



DRIVERS ROUTE KNOWLEDGE DIAGRAMS CITY CIRCLE

CENTRAL

TOWN HALL

WYNYARD

CIRCULAR QUAY

ST JAMES

MUSEUM

CENTRAL

Effective Date: February 2025

Version: 4.33

Explanatory Notes:

Navigate to your area of interest via the station index or by using links created in Adobe bookmarks.

This document is approved for route knowledge only.

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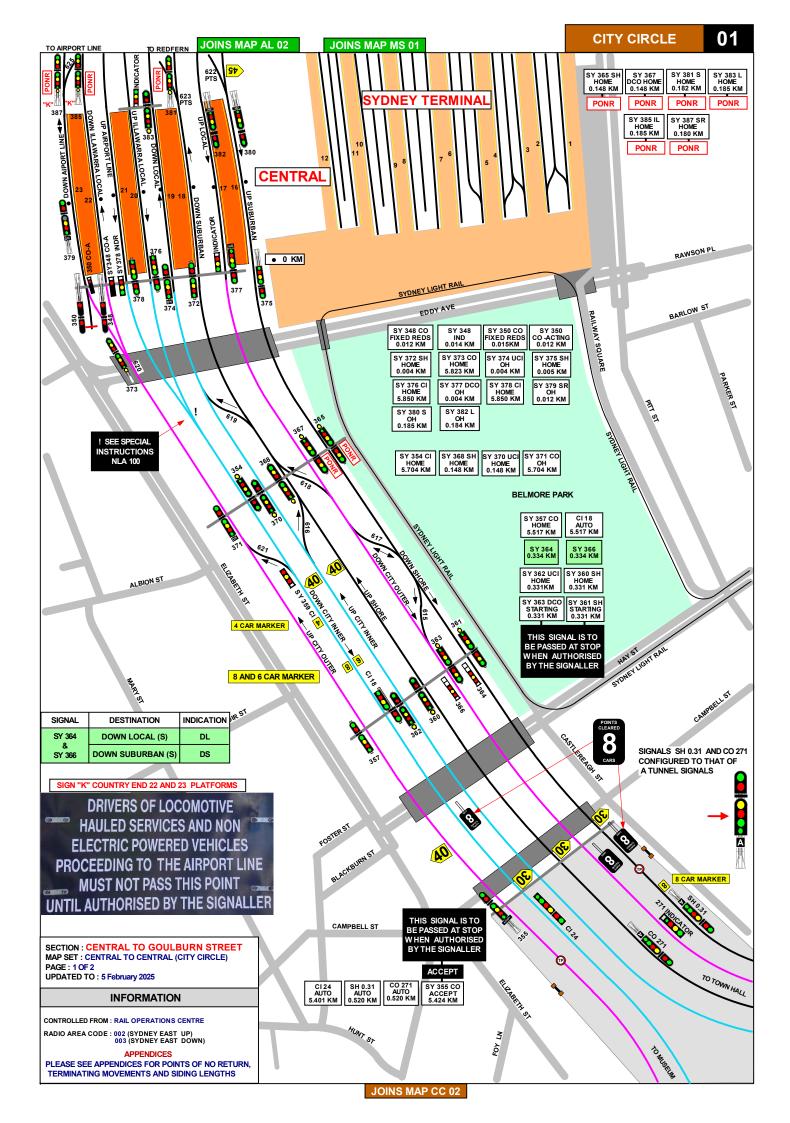
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CENTRAL

TURNBACK ARRANGEMENTS

DOWN CITY OUTER AND DOWN SHORE TRAINS MAY PROCEED FORWARD AND RETURN TO CENTRAL VIA No. 617, No. 618 or No. 619 CROSSOVER, PROVIDED THAT NO PORTION OF THE TRAIN HAS PASSED THE RESPECTIVE CAR MARKER RELATING TO THE TRAIN.

- WHEN THIS WORKING IS TO BE ARRANGED. THE SIGNALLER AT SYDNEY SHALL:
- IF THE TRAIN IS NOT TIMETABLED TO PERFORM THIS MOVEMENT, ARRANGE FOR THE CREW OF THE TRAIN TO BE ADVISED OF THE WORKING TO BE ADOPTED
- THEN SET THE ROUTE FOR THE TRAIN TO PROCEED CLEAR OF SIGNAL No. SY 364 or No. SY 366
- WHEN THE TRAIN IS CLEAR OF SIGNAL No. SY 364 or No. SY 366, SET THE ROUTE FOR THE TRAIN TO RETURN TO CENTRAL.

