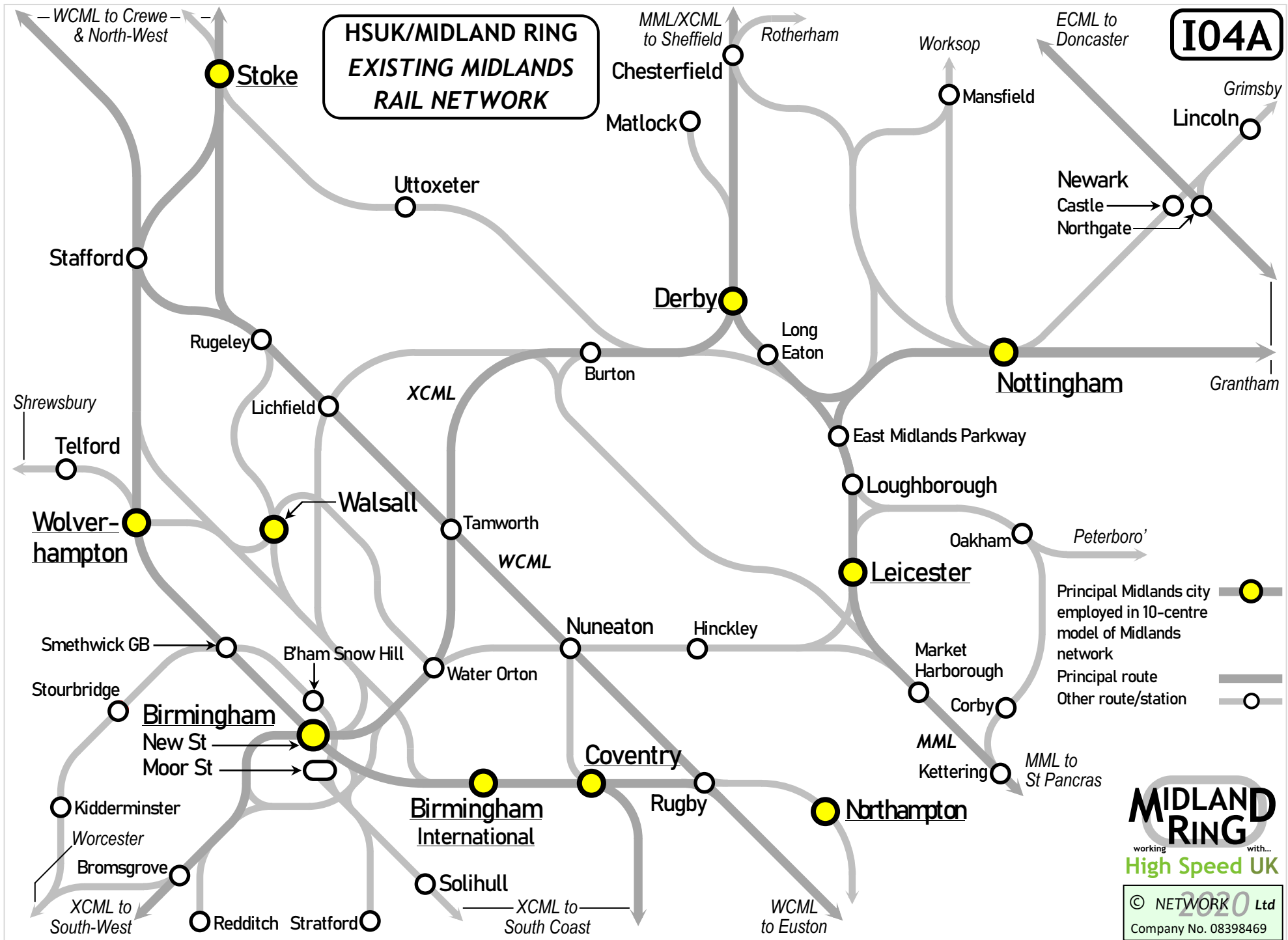


HIGH SPEED UK : I04

Infrastructure Diagrams illustrating HSUK/Midland Ring proposals for development of Midlands network

- I04A Existing Midlands network
- I04B HSUK/MR Proposed Passenger Works
- I04C HSUK/MR Passenger Works Classified
- I04D HSUK/MR Proposed Freight Works
- I04E HSUK/MR Freight Works Classified
- I04F HSUK/MR Proposed Electrification
- I04G *awaiting publication*
- I04H HSUK/MR Intercity & Local Network
- I04I HSUK/Midland Ring Intercity Services
- I04J HSUK/Midlands Ring 'Tube Map'
- I04K Current Government Proposals (CP974)

