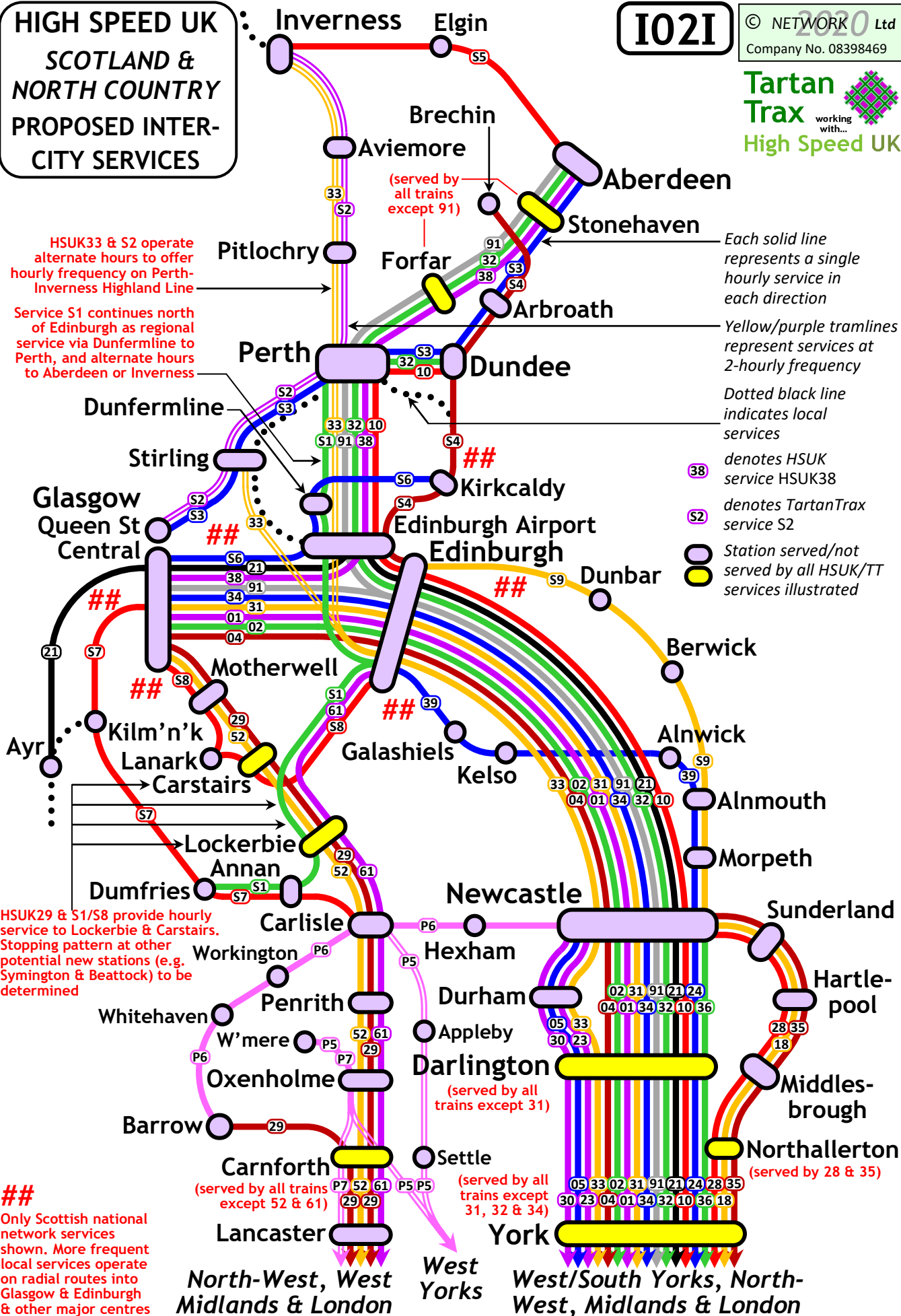


# HIGH SPEED UK SCOTLAND & NORTH COUNTRY PROPOSED INTER- CITY SERVICES

I02I

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**Tartan Trax**  
working with...  
**High Speed UK**