DOWN CITY INNER TRAINS MAY PROCEED FORWARD AND RETURN TO CENTRAL VIA No. 621 CROSSOVER, PROVIDED THAT NO PORTION OF THE TRAIN HAS PASSED THE RESPECTIVE CAR MARKER RELATING TO THE TRAIN.

- WHEN THIS WORKING IS TO BE ARRANGED, THE SIGNALLER AT SYDNEY SHALL:
- IF THE TRAIN IS NOT TIMETABLED TO PERFORM THIS MOVEMENT, ARRANGE FOR THE CREW OF THE TRAIN TO BE ADVISED OF THE WORKING TO BE ADOPTED
- THEN SET THE ROUTE FOR THE TRAIN TO PROCEED CLEAR OF SIGNAL No. SY 359
- WHEN THE TRAIN IS CLEAR OF SIGNAL No. SY 359, SET THE ROUTE FOR THE TRAIN TO RETURN TO CENTRAL.

SECTION : CENTRAL TO GOULBURN STREET

MAP SET : CENTRAL TO CENTRAL (CITY CIRCLE)

PAGE: 2 OF 2

UPDATED TO: 1 May 2024

INFORMATION

CONTROLLED FROM: RAIL OPERATIONS CENTRE

RADIO AREA CODE: 002 (SYDNEY EAST UP) 003 (SYDNEY EAST DOWN)

APPENDICES

PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS

CENTRAL

TIMING MARKER SIGNS

FOUR TIMING MARKER SIGNS, EACH WITH A YELLOW REFLECTIVE LETTER 'T' DISPLAYED ON A BLACK BACKGROUND, ARE PROVIDED IN THE CENTRAL FLYOVER AREA WHERE THE TIMING SECTIONS ARE UNUSUALLY SHORT.

THEY ARE LOCATED AS FOLLOWS:

LINE MARKER LOCATION

DOWN LOCAL 23 METRES IN APPROACH TO SIGNAL No. SY 397 L
UP LOCAL 16 METRES IN APPROACH TO SIGNAL No. SY 394 L
UP ILLAWARRA LOCAL 36 METRES IN APPROACH TO SIGNAL No. SY 388 IL,
AND 16 METRES IN APPROACH TO SIGNAL No. SY 386 IL

A TRAIN APPROACHING ANY OF THESE SIGNALS AND SHOWING A LOW SPEED OR MEDIUM CAUTION INDICATION SHALL BE DRAWN PAST THE 'T' MARKER SIGN, OTHERWISE THE TIMING WILL NOT COMMENCE AND THE TRAIN STOP WILL NOT CLEAR.

WRONG DIRECTION TRAIN MOVEMENTS IN THE SYDNEY UNDERGROUND

WHEN TRAINS ARE DELAYED IN THE UNDERGROUND AND CANNOT BE WORKED IN THE RIGHT RUNNING DIRECTION, THE YARD WORKING IN THIS UNIT MAY BE AUTHORISED BY THE TRAIN CONTROLLER TO ALLOW TRAINS TO BE MOVED OUT OF THE TUNNELS

LIMITS	LIMITS OF THE SYDNEY UNDERGROUND AREA			
LINE TITLE	FROM	то		
CITY CIRCLE - INNER ROAD	No. 624 POINTS AT CENTRAL	No. 616 POINTS AT CENTRAL		
CITY CIRCLE - OUTER ROAD	No. 622 POINTS AT CENTRAL	No. 625 POINTS AT CENTRAL		
DOWN NORTH SHORE LINE	No. 622 POINTS AT CENTRAL	No. 612 POINTS AT WYNYARD		
UP NORTH SHORE LINE	No. 612 POINTS AT WYNYARD	No. 623 POINTS AT CENTRAL		

ALL TRAIN MOVEMENTS WILL BE CONTROLLED BY THE SIGNALLER AT SYDNEY SIGNAL BOX WHO SHALL LIAISE WITH THE TRAIN CONTROLLER TO CO-ORDINATE THE MOVEMENTS

THE DRIVER SHALL ALWAYS CHANGE ENDS AND DRIVE FROM THE LEADING DRIVERS COMPARTMENT IN THE DIRECTION OF TRAVEL. BEFORE CHANGING ENDS, THE DRIVER SHALL CHANGE THE MARKER LIGHTS TO RED. WHERE PROVIDED AND WHERE POSSIBLE, THE DRIVER SHALL ALSO LATCH UP THE TRIP. AFTER CHANGING ENDS, THE DRIVER SHALL CHANGE THE TAIL LIGHTS TO SHOW WHITE MARKER LIGHTS IN THE DIRECTION OF TRAVEL BEFORE MOVING THE TRAIN

