

DRIVERS ROUTE KNOWLEDGE DIAGRAMS

MAIN NORTH (HUNTER) LINE

WOODVILLE JCT
WARATAH
WARABROOK
SANDGATE
HEXHAM
TARRO
BERESFIELD
THORNTON
METFORD
VICTORIA STREET
EAST MAITLAND
HIGH STREET
MAITLAND
LOCHINVAR
GRETA
BRANXTON
BELFORD
WHITTINGHAM JCT
SINGLETON
CAMBERWELL JCT
MT OWEN JCT
NEWDELL JCT
DRAYTON JCT
GRASSTREE
ST HELIERS
MUSWELLBROOK
DARTBROOK JCT
ABERDEEN
TOGAR LOOP
SCONE

Effective Date: October 2026

Version: 4.41

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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Information in these diagrams is uncontrolled.

Please report any updates to
gis.support@transport.nsw.gov.au



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Location: CM Record No.D2015/575

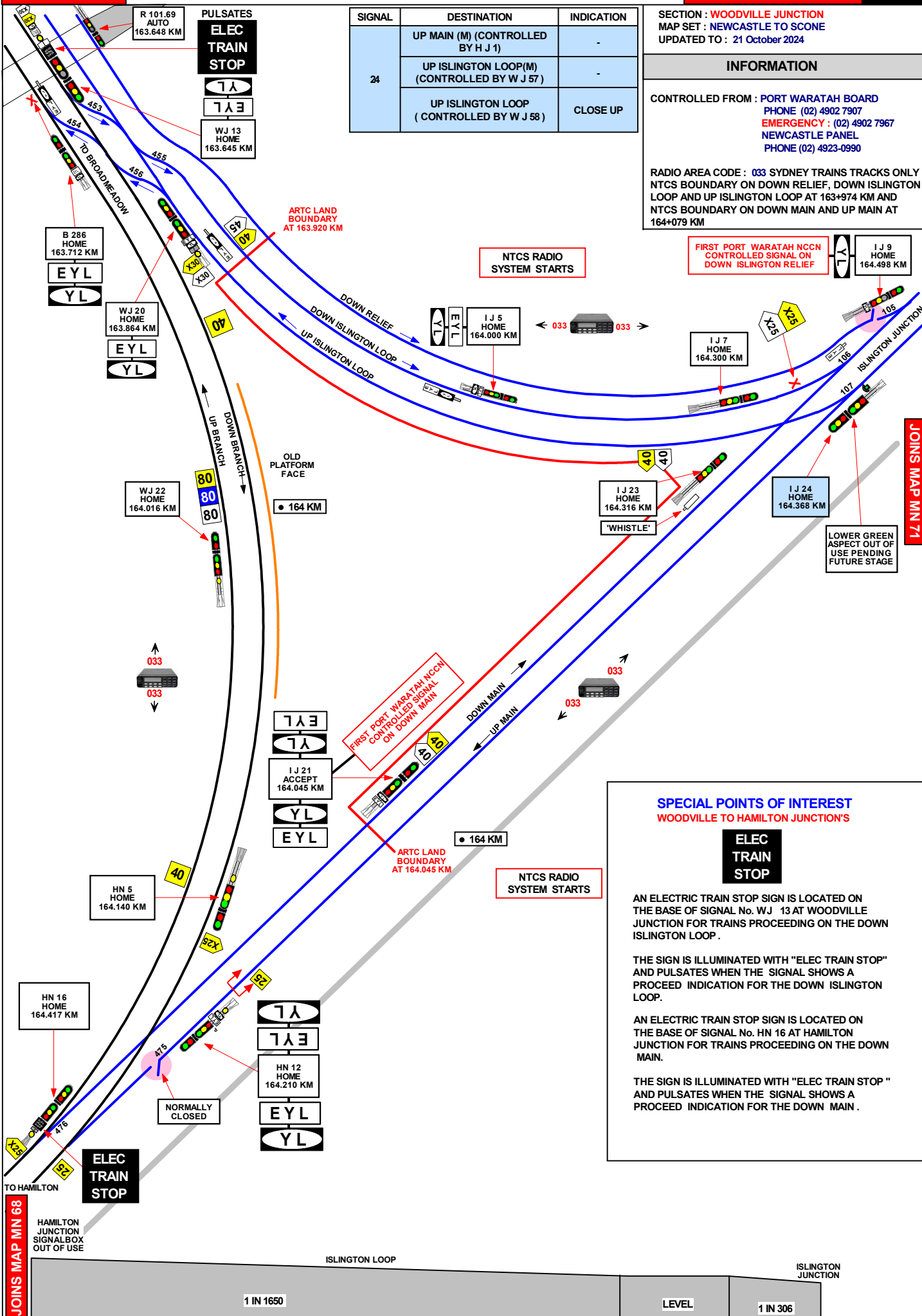
SIGNAL	DESTINATION	INDICATION
24	UP MAIN (M) (CONTROLLED BY H J 1)	-
	UP ISLINGTON LOOP (M) (CONTROLLED BY W J 57)	-
	UP ISLINGTON LOOP (CONTROLLED BY W J 58)	CLOSE UP

SECTION : WOODVILLE JUNCTION
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 21 October 2024

INFORMATION

CONTROLLED FROM : PORT WARATAH BOARD
 PHONE (02) 4902 7907
 EMERGENCY : (02) 4902 7967
 NEWCASTLE PANEL
 PHONE (02) 4923-0990

RADIO AREA CODE : 033 SYDNEY TRAINS TRACKS ONLY
 NTCS BOUNDARY ON DOWN RELIEF, DOWN ISLINGTON LOOP AND UP ISLINGTON LOOP AT 163+974 KM AND
 NTCS BOUNDARY ON DOWN MAIN AND UP MAIN AT 164+079 KM



SECTION : WOODVILLE JUNCTION TO
ISLINGTON JUNCTION
MAP SET : NEWCASTLE TO SCONE
UPDATED TO : 3 April 2024

INFORMATION

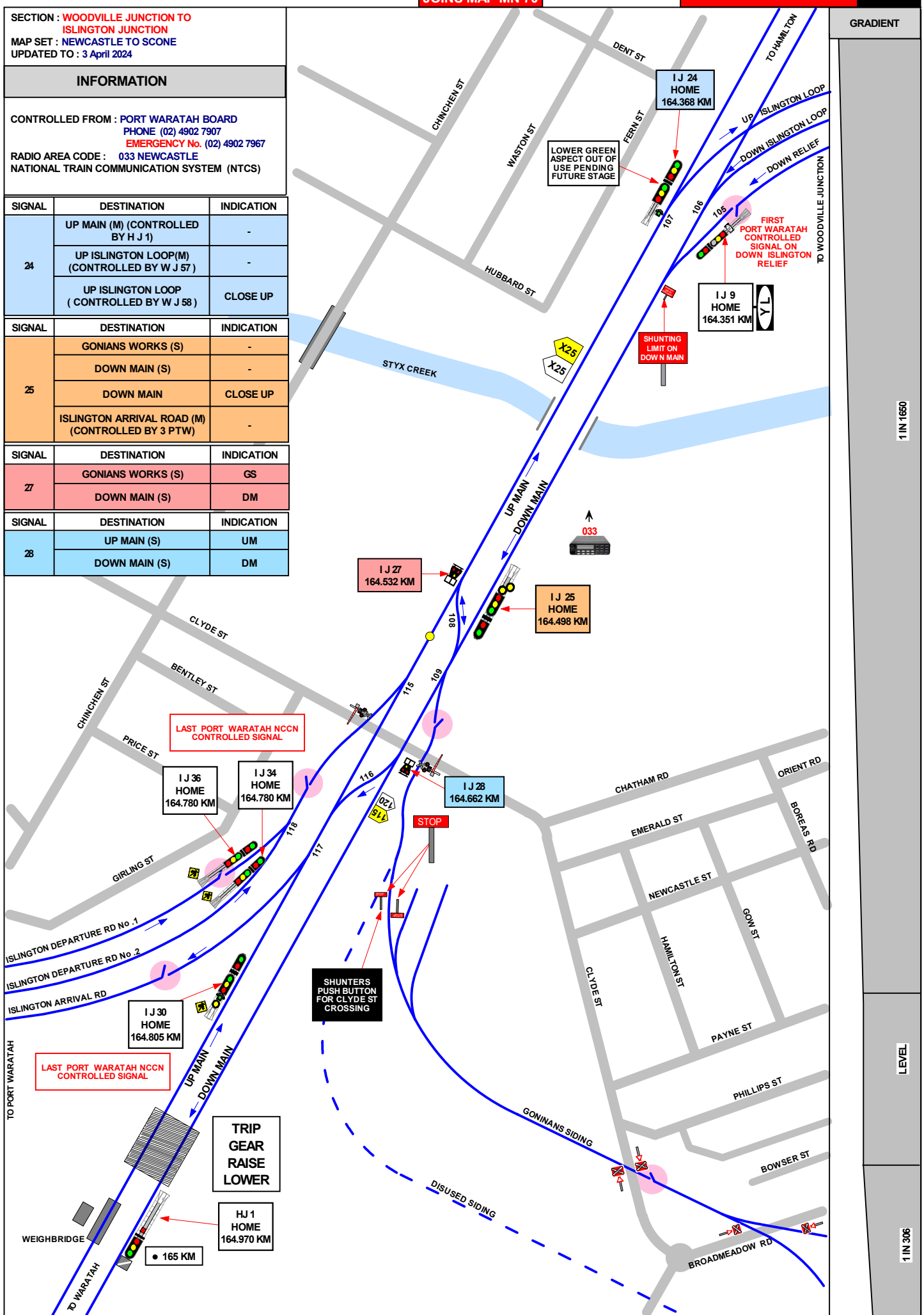
CONTROLLED FROM : PORT WARATAH BOARD
PHONE (02) 4902 7907
EMERGENCY No. (02) 4902 7967
RADIO AREA CODE : 033 NEWCASTLE
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

