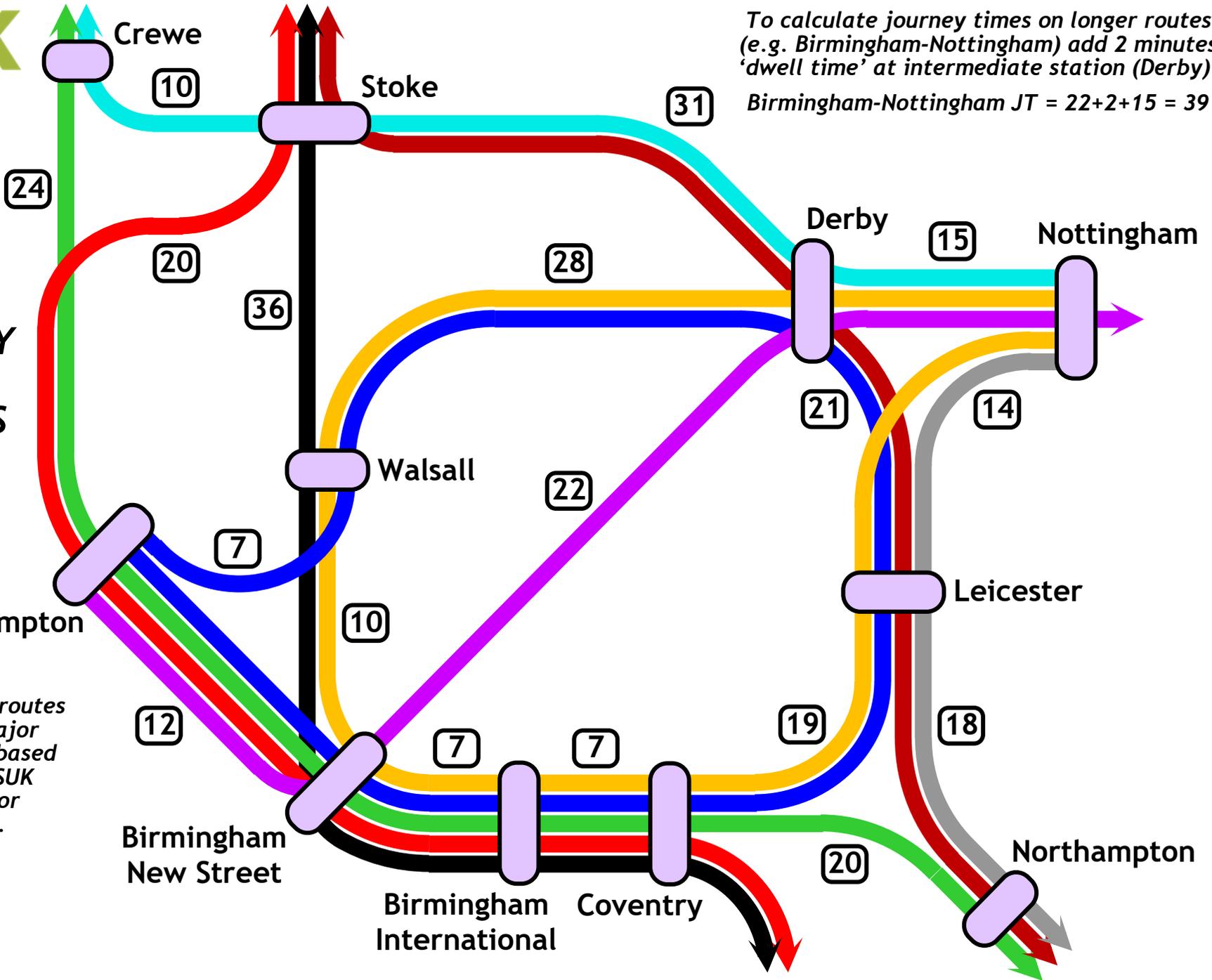




To calculate journey times on longer routes
(e.g. Birmingham-Nottingham) add 2 minutes
'dwell time' at intermediate station (Derby).
Birmingham-Nottingham JT = 22+2+15 = 39

**HSUK
INTERCITY
LINKS IN
MIDLANDS**



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

HSUK INTERCITY LINKS IN NORTHERN POWERHOUSE REGION.