IF FOR SOME REASON IT IS NOT POSSIBLE FOR THE DRIVER TO CHANGE ENDS AND DRIVE FROM THE LEADING COMPARTMENT IN THE DIRECTION OF TRAVEL, ANOTHER TRAIN SHALL BE BROUGHT ONTO THE TRAIN, THE TRAINS AMALGAMATED, AND THEN DRIVEN AS ONE TRAIN FROM THE LEADING CAB IN THE DIRECTION OF TRAVEL

THE DRIVER SHALL BE INSTRUCTED TO PROCEED TO THE FIRST PLATFORM IN THE WRONG RUNNING DIRECTION ONLY WHEN THE LINE IS UNOCCUPIED TO THE FIRST PLATFORM AND THE PLATFORM IS UNOCCUPIED. WHEN THERE IS NO ALTERNATIVE, TRAINS MAY BE BROUGHT BACK TO A PLATFORM THAT IS OCCUPIED AND THEN AMALGAMATED TO ALLOW PASSENGERS TO WALK THROUGH AND ALIGHT AT THE PLATFORM

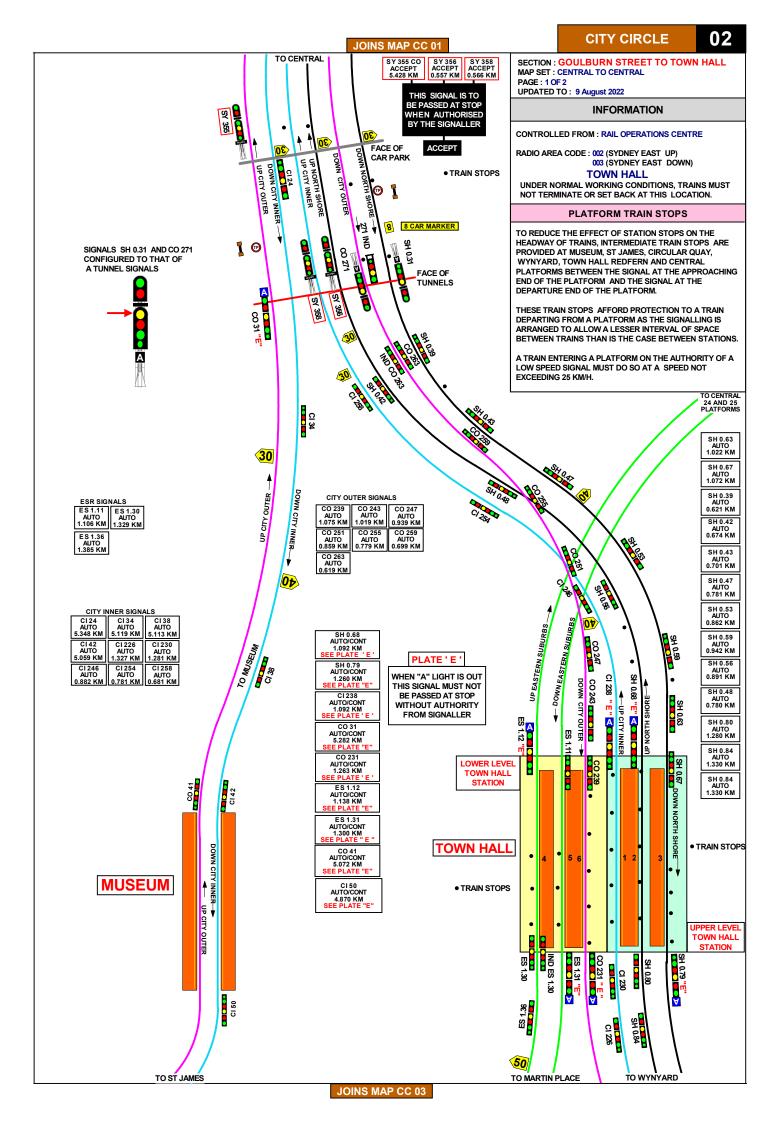
WHEN IT IS NECESSARY FOR A TRAIN TO PROCEED BEYOND THE FIRST PLATFORM IN THE WRONG DIRECTION, THE SAME PROCESS FOR MOVING THE TRAIN SHALL BE REPEATED BETWEEN THE SIGNALLER AND THE DRIVER. THE LINE SHALL BE UNOCCUPIED TO THE NEXT PLATFORM AND THE TRAIN SHALL ONLY PROCEED WHEN AUTHORISED BY THE SIGNALLER