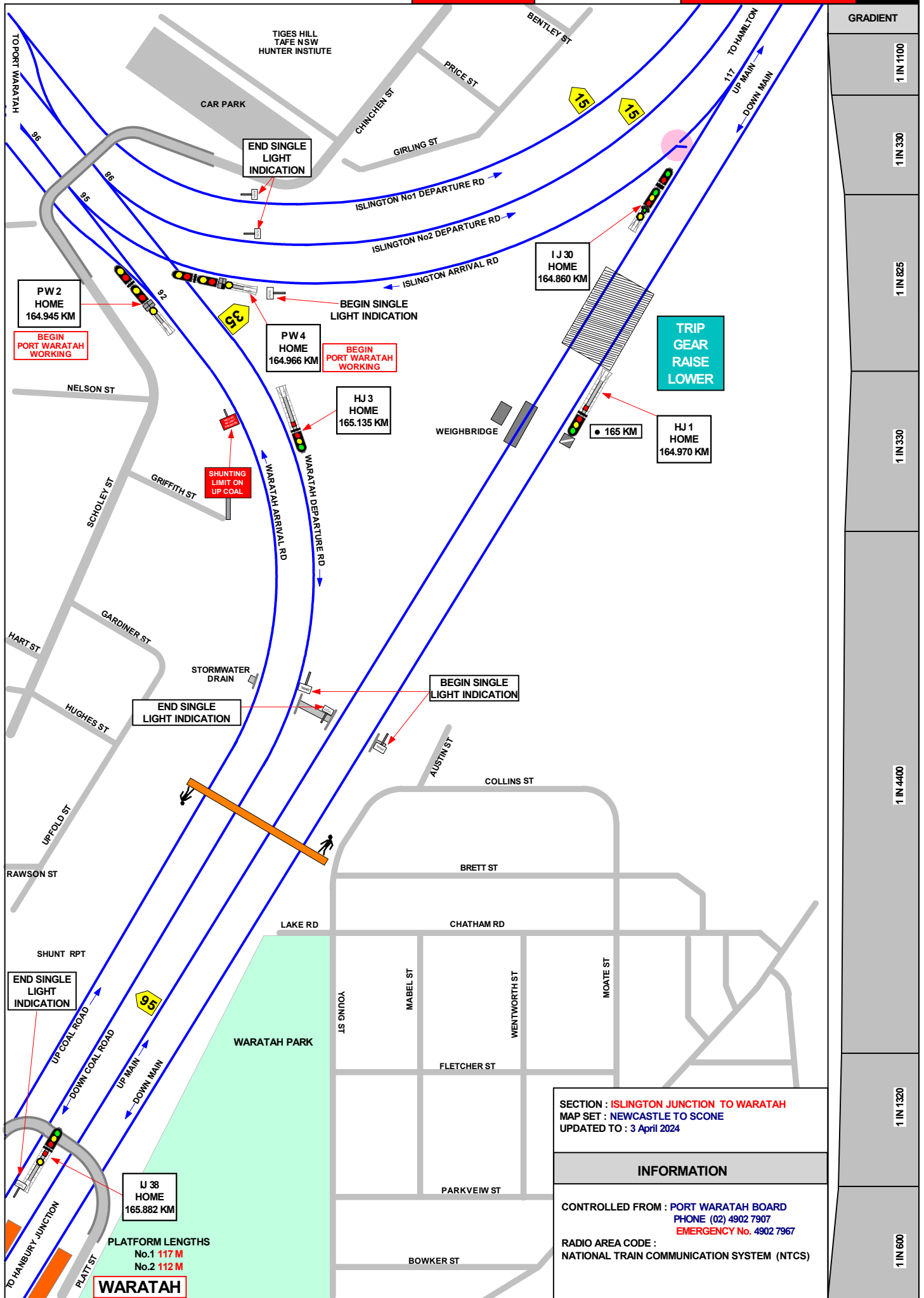
SIGNAL	DESTINATION	INDICATION
24	UP MAIN (M) (CONTROLLED BY H J 1)	-
	UP ISLINGTON LOOP (M) (CONTROLLED BY W J 57)	-
	UP ISLINGTON LOOP (CONTROLLED BY W J 58)	CLOSE UP

SIGNAL	DESTINATION	INDICATION
25	GONIAN'S WORKS (S)	-
	DOWN MAIN (S)	-
	DOWN MAIN	CLOSE UP
	ISLINGTON ARRIVAL ROAD (M) (CONTROLLED BY 3 PTW)	-

SIGNAL	DESTINATION	INDICATION
27	GONIAN'S WORKS (S)	GS
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
28	UP MAIN (S)	UM
	DOWN MAIN (S)	DM





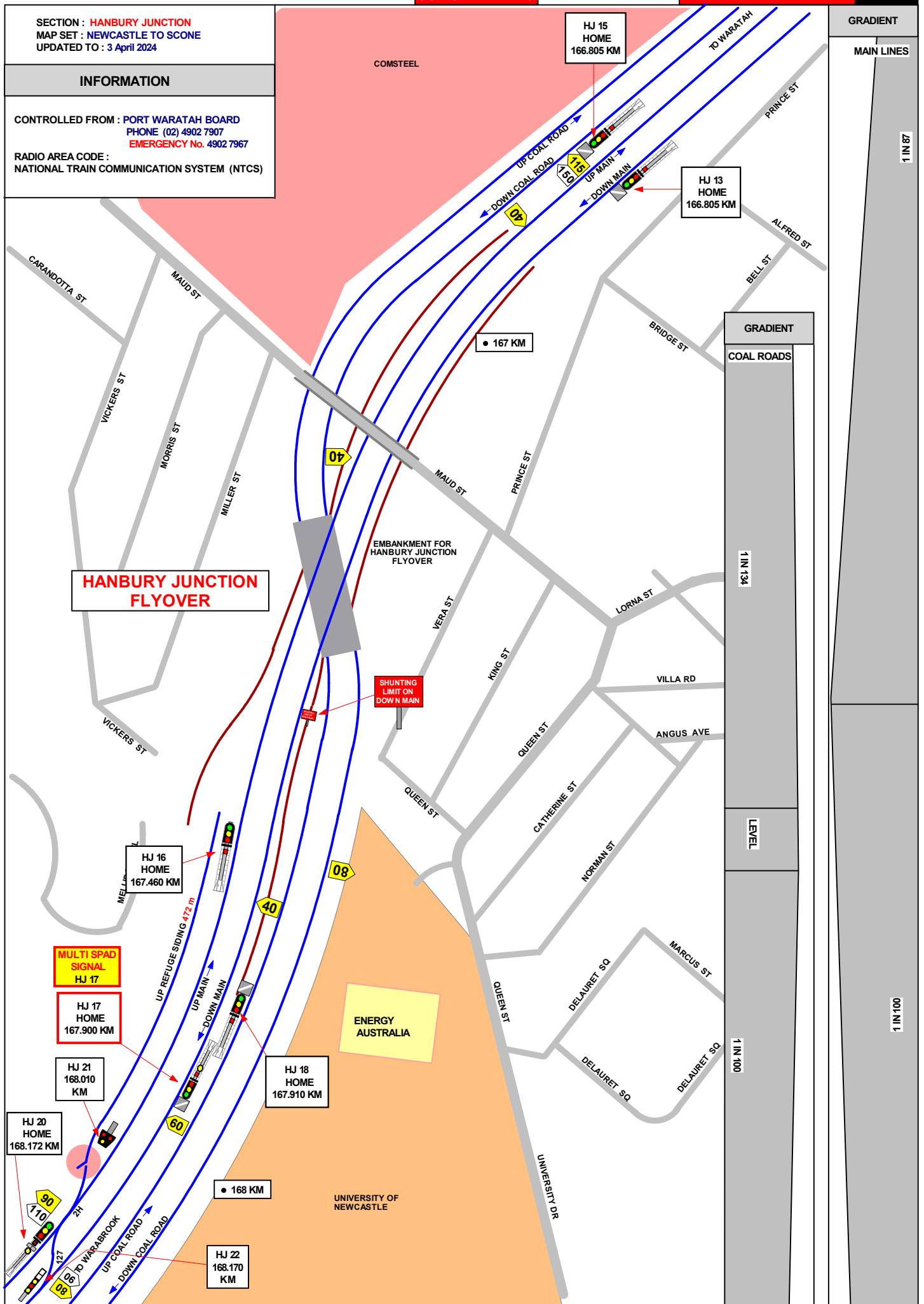


SECTION : **HANBURY JUNCTION**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **PORT WARATAH BOARD**
 PHONE (02) 4902 7907
EMERGENCY No. 4902 7967

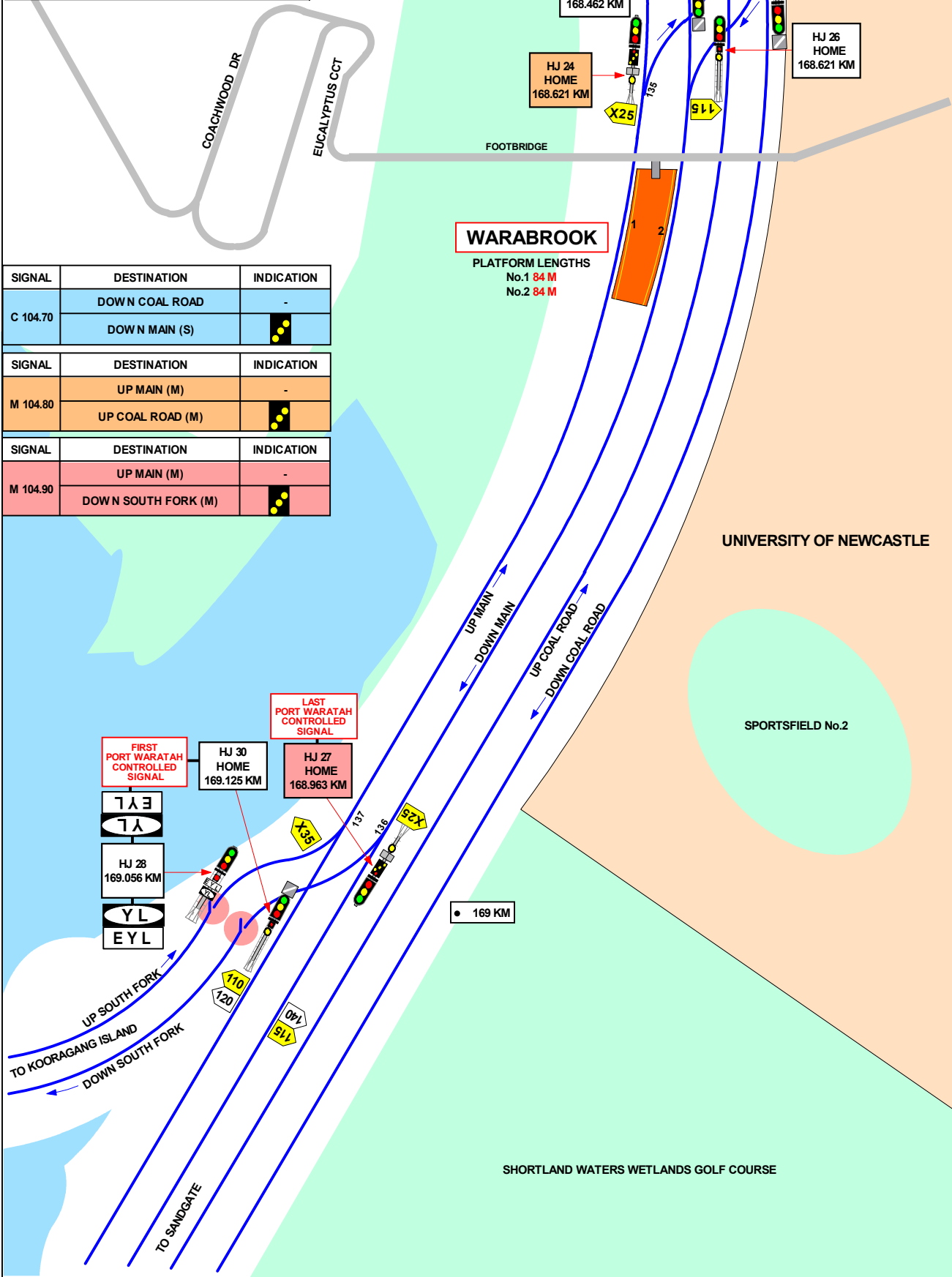
RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