April 2024 Update



**HSUK/MIDLAND RING
EXISTING MIDLANDS
RAIL NETWORK**

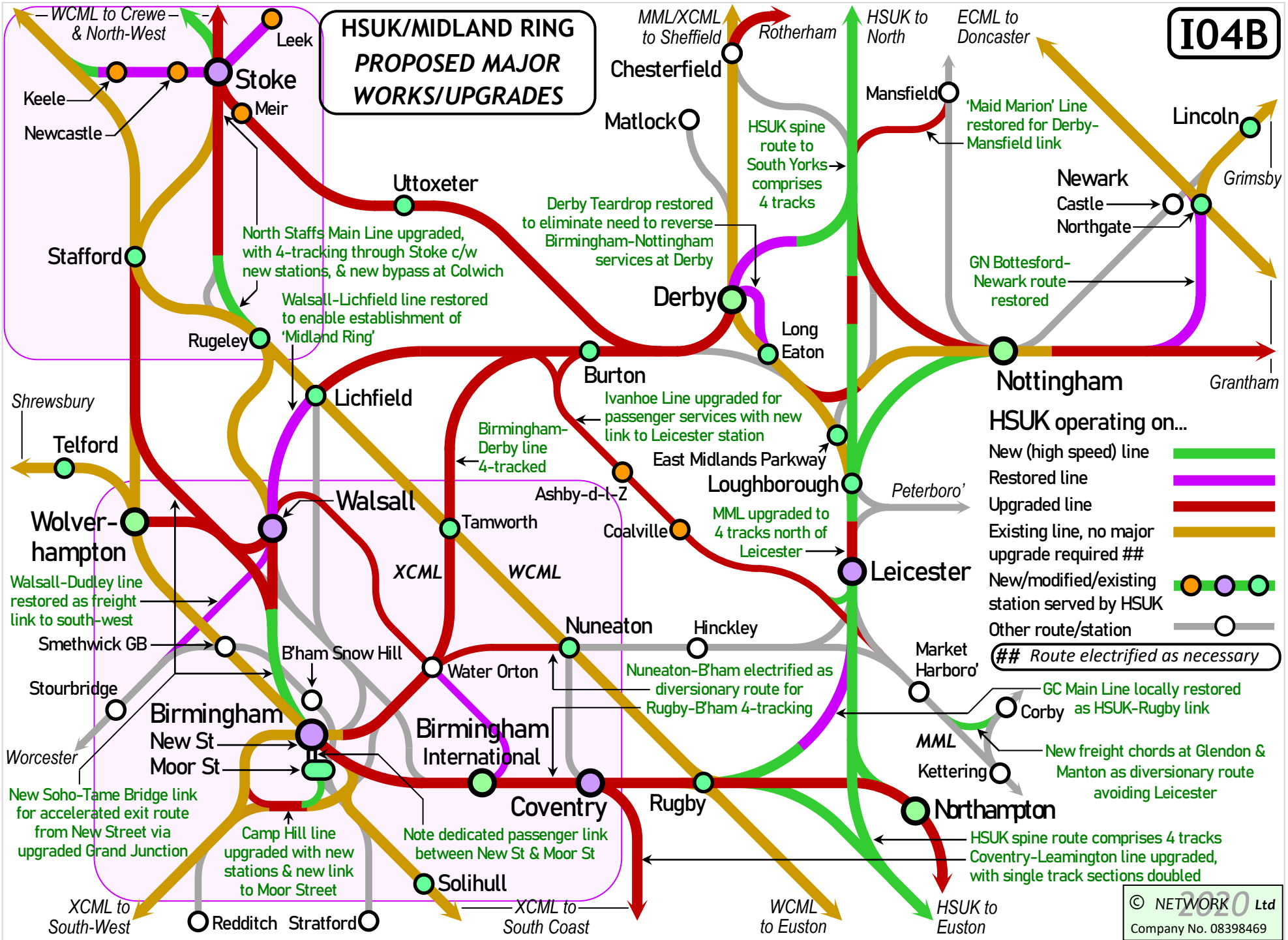
I04A

- Principal Midlands city employed in 10-centre model of Midlands network
- Principal route