WHEN THE DRIVER IS REQUIRED TO CARRY OUT AN UNSIGNALLED MOVEMENT, THE DRIVER SHALL NOT ALLOW THE SPEED OF THE TRAIN TO EXCEED 10 KM/H

IF A TRAIN CANNOT TRAVEL IN THE WRONG RUNNING DIRECTION OWING TO LOSS OF TRACTION, THE DRIVER SHALL INFORM THE SIGNALLER SO THAT ALTERNATIVE ARRANGEMENTS CAN BE MADE

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ODADISHT		OD ADJENT	ODADIENT		
INNER FROM MUSEUM	GRADIENT OUTER FROM MUSEUM	OUTER FROM TOWN HALL	INNER FROM TOWN HALL	GRADIENT SHORE LINES	
LEVEL LEVEL 11N80 EASEMENT 11N40	MUSSUM MU	LEVEL 1 IN 30 EASEMENT 1 IN 43 EASEMENT 1 IN 40 11N 40	LEVEL 11N40 EASEMENT 11N33 11N40	1 IN 33 DOWN SHORE	WRONG DIRECT WHEN TRAINS ARE DELAY RUNNING DIRECTION, THE CONTROLLER TO ALLOW: LINE TITLE CITY CIRCLE - INNER RO DOWN NORTH SHORE LINI UP NORTH SHORE LINI ALL TRAIN MOVEMENTS V WHO SHALL LIAISE WITH T THE DRIVER SHALL ALWA' COMPARTMENT IN THE DIR CHANGE THE MARKER LIG SHALL ALSO LATCH UP THE LIGHTS TO SHOW WHITE M TRAIN IF FOR SOME REASON IT IS THE LEADING COMPARTMI ONTO THE TRAIN, THE TRAI LEADING CAB IN THE DIRE THE DRIVER SHALL BE INS RUNNING DIRECTION ONLY THE PLATFORM IS UNOCCE BACK TO A PLATFORM THE TO WALK THROUGH AND A WHEN IT IS NECESSARY FOR WHEN IT IS NECESSARY FOR WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WENTE DIR TRAIN WENTE DIR TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WENTE DIR THE TRAIN WHEN IT SI NECESSARY FOR WENTE DIR THE TRAIN WHEN THE TRAIN WENTE DIR THE CITY CITY COLUMN LINE LINE
1 IN 180	1 IN 150	1 IN 40	1 IN 40	1 IN 40	WHEN THE DRIVER IS REQ SHALL NOT ALLOW THE SI IF A TRAIN CANNOT TRAVI THE DRIVER SHALL INFOR MADE

SECTION: GOULBURN STREET TO TOWN HALL MAP SET: CENTRAL TO CENTRAL (CITY CIRCLE)

PAGE: 2 OF 2

UPDATED TO: 14 July 2019

INFORMATION

CONTROLLED FROM: RAIL OPERATIONS CENTRE

RADIO AREA CODE: 002 (SYDNEY EAST UP) 003 (SYDNEY EAST DOWN)

TOWN HALL

UNDER NORMAL WORKING CONDITIONS, TRAINS MUST NOT TERMINATE OR SET BACK AT THIS LOCATION.

PLATFORM TRAIN STOPS

TO REDUCE THE EFFECT OF STATION STOPS ON THE HEADWAY OF TRAINS, INTERMEDIATE TRAIN STOPS ARE PROVIDED AT MUSEUM, ST JAMES, CIRCULAR QUAY, WYNYARD, TOWN HALL REDFERN AND CENTRAL PLATFORMS BETWEEN THE SIGNAL AT THE APPROACHING END OF THE PLATFORM AND THE SIGNAL AT THE DEPARTURE END OF THE PLATFORM.

THESE TRAIN STOPS AFFORD PROTECTION TO A TRAIN DEPARTING FROM A PLATFORM AS THE SIGNALLING IS ARRANGED TO ALLOW A LESSER INTERVAL OF SPACE BETWEEN TRAINS THAN IS THE CASE BETWEEN STATIONS.

TRAIN ENTERING A PLATFORM ON THE AUTHORITY OF A LOW SPEED SIGNAL MUST DO SO AT A SPEED NOT EXCEEDING 25 KM/H.