SECTION : **HANBURY JUNCTION TO SANDGATE**
MAP SET : **NEWCASTLE TO SCONE**
UPDATED TO : **3 April 2024**

INFORMATION

CONTROLLED FROM : **PORT WARATAH BOARD**
PHONE (02) 4902 7907 **EMERGENCY No. 4902 7967**
LOWER HUNTER NCCN
PHONE (02) 4902 7909 **EMERGENCY NO. 4902 7969**
RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



SIGNAL	DESTINATION	INDICATION
C 104.70	DOWN COAL ROAD	-
	DOWN MAIN (S)	
SIGNAL	DESTINATION	INDICATION
M 104.80	UP MAIN (M)	-
	UP COAL ROAD (M)	
SIGNAL	DESTINATION	INDICATION
M 104.90	UP MAIN (M)	-
	DOWN SOUTH FORK (M)	

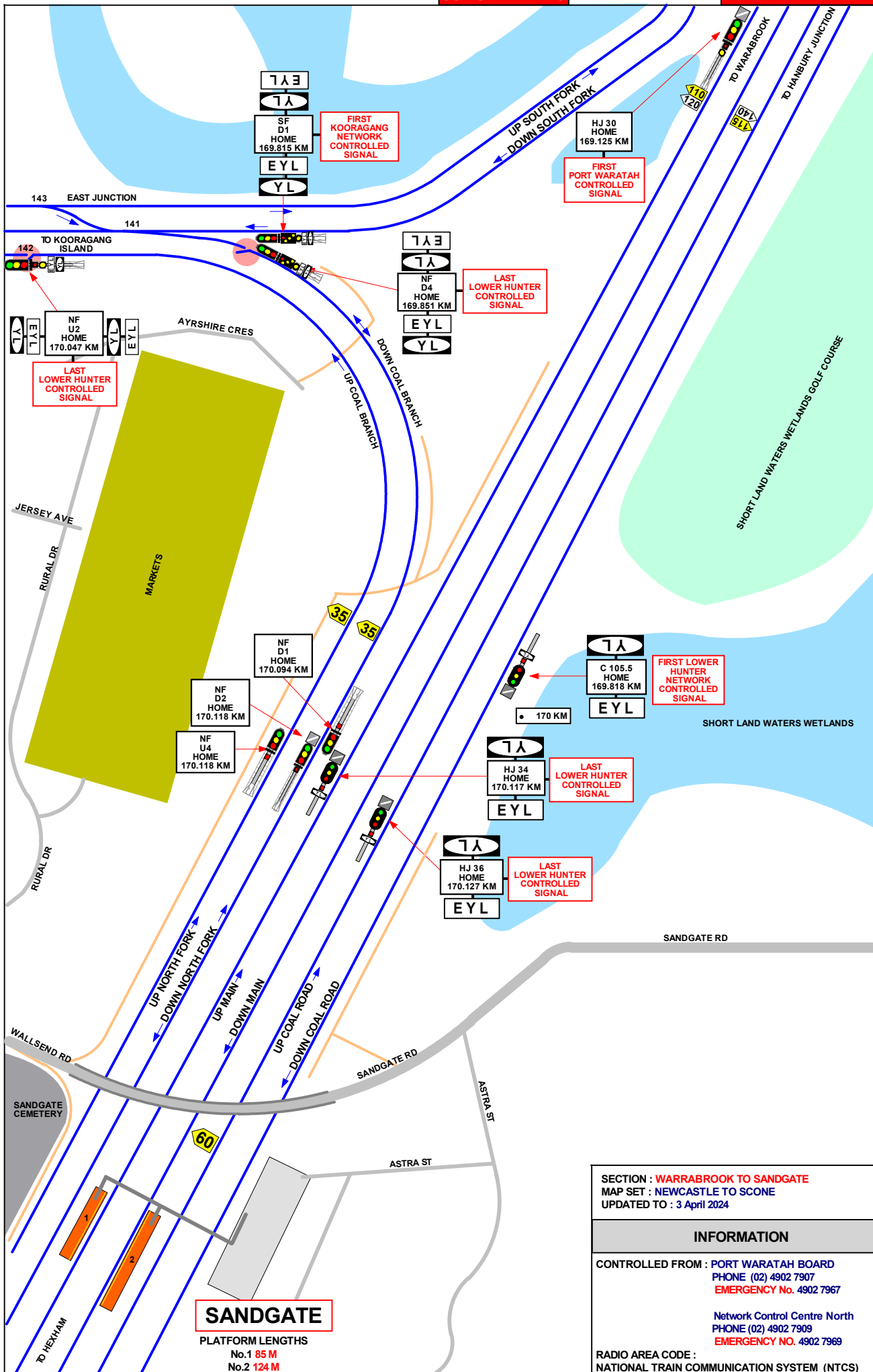
GRADIENT

1 IN 2200

LEVEL

1 IN 300

LEVEL



SECTION : **WARRABROOK TO SANDGATE**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **PORT WARATAH BOARD**
 PHONE (02) 4902 7907
 EMERGENCY No. 4902 7967

Network Control Centre North
 PHONE (02) 4902 7909
 EMERGENCY NO. 4902 7969

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SECTION : SANDGATE TO HEXHAM
MAP SET : NEWCASTLE TO SCONE
UPDATED TO : 3 April 2024

INFORMATION

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PHONE (02) 4902 7909
EMERGENCY NO. 4902 7969

NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SANDGATE CEMETERY

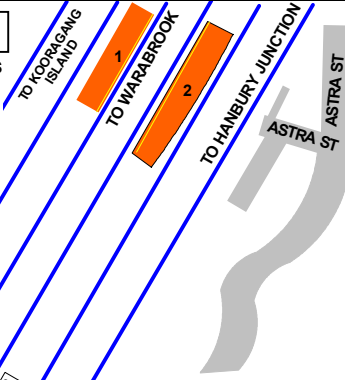
JOINS MAP MN 76

MAIN NORTH LINE

77

SANDGATE

PLATFORM LENGTHS
No.1 85 M
No.2 124 M



GRADIENT

LEVEL

1 IN 425

1 IN 25

1 IN 25

1 IN 627

NF
D 3
170.860 KM

C 106.1
HOME
170.860 KM

M 106.1
HOME
170.860 KM
EYL

TOLL'S SIDING No.3 235 m
TOLL'S SIDING No.2 188 m
TOLL'S SIDING No.1 228 m

UP NORTH FORK
DOWN NORTH FORK
UP MAIN
DOWN MAIN
UP COAL ROAD
DOWN COAL ROAD

171 KM

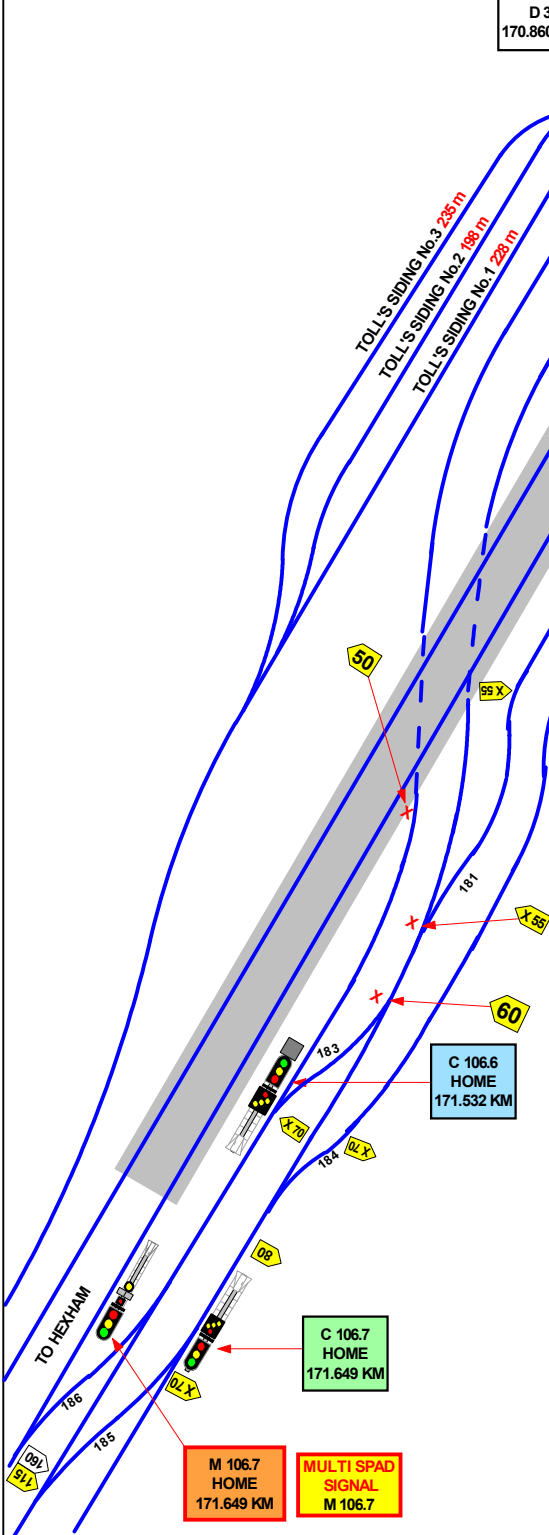
SANDGATE
GRADE
SEPARATION

GRADE SEPARATION

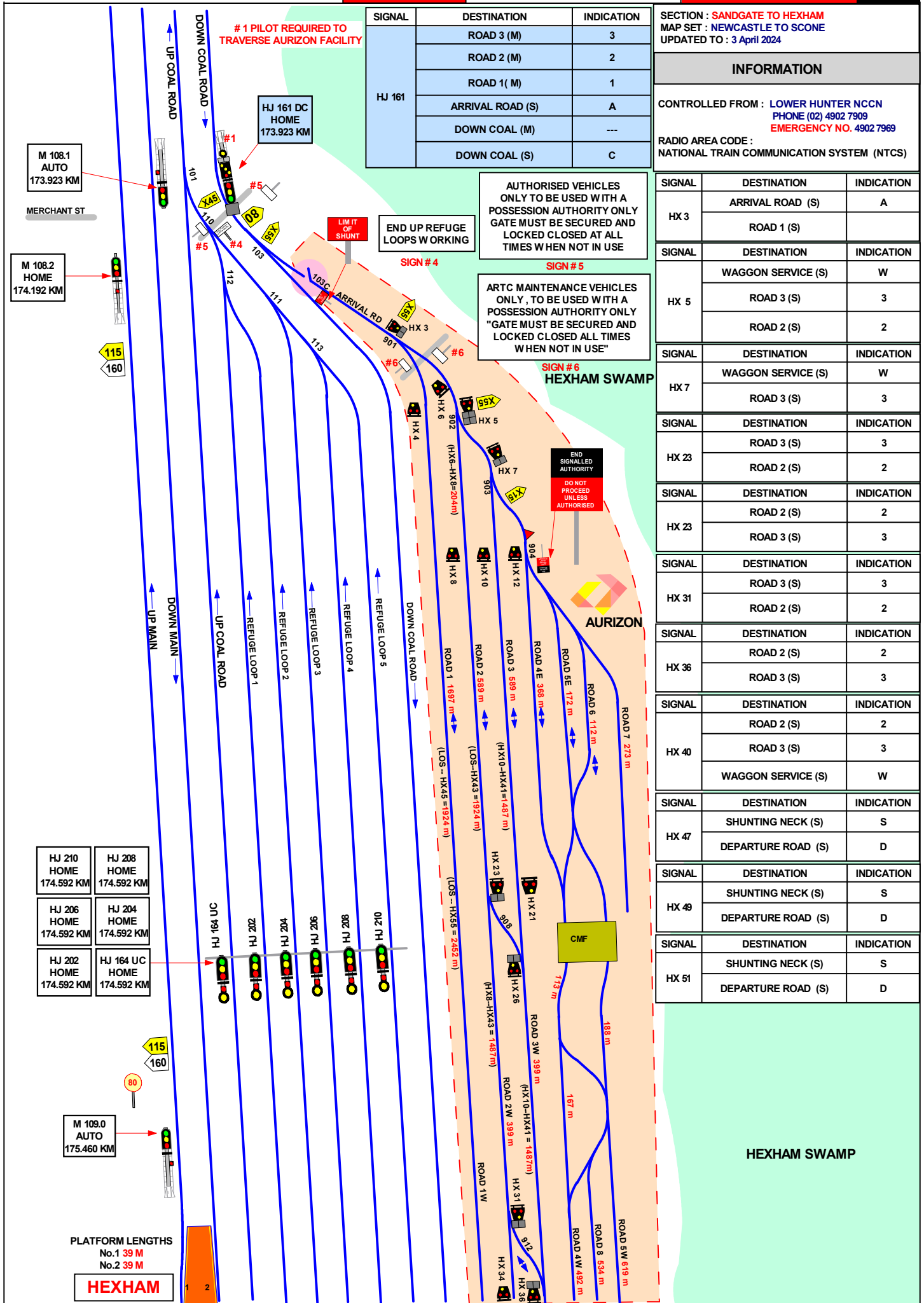
SIGNAL	DESTINATION	INDICATION
C 106.60	UP COAL BRANCH (M)	-
	UP COAL BRANCH (M)	+ B
	UP COAL ROAD (M)	+ C

SIGNAL	DESTINATION	INDICATION
C 106.70	DOWN COAL ROAD (M)	--
	DOWN MAIN (M)	

SIGNAL	DESTINATION	INDICATION
M 106.70	DOWN MAIN (M)	--
	UP MAIN (M)	UM



JOINS MAP MN 78



SECTION : **HEXHAM TO TARRO**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

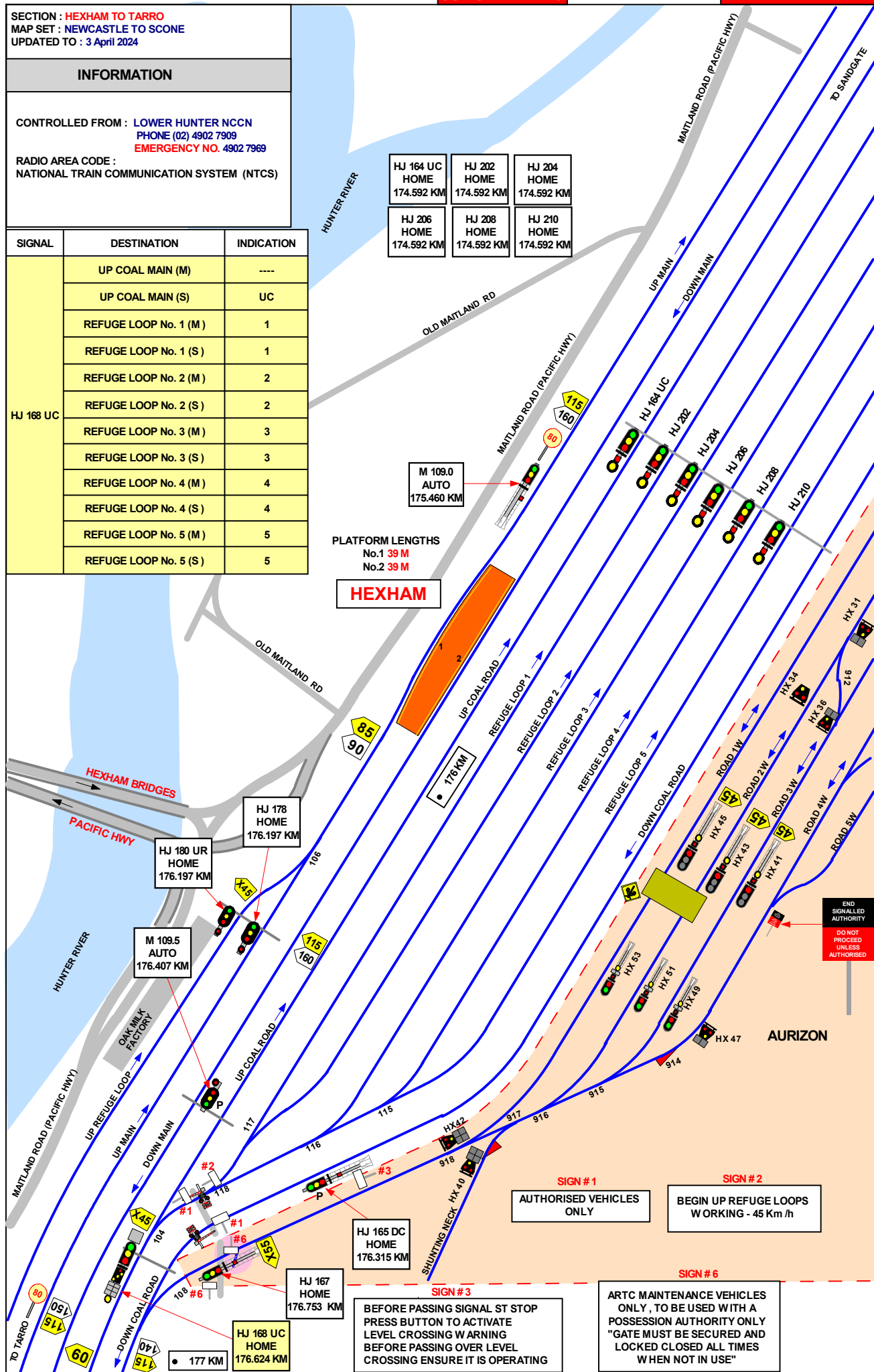
INFORMATION

CONTROLLED FROM : **LOWER HUNTER NCCN**
 PHONE (02) 4902 7909
EMERGENCY NO. 4902 7969

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
HJ 168 UC	UP COAL MAIN (M)	----
	UP COAL MAIN (S)	UC
	REFUGE LOOP No. 1 (M)	1
	REFUGE LOOP No. 1 (S)	1
	REFUGE LOOP No. 2 (M)	2
	REFUGE LOOP No. 2 (S)	2
	REFUGE LOOP No. 3 (M)	3
	REFUGE LOOP No. 3 (S)	3
	REFUGE LOOP No. 4 (M)	4
	REFUGE LOOP No. 4 (S)	4
	REFUGE LOOP No. 5 (M)	5
	REFUGE LOOP No. 5 (S)	5

HJ 164 UC HOME 174.592 KM	HJ 202 HOME 174.592 KM	HJ 204 HOME 174.592 KM
HJ 206 HOME 174.592 KM	HJ 208 HOME 174.592 KM	HJ 210 HOME 174.592 KM



SECTION : TARRO TO BERESFIELD
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : LOWER HUNTER NCCN
 PHONE (02) 4902 7909
 EMERGENCY NO. 4902 7969