- Other route/station

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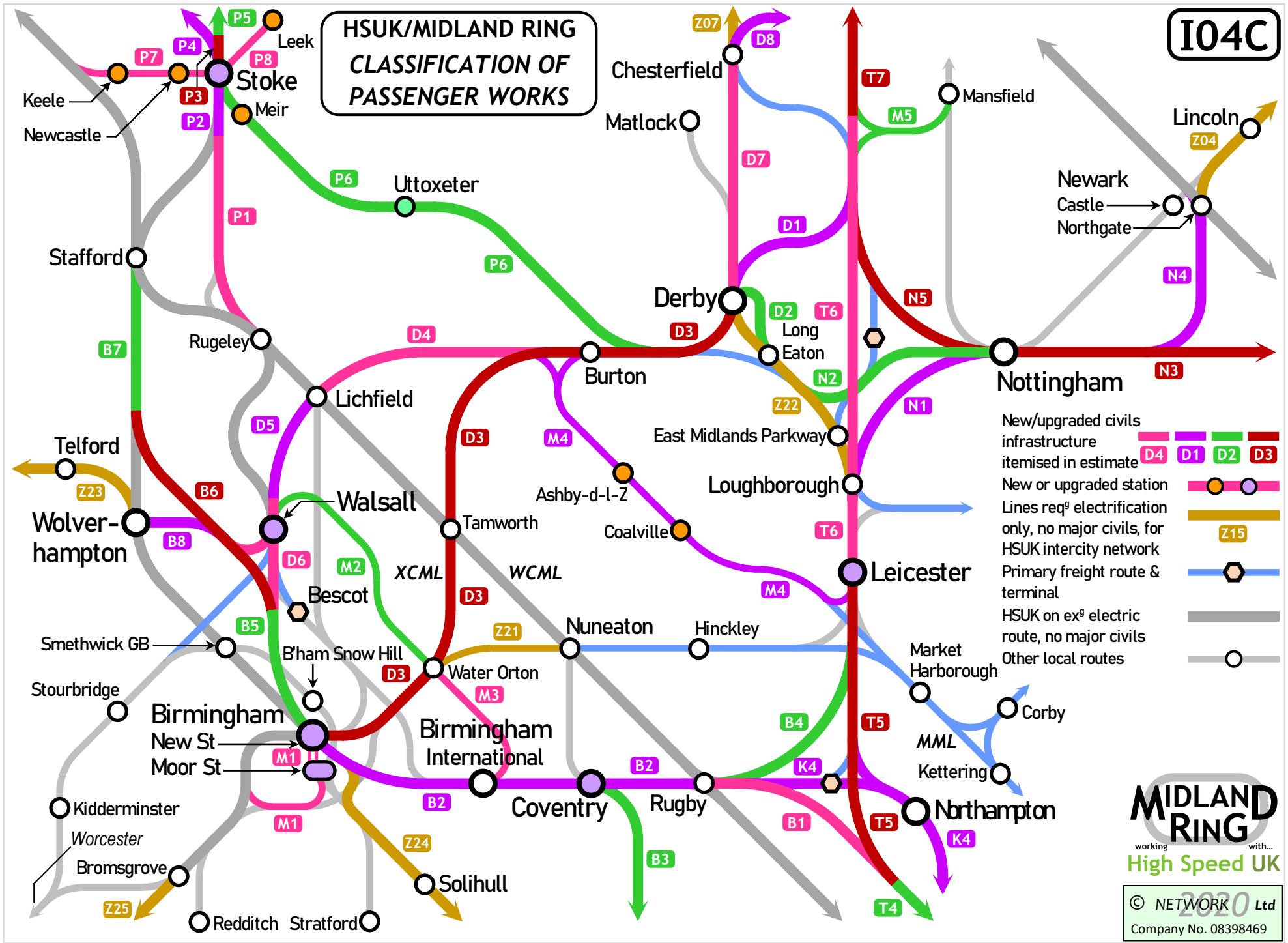
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**HSUK/MIDLAND RING
PROPOSED MAJOR
WORKS/UPGRADES**



