First Character: Train Type - Aurizon Network

0 Diesel hauled Infrastructure work train
2 *Not currently in use.*
3 Diesel hauled passenger train maximum speed 80 km/h
4 Diesel-hauled empty coaches
5 Railmotor passenger
6 Diesel hauled freight train maximum speed 80 km/h
7 Diesel hauled freight train maximum speed 60 km/h
8 Diesel hauled freight train maximum speed 100 km/h
9 Aurizon Operations Diesel hauled coal or mineral train CQCN
C Pacific National Over-Length Electric hauled coal or mineral train
D BMA Over-Length Electric hauled coal or
E Aurizon Operations Electric hauled coal or mineral train CQCN
G Electric light engine
H Electrical hauled non-revenue train
I *Not used - not recommended for use*
J BMA Rail Electric hauled coal or mineral train CQCN
K Diesel Haulted Boundary Hill Reverse Load
L Diesel light engine
M Pacific National Coal Diesel hauled coal or mineral train CQCN
N Non-revenue Railmotor
O *Not used - not recommended for use*
P Diesel hauled passenger train maximum speed 100 km/h
Q Electric Multiple Unit Tilt Train (empty or passenger)
R Pacific National Over-Length Diesel hauled coal or mineral train CQCN
S Diesel yard shunt engine
T Aurizon Operations Over-Length Electric hauled coal or mineral train CQCN
U Pacific National Coal Electric hauled coal or mineral train CQCN
V Diesel Tilt Train (empty or passenger)
Y 2800 Class hauled Freight trains (BNE to ROK only) not limited by speed
Z On Track Machine/Hirail/Section Car

First Character: Train Type - Additional Nominations for Queensland Rail Network

0 Diesel hauled Infrastructure work train
1 6 car EMU or SMU in revenue service
2 EMU/SMU/IMU/ICE empty cars
3 Diesel hauled passenger train maximum speed 80 km/h
4 Diesel-hauled empty coaches
5 Railmotor passenger
6 Diesel hauled freight train maximum speed 80 km/h
7 Diesel hauled freight train maximum speed 60 km/h
8 Diesel hauled freight train maximum speed 100 km/h
9 Diesel hauled coal train
A Electrical hauled passenger train maximum speed 100 km/h
B Electric hauled empty carriages
C Electric hauled freight train maximum speed 80 km/h

D NGR in Revenue Service
F Electric hauled freight train maximum speed 100 km/h
G Electric light engine
H Electrical hauled/electric Multiple Unit non-revenue/tuition/test train
I *Not used - not recommended for use*
J Electric Multiple Unit passenger train - 3 car set
K Standard Gauge Train (Dual gauge lines)
L Diesel light engine
M Steam Hauled Train
N Non-revenue Railmotor
O *Not used - not recommended for use*
P Diesel hauled passenger train maximum speed 100 km/h
Q Electric Multiple Unit Tilt Train (empty or passenger)
R Steam/light engine / Steam hauled empty carriages
S Diesel yard shunt engine
T Electric Inter-urban Multiple Unit passenger train - 6 car set
U Electric Inter-urban Multiple Unit passenger train - 3 car set
V Diesel Tilt Train (empty or passenger)
X Inter City Electric Multiple Unit passenger train
Z On Track Machine/Hirail/Section Car

2nd Character

0 Bowen Hills/Mayne Area
1 Caboolture (Suburban)
1 Saraji mine (Mackay Coal System)
2 Townsville
2 Goonyella (Mackay Coal System)
3 Rockhampton
3 Peak Downs (Mackay Coal System)
4 Gympie North
4 Norwich Park (Mackay Coal System)
5 Beyond Darra to Grandchester (except Rosewood EMU services)
5 German Creek (Mackay Coal System)
6 Rosewood (suburban EMUs only, even numbers)
6 Beyond Grandchester to Toowoomba (all other traffic)
6 Oaky Creek (Mackay Coal System)
7 Beenleigh line (Suburban)
7 Moolabin/Clapham/Acacia Ridge (Freight)
7 Blair Athol (Mackay Coal System)
8 Cleveland (Suburban)
8 Fisherman Islands (Freight)
8 Riverside (Mackay Coal System)
9 Roma Street
9 North Goonyella (Mackay Coal System)
A Shorncliffe line (Suburban)