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

	DESTINATION	INDICATION
HJ 182	UP REFUGE LOOP(M)	OR
	UP MAIN (M)	----

SUPER FREIGHTER
 ADVISORY SPEED SIGN

80

GRADIENT

1 IN 3300

1 IN 860

1 IN 4400

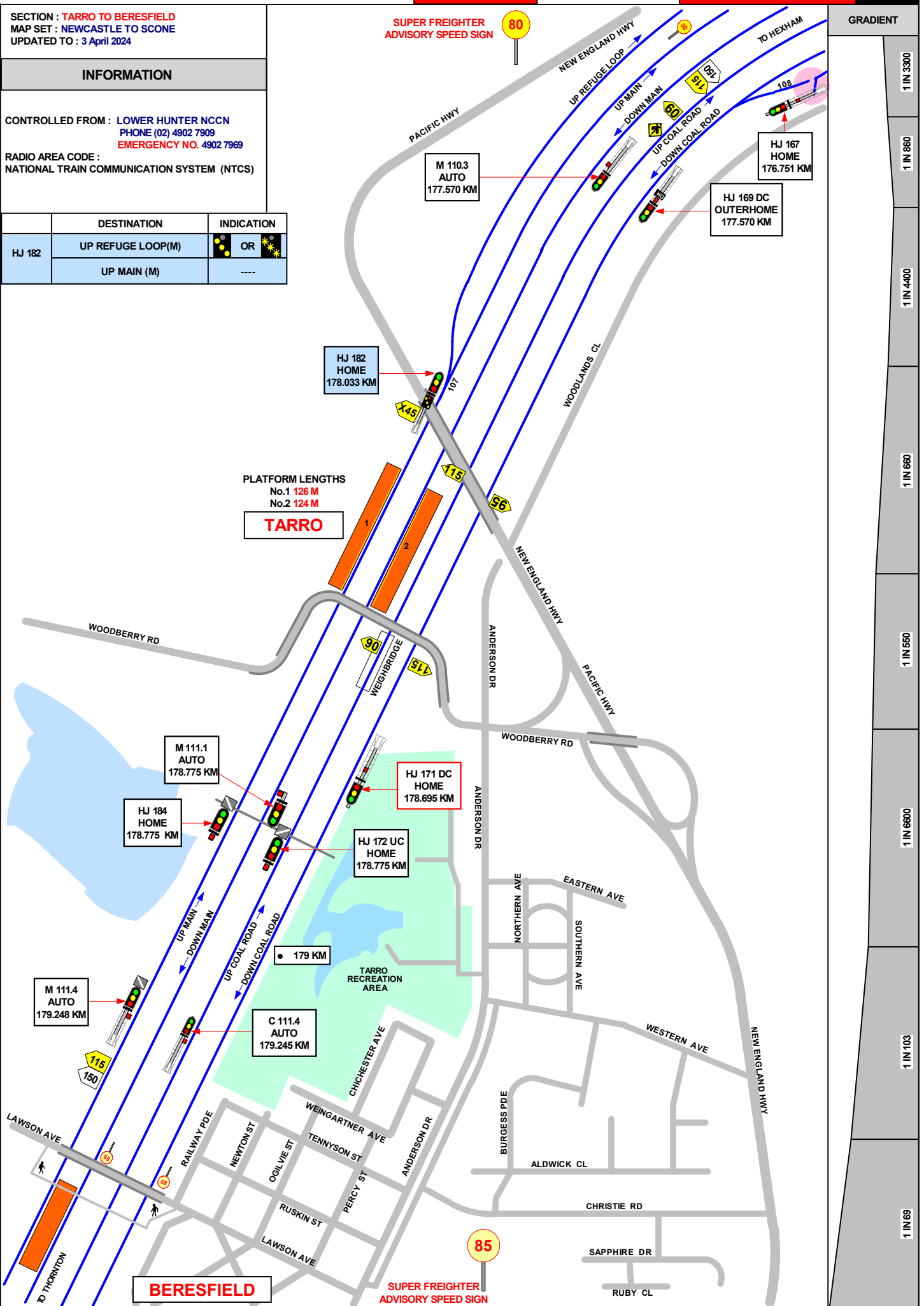
1 IN 660

1 IN 550

1 IN 6800

1 IN 103

1 IN 69

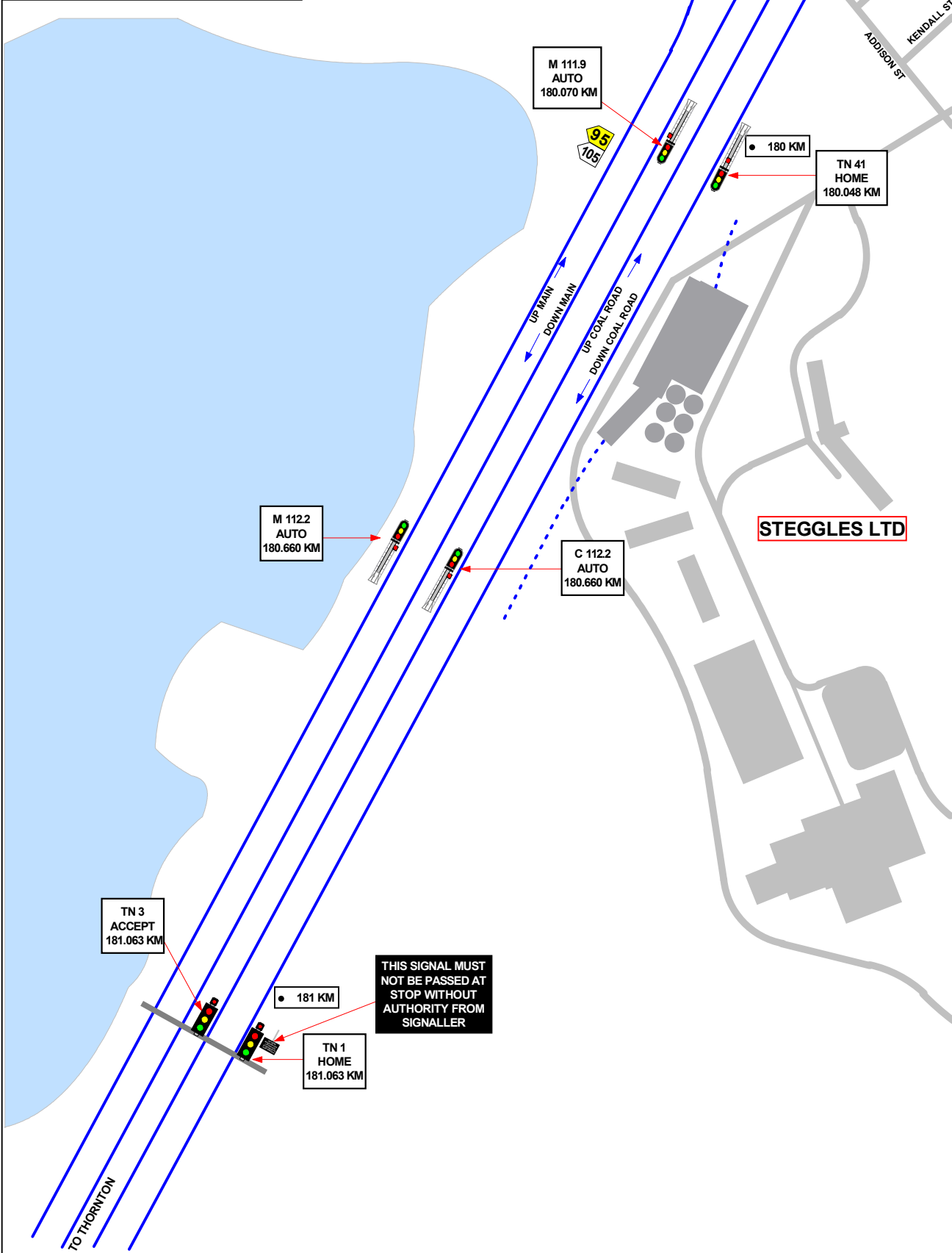


SECTION : **BERESFIELD TO THORNTON**
MAP SET : **NEWCASTLE TO SCONE**
UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **LOWER HUNTER NCCN**
PHONE (02) 4902 7909
EMERGENCY NO. 4902 7969

RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

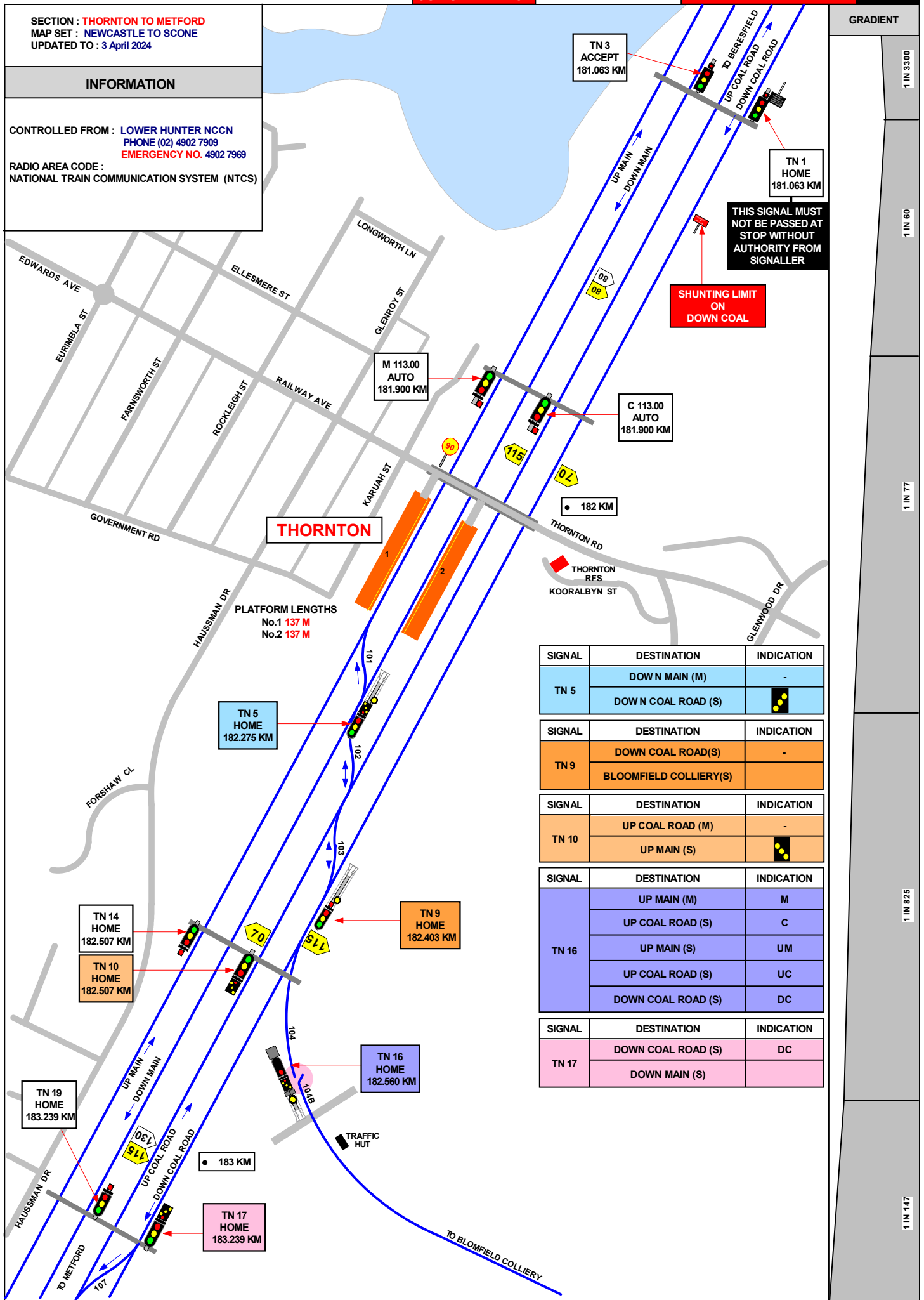


GRADIENT	
1 IN 69	
1 IN 89	
1 IN 114	
1 IN 103	
1 IN 776	
1 IN 1100	
1 IN 400	
1 IN 69	
1 IN 3300	
1 IN 60	
1 IN 77	

SECTION : **THORNTON TO METFORD**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : **3 April 2024**