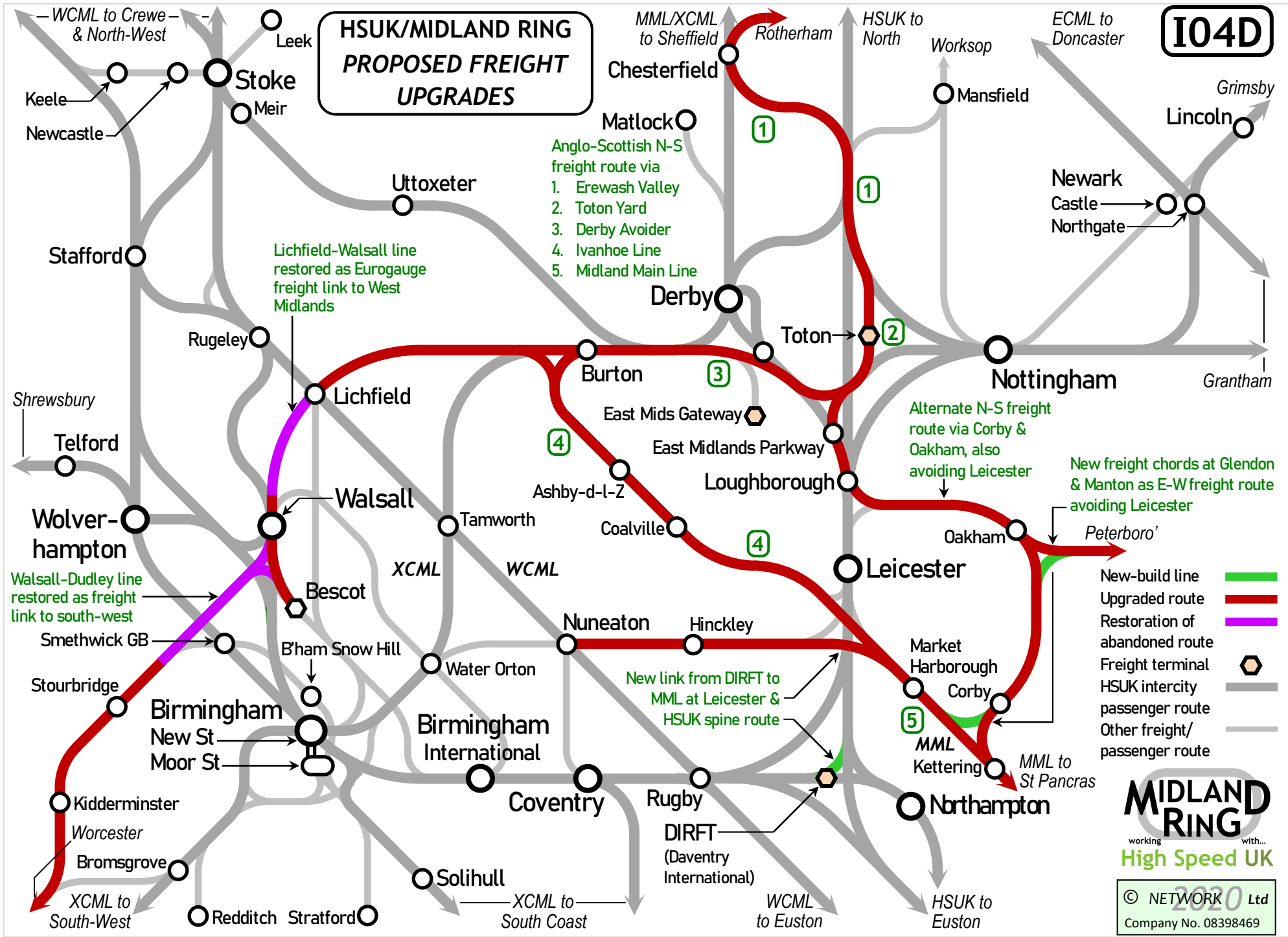
**HSUK/MIDLAND RING
CLASSIFICATION OF
PASSENGER WORKS**

I04C



- New/upgraded civils infrastructure itemised in estimate: D4 (pink), D1 (purple), D2 (green), D3 (red)
- New or upgraded station: yellow circle, purple circle, pink circle
- Lines req^d electrification only, no major civils, for HSUK intercity network: Z15 (yellow)
- Primary freight route & terminal: blue line with hexagon symbol
- HSUK on ex^g electric route, no major civils: grey line
- Other local routes: grey line with circle symbol





**HSUK/MIDLAND RING
PROPOSED FREIGHT
UPGRADES**

- Anglo-Scottish N-S freight route via
1. Erewash Valley
 2. Toton Yard
 3. Derby Avoider
 4. Ivanhoe Line
 5. Midland Main Line

Lichfield-Walsall line restored as Eurogauge freight link to West Midlands

Walsall-Dudley line restored as freight link to south-west

Alternate N-S freight route via Corby & Oakham, also avoiding Leicester

New freight chords at Glendon & Manton as E-W freight route avoiding Leicester

New link from DIRFT to MML at Leicester & HSUK spine route

- New-build line █
- Upgraded route █
- Restoration of abandoned route █
- Freight terminal
- HSUK intercity passenger route
- Other freight/ passenger route