TION TRAIN MOVEMENTS IN THE SYDNEY UNDERGROUND

YED IN THE UNDERGROUND AND CANNOT BE WORKED IN THE RIGHT E YARD WORKING IN THIS UNIT MAY BE AUTHORISED BY THE TRAIN TRAINS TO BE MOVED OUT OF THE TUNNELS

LIMITS OF THE SYDNEY UNDERGROUND AREA				
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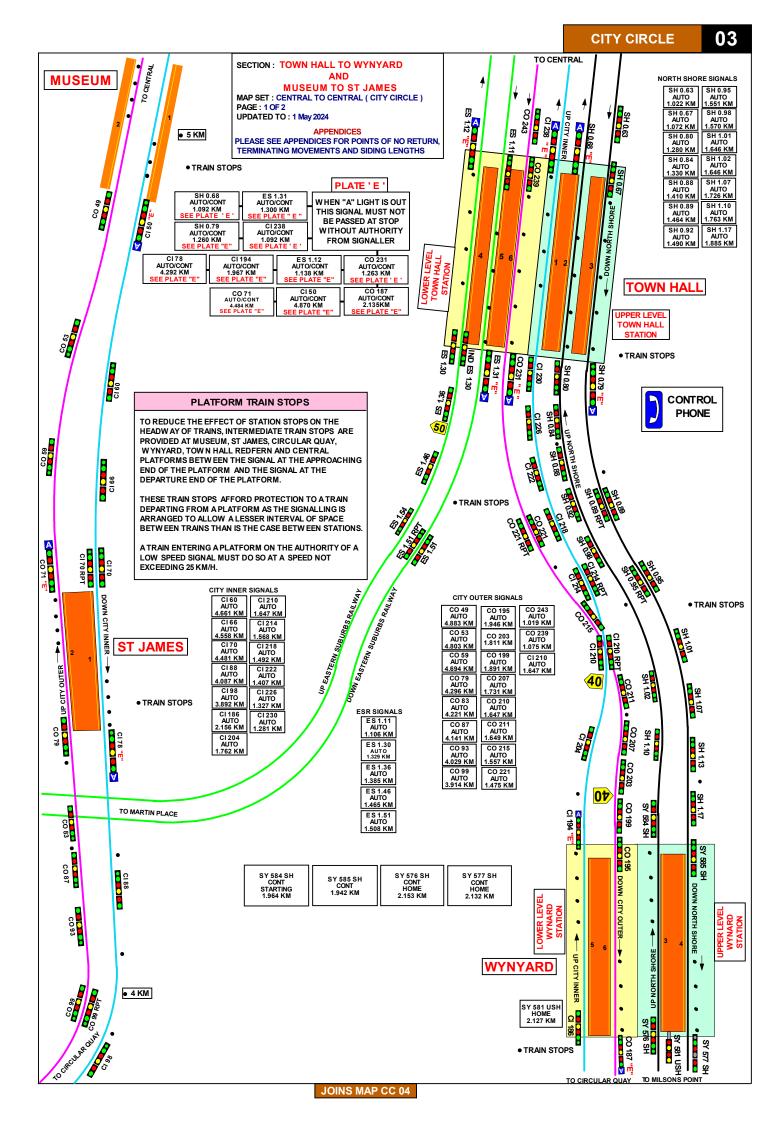
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/EL IN THE WRONG RUNNING DIRECTION OWING TO LOSS OF TRACTION, RM THE SIGNALLER SO THAT ALTERNATIVE ARRANGEMENTS CAN BE



CITY OUTER FROM MUSEUM	CITY INNER FROM MUSEUM	CITY INNER FROM TOWN HALL	CITY OUTER FROM TOWN HALL	UP AND DOWN SHORE	
MUSEUM STATION LEVEL	MUSEUM STATION LEVEL	TOWN HALL STATION LOWER LEVEL LEVEL	TOWN HALL STATION LOWER LEVEL LEVEL	TOWN HALL STATION UPPER LEVEL LEVEL	
1 IN 150	1 IN 180	1 IN 40	1 IN 40	1 IN 40	
ST JAMES STATION LEVEL 11N 56		1 IN 41	1 IN 200	1 IN 56	
1 IN 77	ST JAMES STATION	1 N 50	1 IN 50	1 IN 40	
1 IN 57	1 IN 300	WYNYARD STATION LOWER LEVEL LEVEL	WYNYARD STATION LOWER LEVEL LEVEL	WYNYARD STATION UPPER LEVEL LEVEL	

SECTION: TOWN HALL TO WYNYARD AND

MUSEUM TO ST JAMES
MAP SET: CENTRAL TO CENTRAL (CITY CIRCLE)

PAGE: 2 OF 2

UPDATED TO: 1 May 2024

INFORMATION

CONTROLLED FROM: RAIL OPERATIONS CENTRE

RADIO AREA CODE: 002 (SYDNEY EAST UP)

003 (SYDNEY EAST DOWN)

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