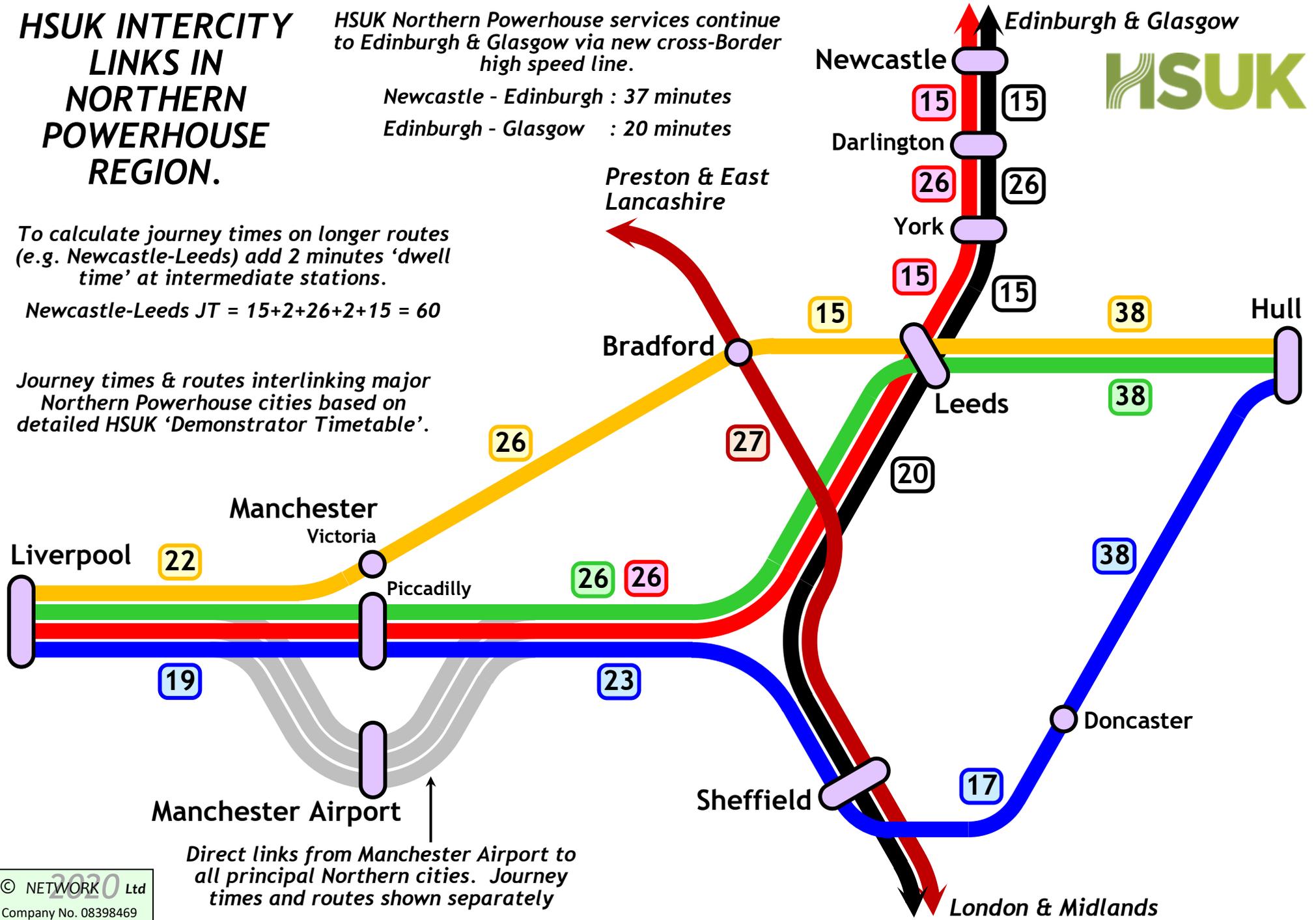
HSUK Northern Powerhouse services continue to Edinburgh & Glasgow via new cross-Border high speed line.

Newcastle - Edinburgh : 37 minutes
 Edinburgh - Glasgow : 20 minutes

To calculate journey times on longer routes (e.g. Newcastle-Leeds) add 2 minutes 'dwell time' at intermediate stations.

Newcastle-Leeds JT = 15+2+26+2+15 = 60

Journey times & routes interlinking major Northern Powerhouse cities based on detailed HSUK 'Demonstrator Timetable'.



Direct links from Manchester Airport to all principal Northern cities. Journey times and routes shown separately



HSUK AIRPORT LINKS IN NORTHERN POWERHOUSE REGION.