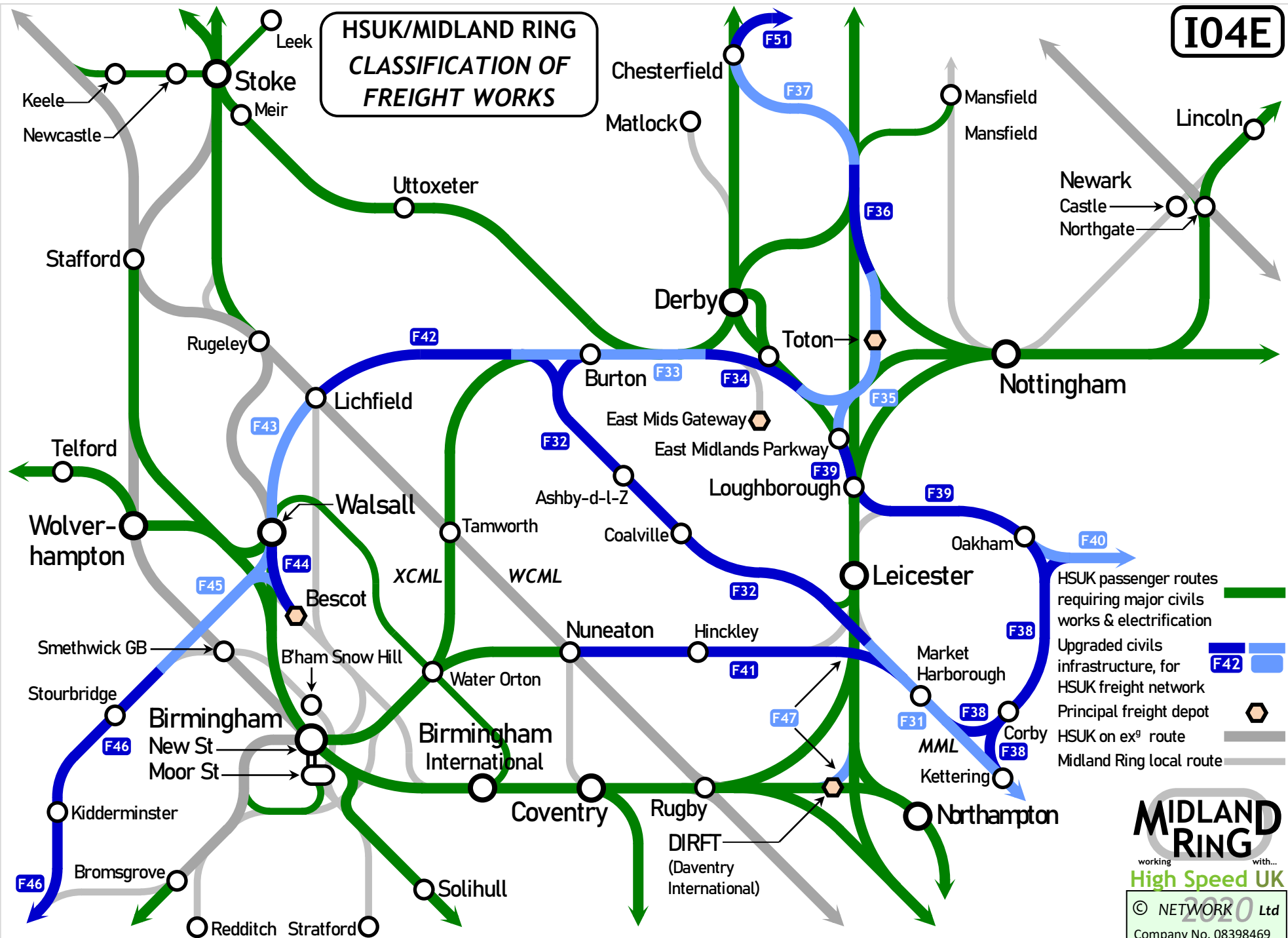
I04D

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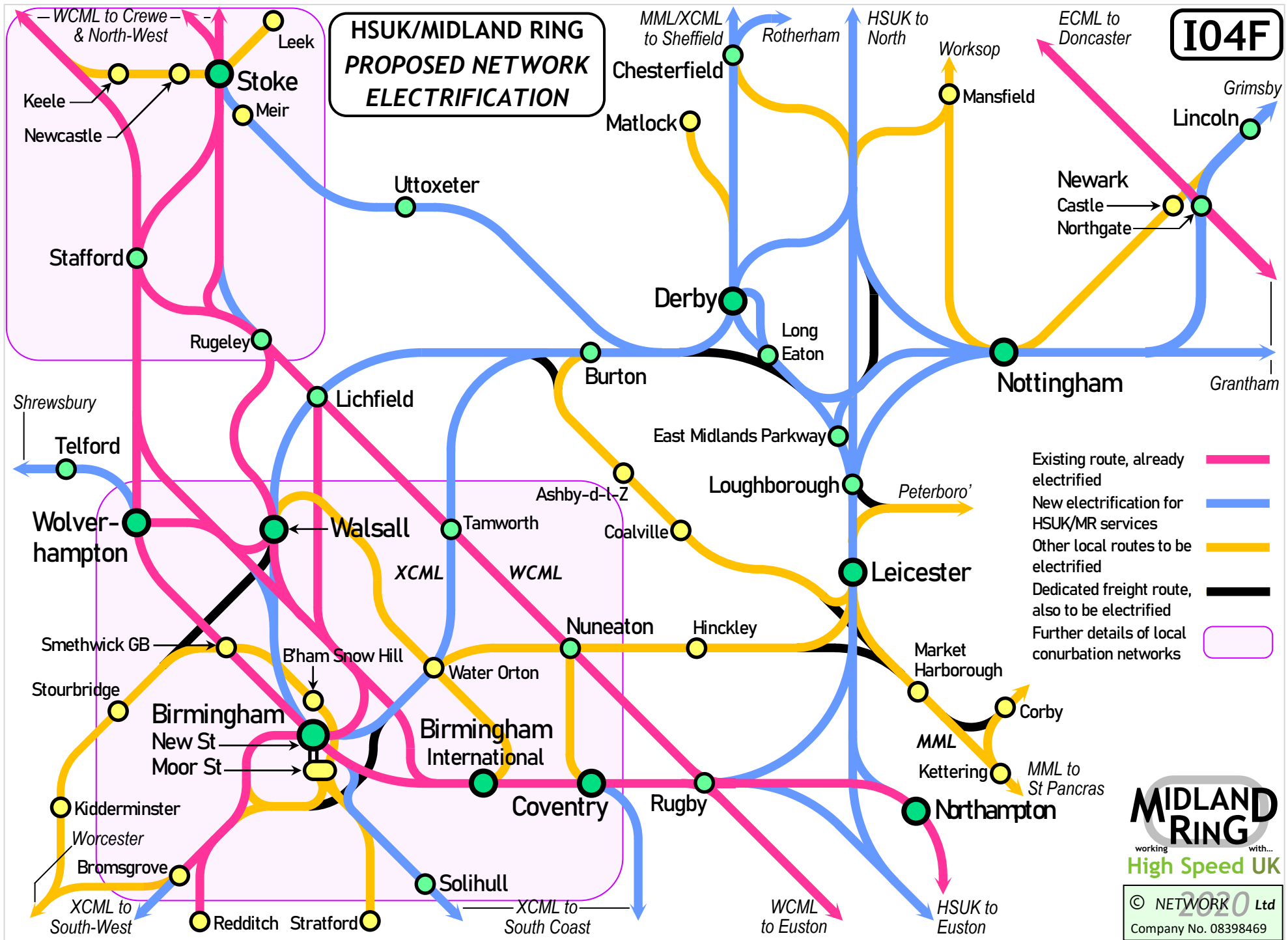
I04E