INFORMATION

CONTROLLED FROM : **LOWER HUNTER NCCN**
 PHONE (02) 4902 7909
EMERGENCY NO. 4902 7969
 RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



GRADIENT

1 IN 3300

1 IN 60

1 IN 77

1 IN 825

1 IN 147

SIGNAL	DESTINATION	INDICATION
TN 5	DOWN N MAIN (M)	-
	DOWN N COAL ROAD (S)	●●

SIGNAL	DESTINATION	INDICATION
TN 9	DOWN COAL ROAD(S)	-
	BLOMFELD COLLIERY(S)	

SIGNAL	DESTINATION	INDICATION
TN 10	UP COAL ROAD (M)	-
	UP MAIN (S)	●●

SIGNAL	DESTINATION	INDICATION
TN 16	UP MAIN (M)	M
	UP COAL ROAD (S)	C
	UP MAIN (S)	UM
	UP COAL ROAD (S)	UC
	DOWN COAL ROAD (S)	DC

SIGNAL	DESTINATION	INDICATION
TN 17	DOWN COAL ROAD (S)	DC
	DOWN MAIN (S)	

SECTION : **THORNTON TO METFORD**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **Network Control Centre North**
PHONE (02) 4902 7909
EMERGENCY NO. 4902 7969

NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
TN 26	UP MAIN (M)	-
	UP COAL ROAD (S)	

HAUSSMAN DR

TN 26
HOME
183.573 KM

TN 22
HOME
183.573 KM

M 114.3
AUTO
184.092 KM

C 114.3
AUTO
184.092 KM

TN 32
OUTER
HOME
184.693 KM

TN 28
OUTER
HOME
184.693 KM

METFORD

MT 33
HOME
185.393 KM

MT 36
HOME
185.861 KM

MT 31
HOME
185.393 KM

MT 34
HOME
185.861 KM

WHEEL CONDITION MONITOR

METFORD UP LINES 185.990 KM
 WHEEL CONDITION MONITOR
 RAILBAM

GRADIENT

1 IN 69

1 IN 98

1 IN 118

1 IN 101

1 IN 98

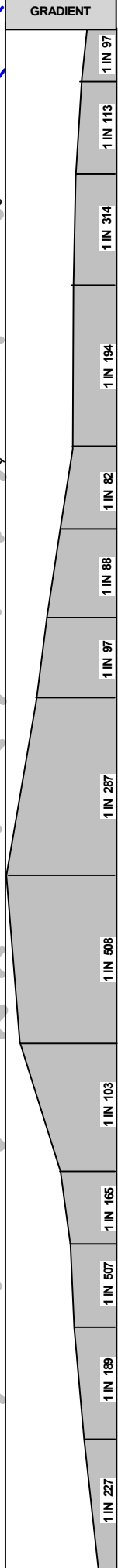
1 IN 275

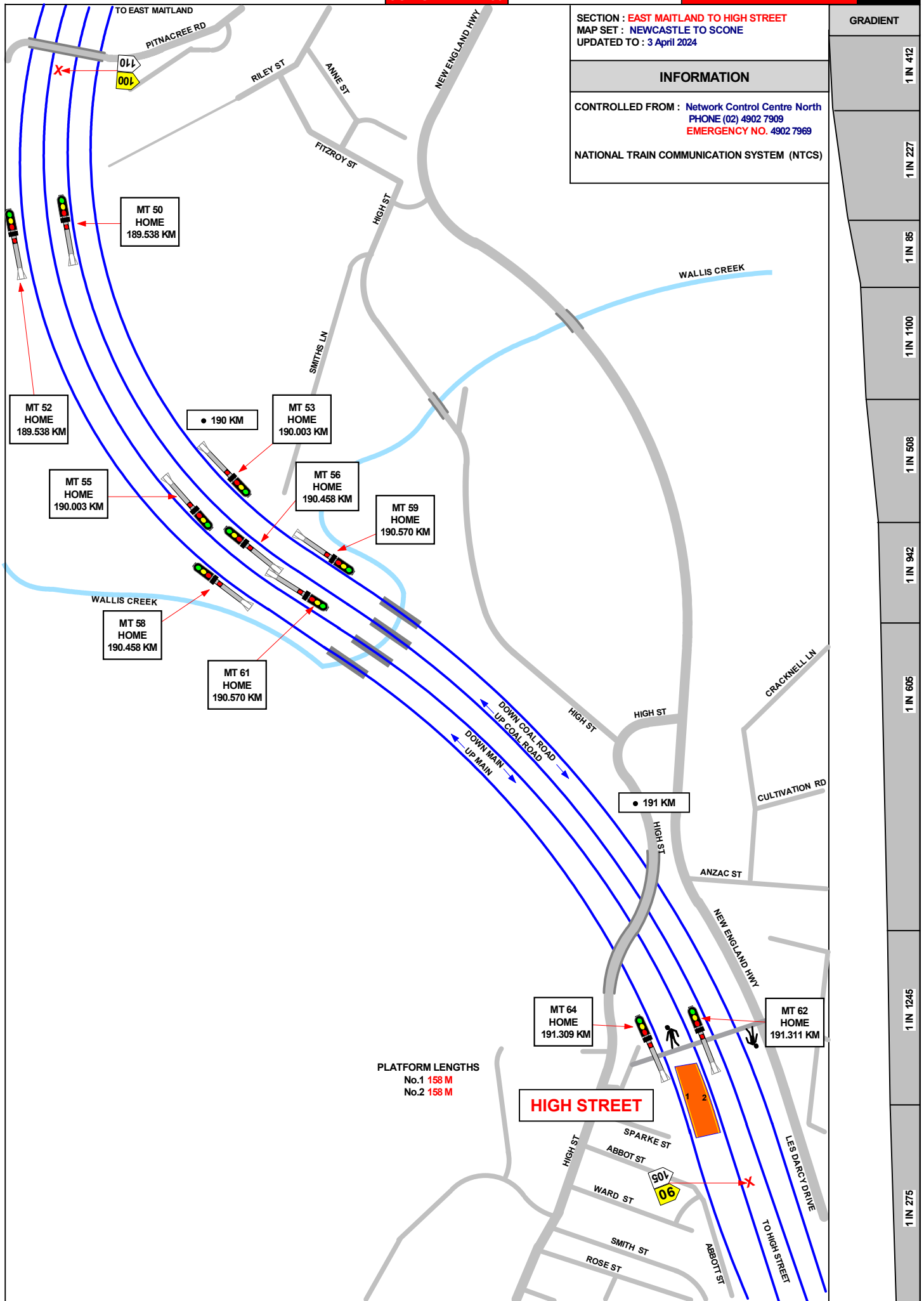
LEVEL

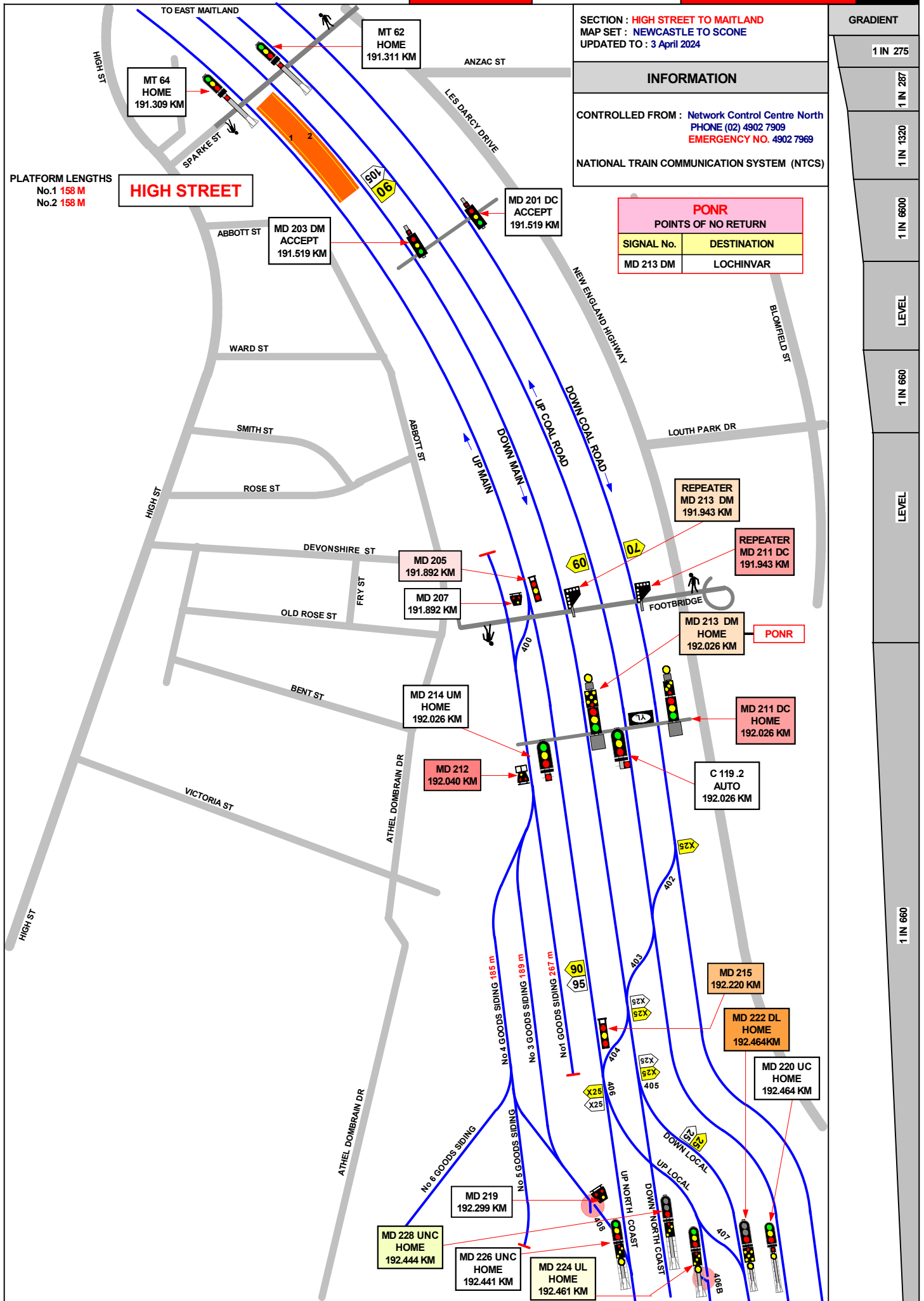
1 IN 4400

1 IN 169

1 IN 471







0000 0000



JOINS MAP MN 89

SECTION : MAITLAND YARD
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 3 April 2024