A Abbott Point (Bowen Coal System)
A Clermont
A Forsayth
B Pinkenba line (Suburban)
B Curragh (Gladstone Coal System)
B Box Flat (Brisbane Coal System)
B Sonoma Mine (Newlands)
B Clermont
C Corinda via South Brisbane (Suburban)
C From Corinda to Yeerongpilly (Suburban)
C Cairns
C Yongala (Gladstone Coal System)
D Darra via Toowong (Suburban)
D Proserpine
D Callemondah (Gladstone Coal System)
D Dalby
E Ferny Grove line (Suburban)
E East End (Gladstone Limestone traffic)
E Cloncurry
E Emerald
E Warwick
E Ensham (Gladstone Coal System)
E Ebenezer (Brisbane Coal System)
F Golding (Gladstone Coal System)
F Various destinations as determined by Control
– 0-79 Brisbane District
– 80-89 Rockhampton District
– 90-99 Townsville District
G Beyond Beenleigh to Robina (Suburban)
G Gladstone
G Hay Point (Mackay Coal System)
G From Maryborough to Monto
G Glenmorgan
H Boorgoon (Gladstone Coal System)
H Dirranbandi
H Hughenden
I Boonal (Gladstone Coal System – see note 4)
J Bundaberg
J Jilalan (Mackay Coal System)
J Jandowae
K Kingaroy
K Kinrola (Gladstone Coal System)
K Kuranda
K Springfield
L Cobarra
L Fishermans Landing (Gladstone Limestone traffic)
L Wandoan
L Yandina (Suburban)

L Laleham (Gladstone Coal System)
L Lake Vermont (Goonyella)
M From Cleveland to Bowen Hills (Suburban)
M Gregory (Gladstone Coal System)
M Mount Isa
M Mareeba
M Maryborough
M From Gladstone to Monto
N Exhibition via Brisbane Central (Suburban)
N Newlands (Bowen Coal System)
N Koorilgah (Gladstone Coal System)
P Barney Point (Gladstone Coal System)
P Pring (Bowen Coal System)
P Saint Lawrence
P Milmerran
P Springsure
P Airport Spur (Suburban)
Q Moura Mine (Gladstone Coal System)
Q Mary Valley Branch (Tourist Railway only)
Q Bowen
Q Quilpie
Q South Walker (Mackay Coal System)
R From Shorncliffe to Roma Street (Suburban)
R Roma
R Gracemere
R Callide Coalfields (Gladstone Coal System)
R Collinsville (Bowen Coal System)
R Burton (Mackay Coal System)
S From Shorncliffe to South Bank/Yeerongpilly (Suburban)
S McNaughton (Bowen Coal System)
S Boundary Hill/Callide to QAL Gladstone (Gladstone Coal System)
S Boorgoon to Stanwell Powerhouse (Gladstone Coal System)
S Sarina
S Charleville
T Theodore
T Phosphate Hill
T Stuart – Calcium (Limestone traffic only)
T Moranbah North (Mackay Coal System)
U Mackay
U Rolleston
U Beaudesert (Tourist Railway)
V Cunnamulla
V Biloela
V Dalrymple Bay (Mackay Coal System)
W Boundary Hill (Gladstone Coal System)
W Coppabella (Mackay Coal System)
W Beyond Emerald to Winton
W From Hughenden to Winton

W Wallangarra
W MacArthur (Mackay Coal System)
W Zillmere Area
X Exhibition Direct (Suburban)
Y Gordonstone (Gladstone Coal System)
Y Yaraka
Y Chinchilla
Y Yeppoon
Y Kippa Ring / Petrie
Z Exhibition (Suburban)
Z Gladstone Powerhouse (Gladstone Coal System)
Z Mackay Harbour

3rd Character (Special Use)

Pacific National Queensland:-

Pacific National Queensland freights use 'P' as the third character in the train ID to signify which trains they are operating (eg. 8CP1)

Work trains:
0xBx – Ballast
0xCx – Concrete sleepers
0xPx – Pantograph test train
0xRx – Railset
0xSx – Spoil/sleepers
0xTx – Test engine/train
0xWx – Wiring

Livestock trains:-

Livestock trains are represented by either a C, N or S as the the third digit.
xxNx
xxCx
xxSx
eg. 65C2, 6EC7, etc.

These represent the sector of the state the livestock originated from:-

N – Northern Division
C – Central Division
S – Southern Division

4th character – part of the train ID and direction

The 4th character is ALWAYS numeric and forms part of the train ID. In most cases, an odd 4th character is a Down Train, even for Up trains. The following exceptions apply:-

Notes:-

1. Where the 2nd character is ‘F’ (Various destinations), the 4th character can be odd or even, irrespective of direction. This is usually for “trip shunts” (7F30) and work trains (0FB9).

2. In the BSA, if a freight train changes direction to complete its journey, the Train Number assigned when the train entered the BSA is retained. (e.g. L749 Toowoomba – Acacia Ridge light engine travels in the Down direction from Toowoomba to Yeerongpilly thence in the Up direction to Acacia Ridge. The odd number is retained).

3. 2800 class loco’s are “Out of Dimension of Standard Transit (ODST – outside the rollingstock gauge) which is why they have a separate train ID. Oddly enough, if a train is NOT hauled by a 2800 class, but has one as a vehicle in tow, then the applicable train number is used (6, 7, 8, C, D, F) and an OOG Authority is generated for that train.

4. With coal and BSA suburban traffic, trains are usually numbered progressively starting from either xxx1 (Down) or xxx2 (Up) at midnight each day. For all other traffic, there is no real pattern to numbering.