HSUK/MIDLAND RING CLASSIFICATION OF FREIGHT WORKS



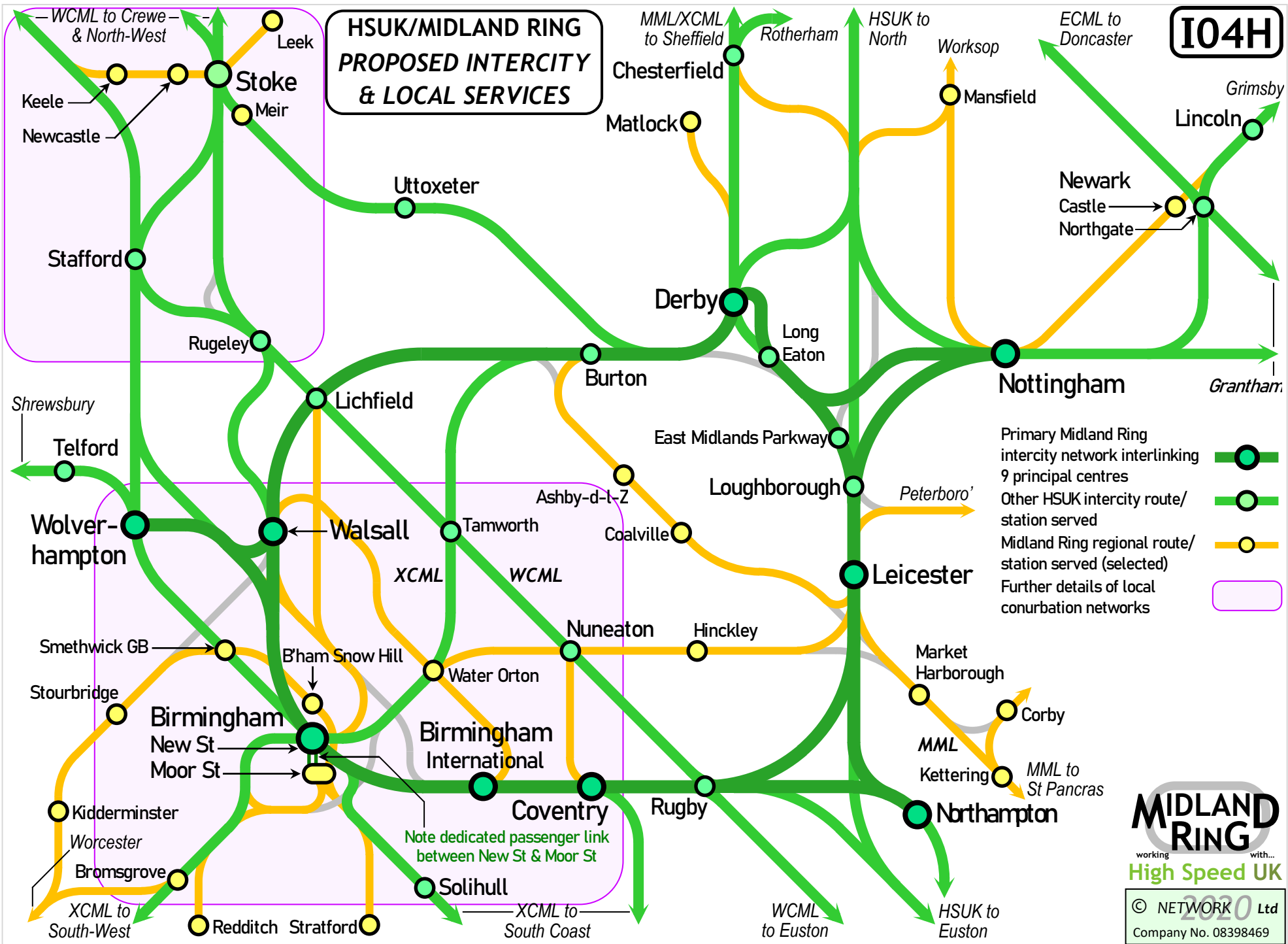
- HSUK passenger routes requiring major civils works & electrification
- Upgraded civils infrastructure, for HSUK freight network
- Principal freight depot
- HSUK on ex^g route
- Midland Ring local route

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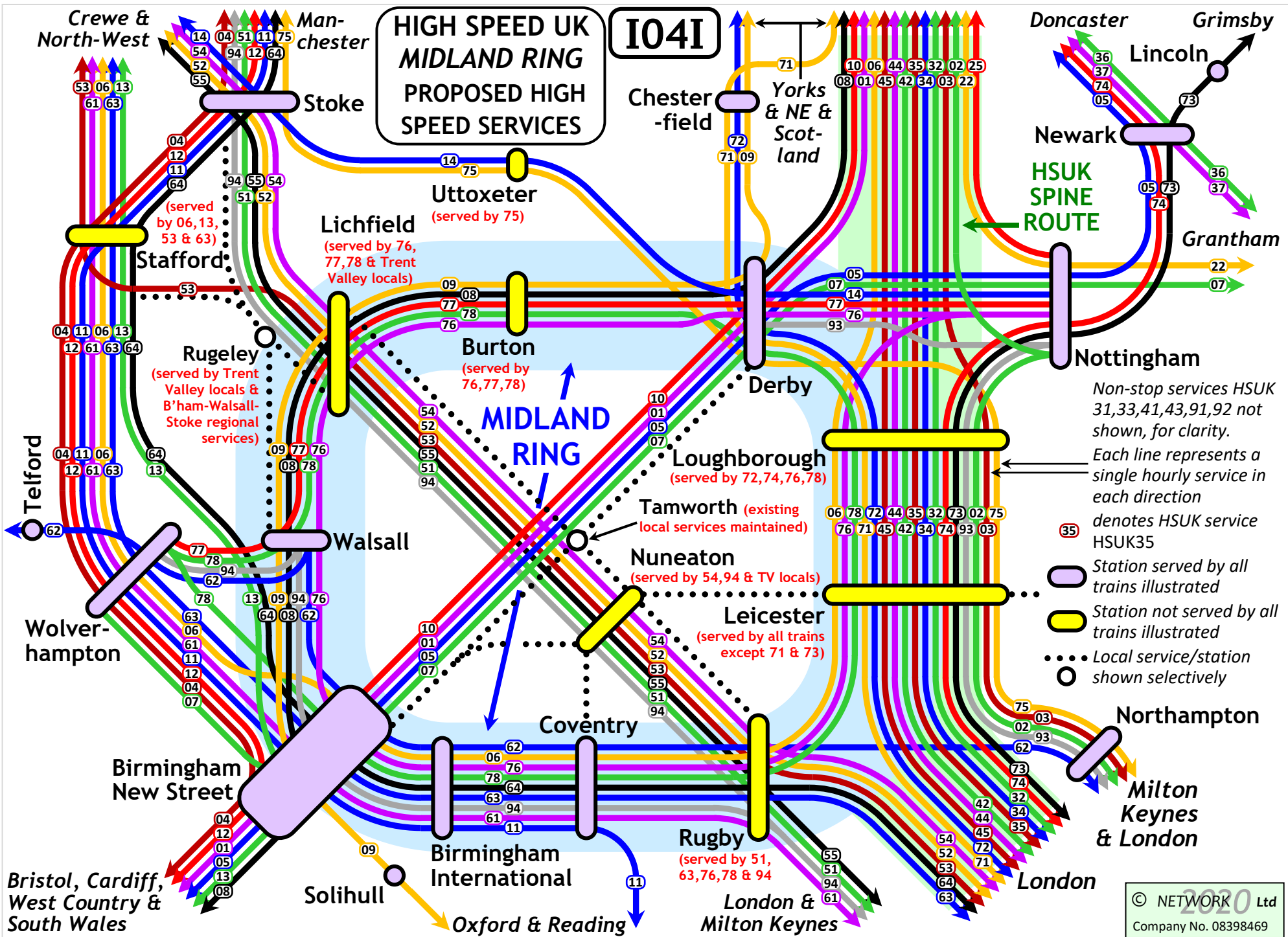
I04H