CONTROLLED FROM : LOWER HUNTER NCCN
 PHONE (02) 4902 7909
 EMERGENCY NO. 4902 7969

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
205	UP MAIN (S)	UM
	GOODS SIDING (S)	GS

SIGNAL	DESTINATION	INDICATION
MD 211 DC	DOWN COAL (M)	-
	DOWN COAL (S)	D
	No 4 PLATFORM (M)	+ 4
	No 4 PLATFORM (S)	4
	No 3 PLATFORM (M)	+ 3
	No 3 PLATFORM (S)	3
	No 2 PLATFORM (M)	+ 2
	No 2 PLATFORM (S)	2
	No 1 PLATFORM (M)	+ 1
	No 1 PLATFORM (S)	1

SIGNAL	DESTINATION	INDICATION
212	SHUNTING NECK (S)	SN
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
MD 213 DM	No 4 PLATFORM (M)	+ 4
	No 4 PLATFORM (S)	4
	No 3 PLATFORM (M)	+ 3
	No 3 PLATFORM (S)	3
	No 2 PLATFORM (M)	-
	No 2 PLATFORM (S)	2
	No 1 PLATFORM (M)	+ 1
	No 1 PLATFORM (S)	1

SIGNAL	DESTINATION	INDICATION
215	No 1 PLATFORM (S)	1
	No 3 PLATFORM (S)	3
	No 4 PLATFORM (S)	4

SIGNAL	DESTINATION	INDICATION
MD 222 DL	UP MAIN (M)	
	DOWN MAIN (S)	-
	DOWN MAIN (M)	

SIGNAL	DESTINATION	INDICATION
MD 224 UL	UP MAIN (M)	-
	UP MAIN (S)	-
	UP COAL (M)	

SIGNAL	DESTINATION	INDICATION
228	GOODS SIDING (S)	GS
	UP MAIN (M)	-
	UP MAIN (S)	UM
	UP COAL (M)	

SIGNAL	DESTINATION	INDICATION
MD 235 UNC	UP NORTH COAST (M)	
	UP NORTH COAST (M)	

SIGNAL	DESTINATION	INDICATION
MD 238 UM	No 3 PLATFORM (M)	+ 3
	No 3 PLATFORM (S)	3
	No 4 PLATFORM (M)	+ 4
	No 4 PLATFORM (S)	4
	No 4 PLATFORM (M)	-
	No 5 PLATFORM (S)	5

SIGNAL	DESTINATION	INDICATION
MD 240 DNC	No 1 PLATFORM (M)	
	No 1 PLATFORM (S)	1
	No 2 PLATFORM (M)	-
	No 2 PLATFORM (S)	2

SIGNAL	DESTINATION	INDICATION
MD 243 DM	DOWN MAIN (M)	---
	UP MAIN (M) VIA 422 PTS	

SIGNAL	DESTINATION	INDICATION
MD 257 TL	DOWN MAIN (M)	
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
MD 260 UM	TRIANGLE LOOP (M)	
	TRIANGLE LOOP (M)	-

SIGNAL	DESTINATION	INDICATION
MD 292 UNC	UP COAST (M)	-
	UP COAST (M)	

SIGNAL	DESTINATION	INDICATION
MD 271 DNC	LOOP LINE (M)	
	LOOP LINE (S)	LL
	DOWN COAST (M)	-
	DOWN COAST (S)	DC

SIGNAL	DESTINATION	INDICATION
MD 273 UNC	LOOP LINE (S)	LL
	DOWN COAST (S)	DC
	UP COAST (M)	-
	UP COAST (S)	UC

SIGNAL	DESTINATION	INDICATION
MD 275 TL	LOOP LINE (M)	
	LOOP LINE (S)	LL
	DOWN COAST (M)	-
	DOWN COAST (S)	DC

SIGNAL	DESTINATION	INDICATION
MD 276 LL	UP OR DOWN COAST (M)	
	UP OR DOWN COAST (M)	-
	TRIANGLE LOOP (M)	

SIGNAL	DESTINATION	INDICATION
MD 278 DNC	UP OR DOWN COAST (M)	
	UP OR DOWN COAST (M)	-
	TRIANGLE LOOP (M)	

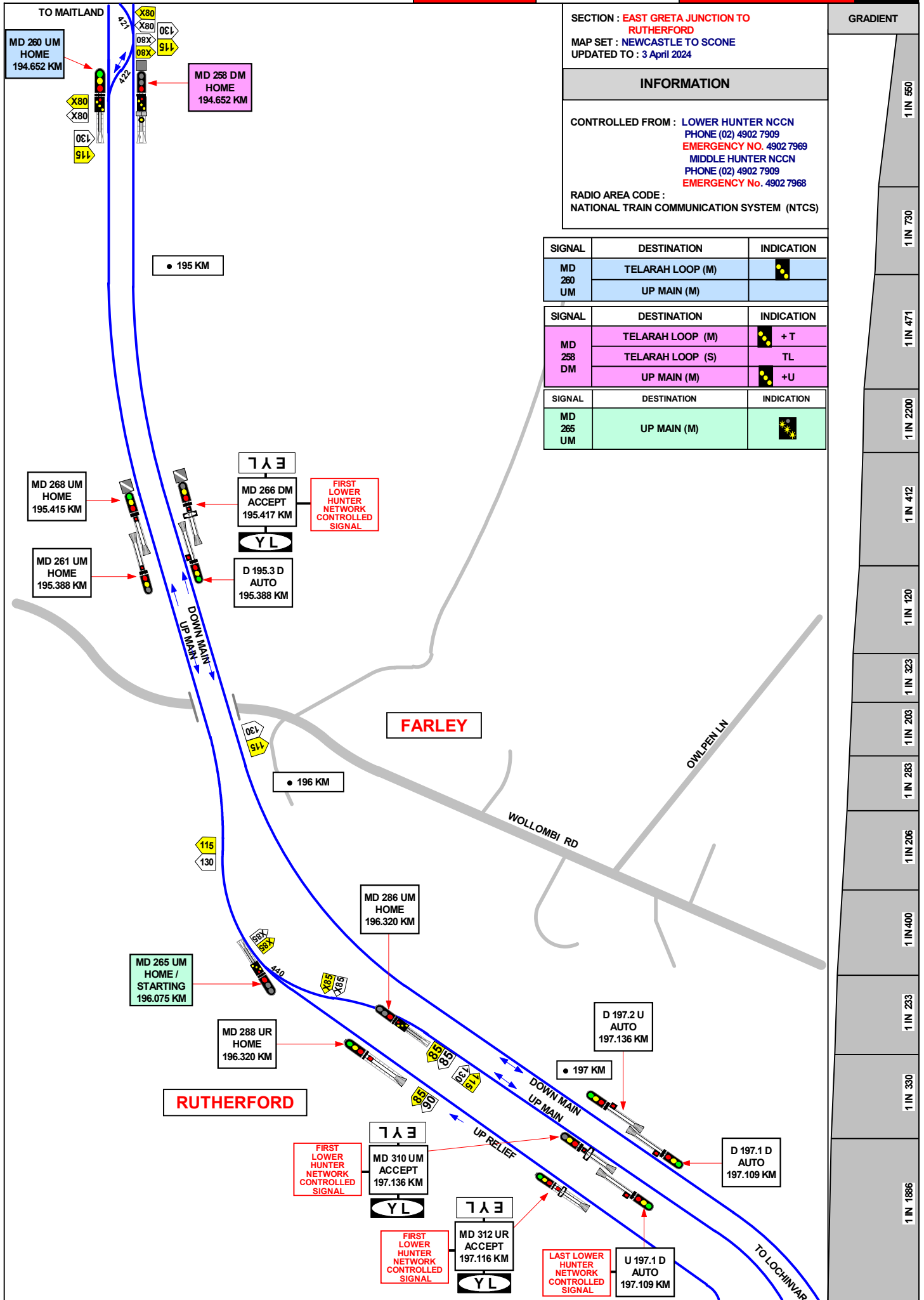
SIGNAL	DESTINATION	INDICATION
MD 285 DNC	DOWN COAST (M)	-
	DOWN COAST (S)	DC
	UP COAST (M)	
	UP COAST (S)	UC

SIGNAL	DESTINATION	INDICATION
MD 287 UNC	DOWN COAST (M)	
	DOWN COAST (S)	DC
	UP COAST (M)	
	UP COAST (S)	UC

SIGNAL	DESTINATION	INDICATION
MD 290 DNC	UP COAST (M)	
	UP COAST (S)	UC
	DOWN COAST (M)	-
	DOWN COAST (S)	DC

SIGNAL	DESTINATION	INDICATION
MD 304 UNC	UP COAST (M)	-
	UP COAST (S)	UC
	DOWN COAST (M)	+ D
	DOWN COAST (S)	DC
	LOOP LINE (M)	+ L
	LOOP LINE (S)	L

1 IN 165







SECTION : ALLANDALE TO GRETA
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : MIDDLE HUNTER NCCN
 PHONE (02) 4902 7909
 EMERGENCY No. 4902 7968