To calculate journey times on longer routes (e.g. Newcastle-Manchester Airport) add 2 minutes 'dwell time' at intermediate stations.

Newcastle-Manchester Airport JT = 15+2+26+2+15+2+38 = 100

Journey times & routes interlinking major Northern Powerhouse cities based on detailed HSUK 'Demonstrator Timetable'.

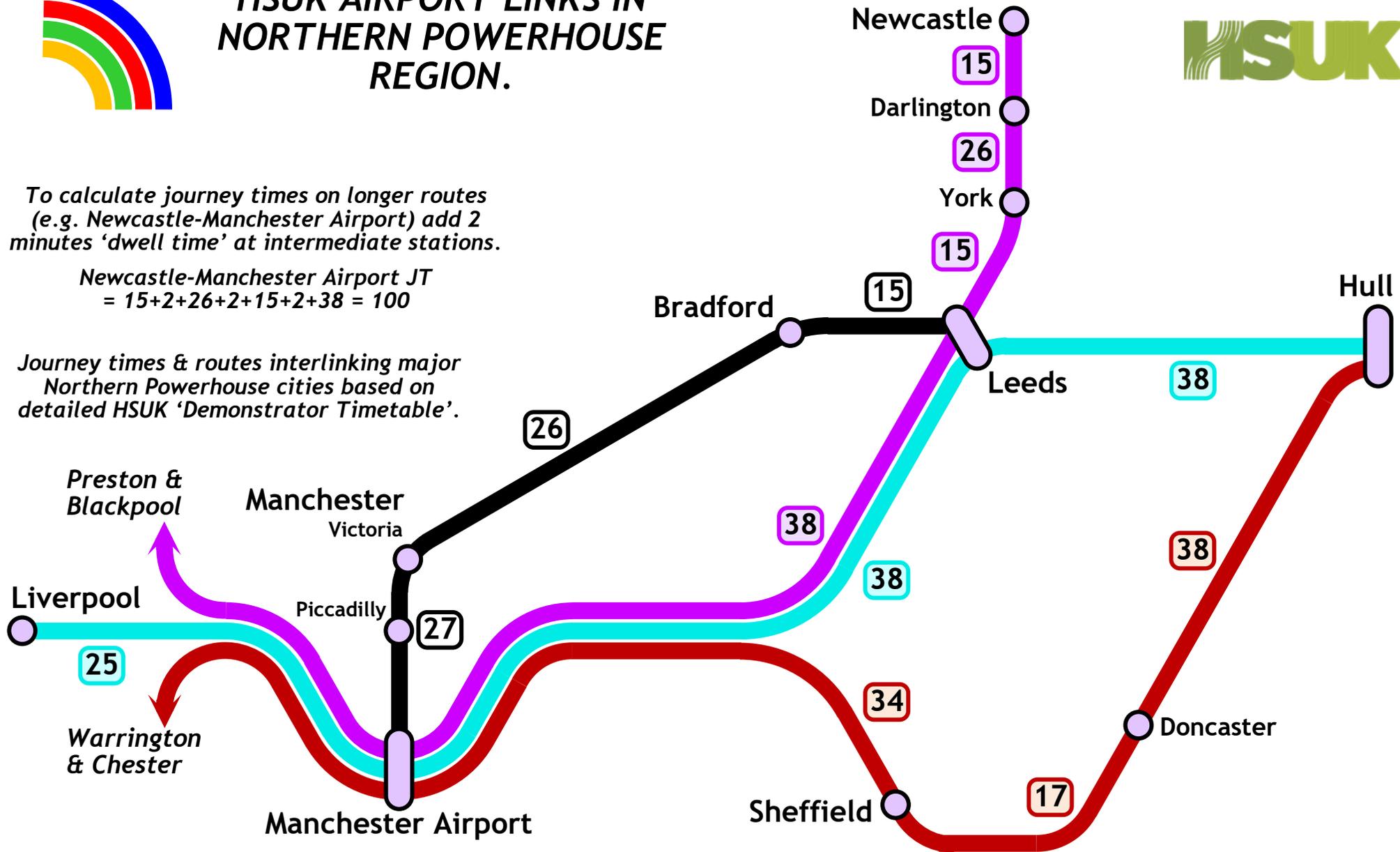


Diagram only shows direct links from Manchester Airport to principal Northern cities. Other intercity links not shown