**HSUK/MIDLAND RING
PROPOSED INTERCITY
& LOCAL SERVICES**



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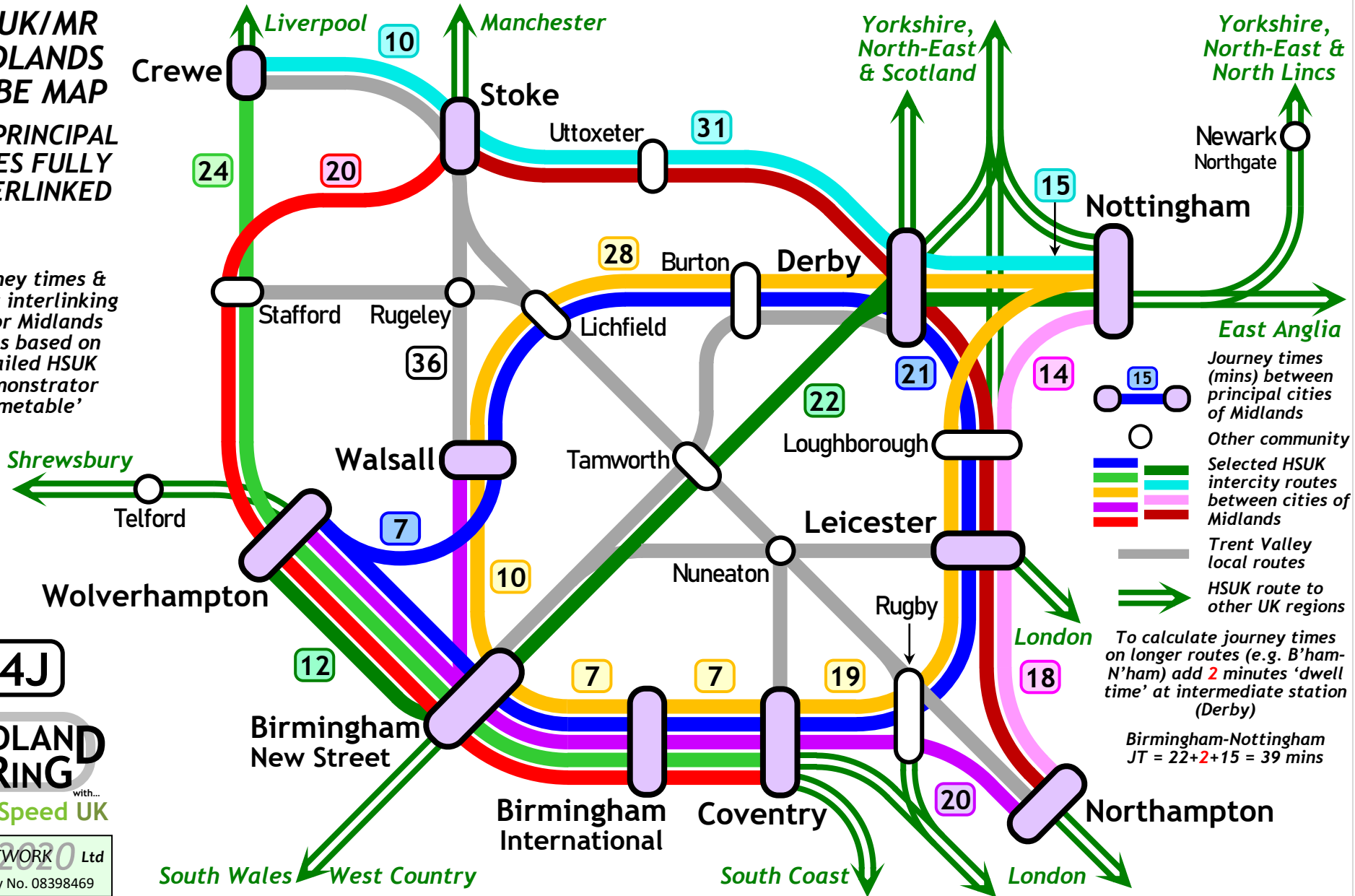
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HSUK/MR MIDLANDS TUBE MAP