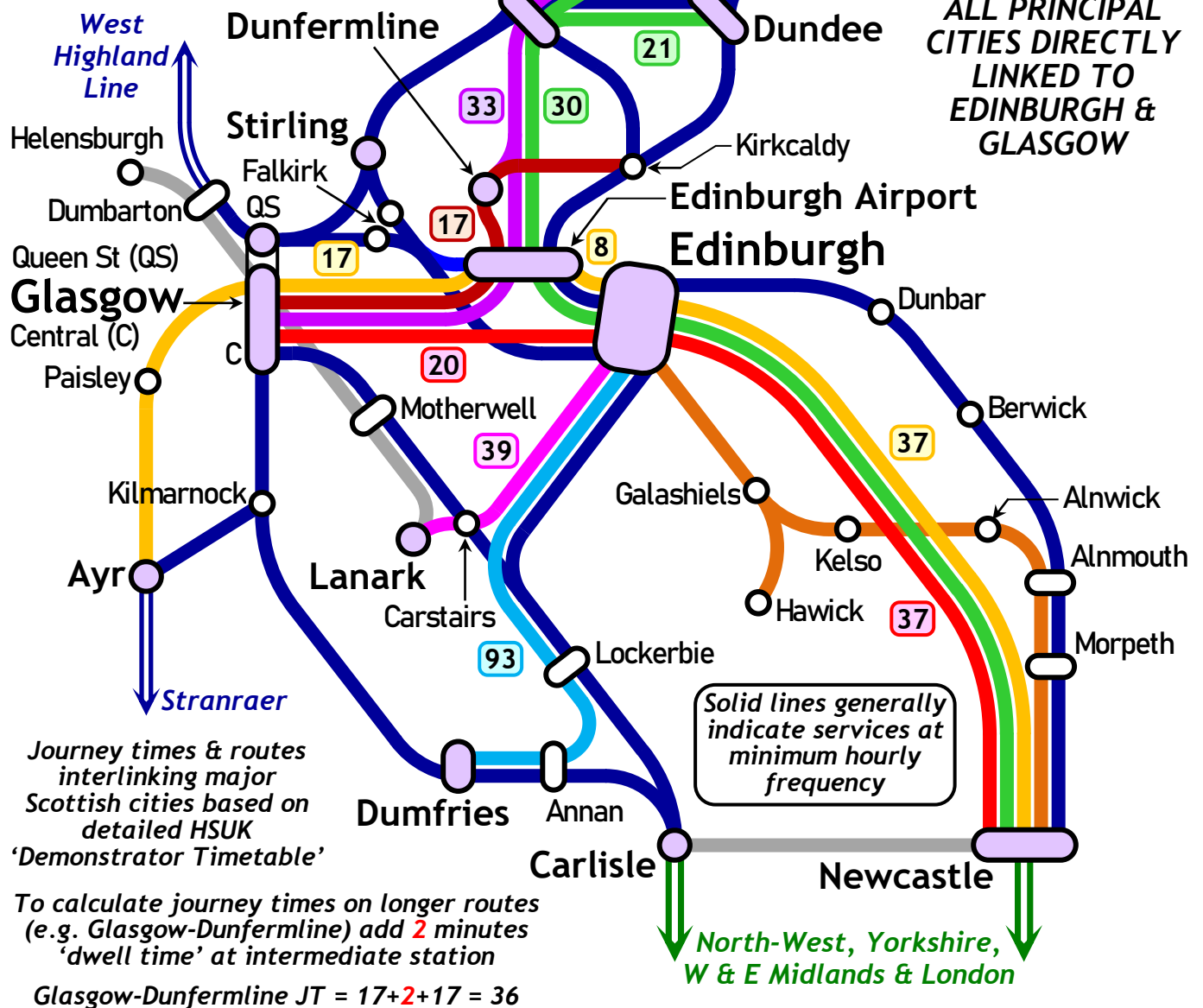
**I02J**

*Kyle Line & Far North Line*

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**Tartan Trax**  
working with...  
**High Speed UK**

-  Selected journey times (mins) between principal Scottish communities
-  Other Scottish community
-  Core HSUK/TT intercity routes between principal Scottish communities
-  Classic Scottish route, no major enhancement (other than electrification as necy)
-  New local link
-  Enhanced 'Waverley' route
-  Peripheral Scottish route
-  Primary HSUK route to other UK region



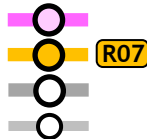
# HSUK/TARTAN TRAX CURRENT OFFICIAL 'IRP-LITE' PROPOSALS

**I02K**

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**Tartan Trax**  
working with...  
**High Speed UK**

HS2 on existing lines  
IRP-Lite scheme/new station  
Principal passenger route  
Other freight/passenger route



**Note:**  
'IRP-Lite' comprises latest Government  
rail development proposals as set out in  
Command Paper CP946

Glasgow suburban  
network and  
onward West  
Highland route not  
shown in detail

C Glasgow Central  
QS Glasgow Queen St  
AL Alloa  
DF Dunfermline  
FK Falkirk  
HE Helensburgh  
IK Inverkeithing  
LK Lanark  
NB North Berwick

**R07** New station at Ferryhill →

**R05** Cumbrian Coast line (aka  
Energy Coast line) upgraded  
to enable half-hourly  
Carlisle-Workington-  
Whitehaven service

AS Ashington  
BA Bishop Auckland  
HP Hartlepool  
MB Middlesbrough  
SB Saltburn  
SR Sunderland

**Note no direct rail link (only  
tram) to Edinburgh Airport**

**HS2 only offers 'high speed' services  
along existing WCML from Glasgow &  
Edinburgh to 2 English primary cities  
i.e. Birmingham & London**

WCML to Birmingham  
and London

ECML to London  
XCML/TPML to Leeds