ALL PRINCIPAL CITIES FULLY INTERLINKED

Journey times & routes interlinking major Midlands cities based on detailed HSUK 'Demonstrator Timetable'



- East Anglia**
- Journey times (mins) between principal cities of Midlands
- Other community
- Selected HSUK intercity routes between cities of Midlands
- Trent Valley local routes
- HSUK route to other UK regions

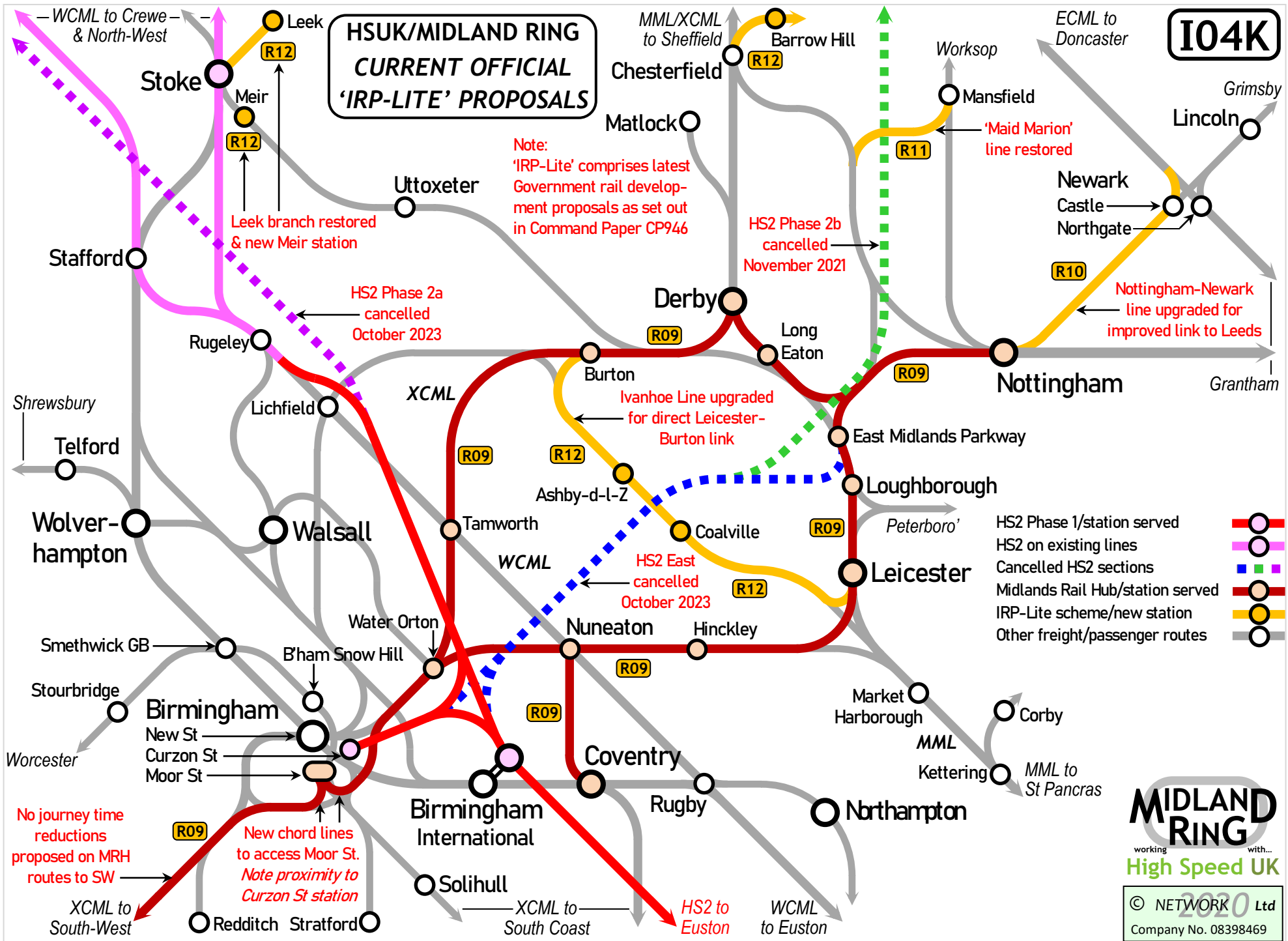
To calculate journey times on longer routes (e.g. B'ham-N'ham) add 2 minutes 'dwell time' at intermediate station (Derby)

Birmingham-Nottingham JT = 22+2+15 = 39 mins

I04J

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**HSUK/MIDLAND RING
CURRENT OFFICIAL
'IRP-LITE' PROPOSALS**

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

I04K

- HS2 Phase 1/station served
- HS2 on existing lines
- - - Cancelled HS2 sections
- Midlands Rail Hub/station served
- IRP-Lite scheme/new station
- Other freight/passenger routes

No journey time
reductions
proposed on MRH
routes to SW

New chord lines
to access Moor St.
Note proximity to
Curzon St station

HS2 Phase 2b
cancelled
November 2021

HS2 Phase 2a
cancelled
October 2023

Ivanhoe Line upgraded
for direct Leicester-
Burton link

HS2 East
cancelled
October 2023

'Maid Marion'
line restored

Nottingham-Newark
line upgraded for
improved link to Leeds

XCML to
South-West

XCML to
South Coast

HS2 to
Euston

WCML
to Euston

MML
to St Pancras

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