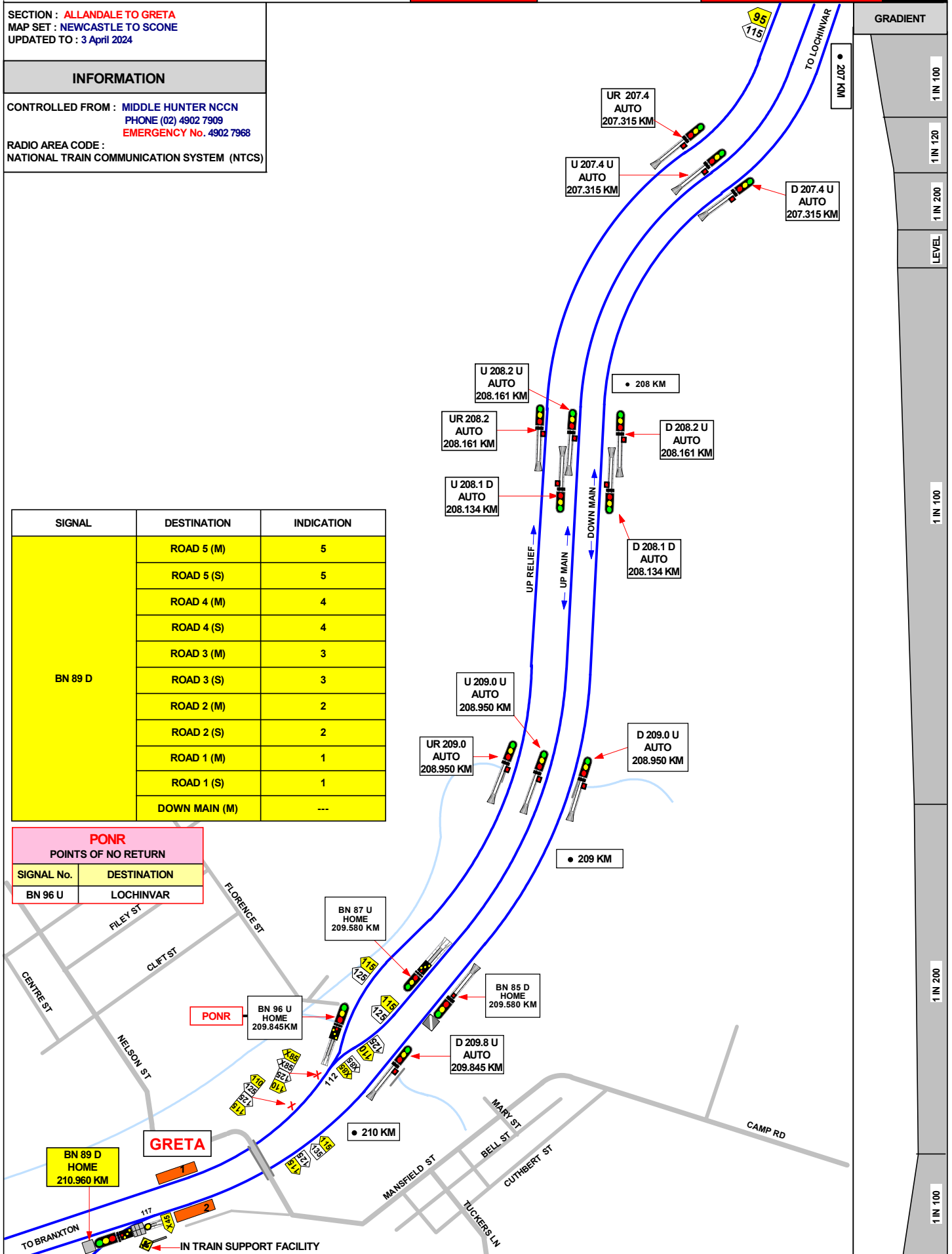
RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

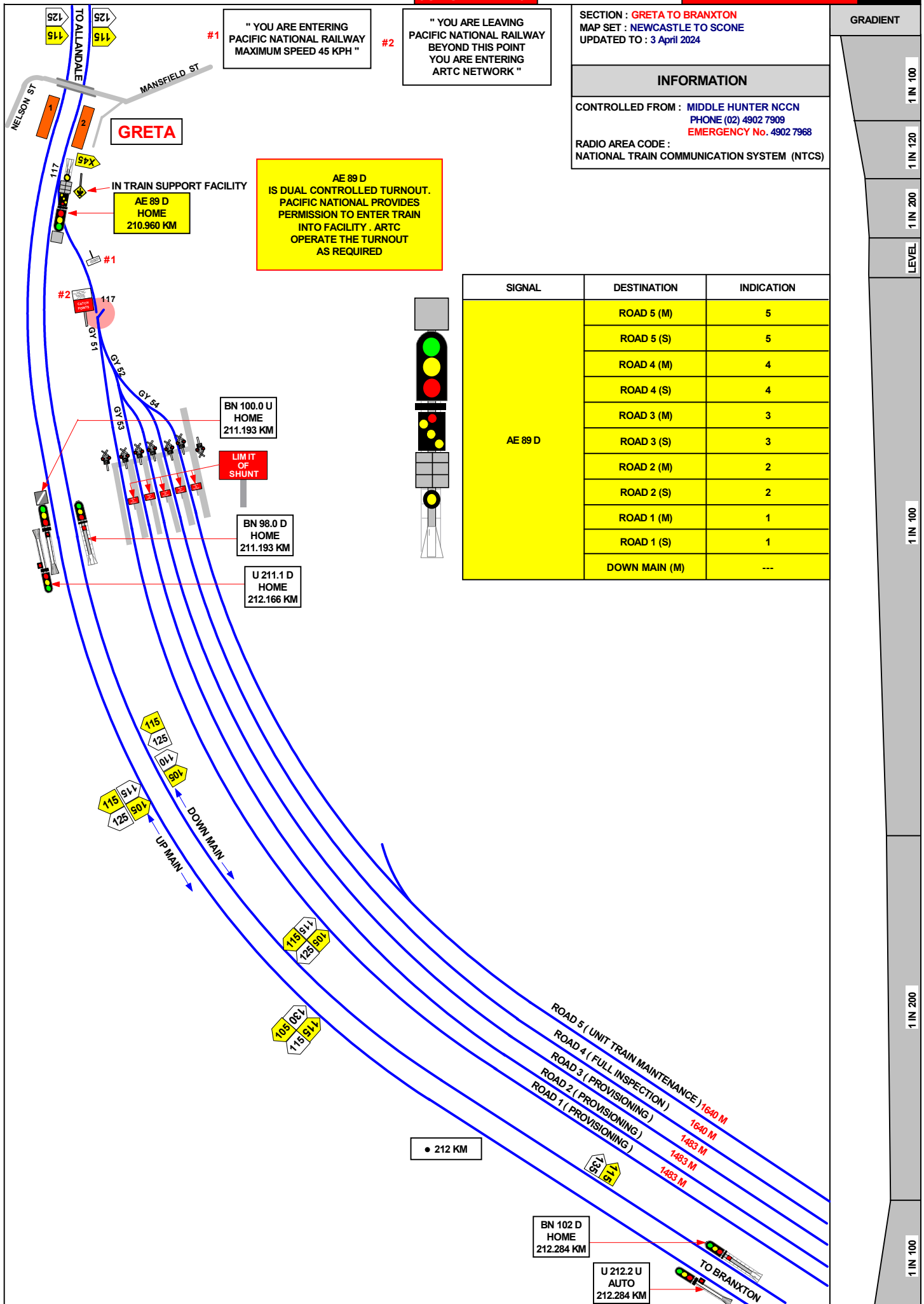
SIGNAL	DESTINATION	INDICATION
BN 89 D	ROAD 5 (M)	5
	ROAD 5 (S)	5
	ROAD 4 (M)	4
	ROAD 4 (S)	4
	ROAD 3 (M)	3
	ROAD 3 (S)	3
	ROAD 2 (M)	2
	ROAD 2 (S)	2
	ROAD 1 (M)	1
	ROAD 1 (S)	1
	DOWN MAIN (M)	---

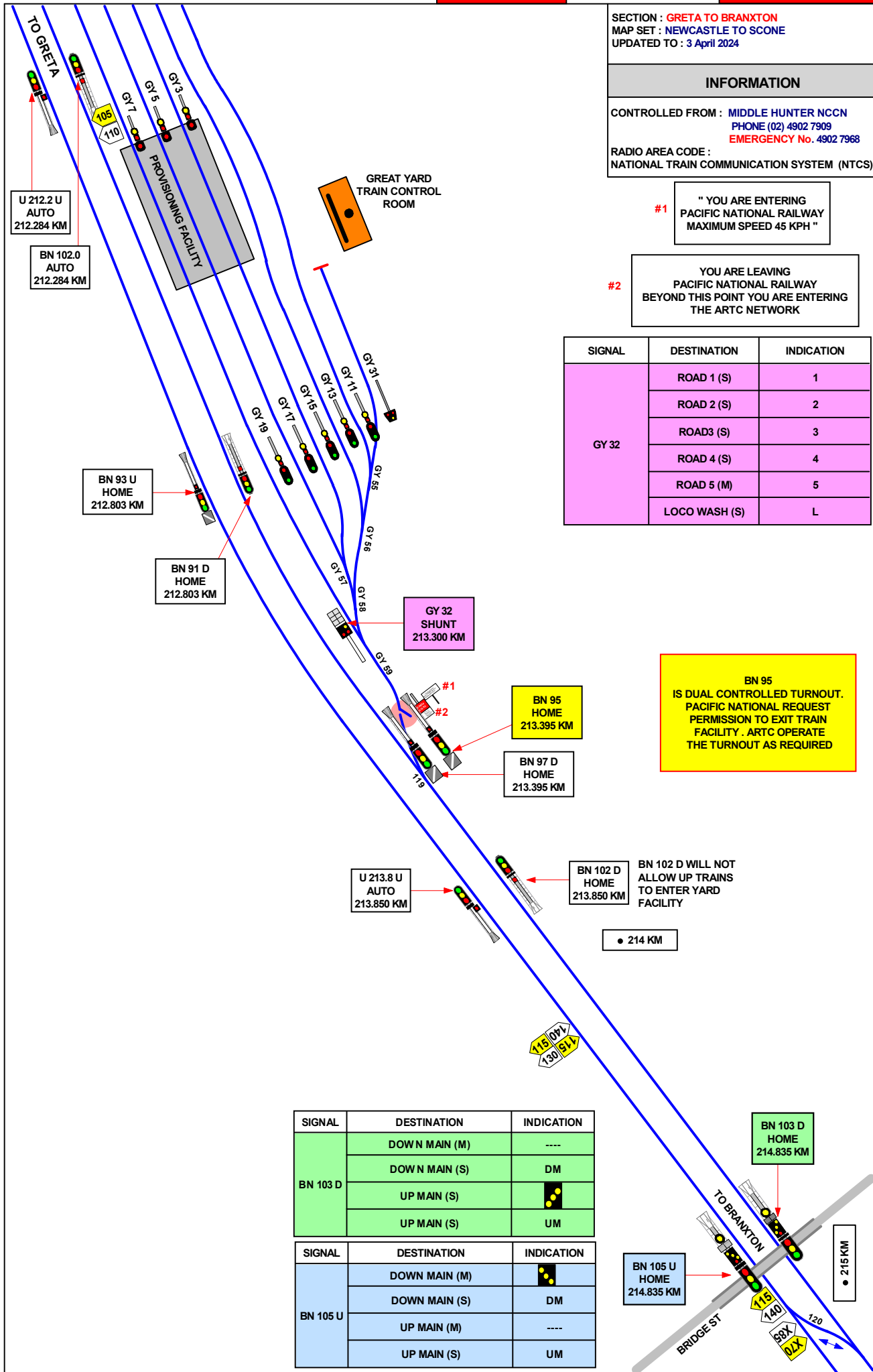
PONR

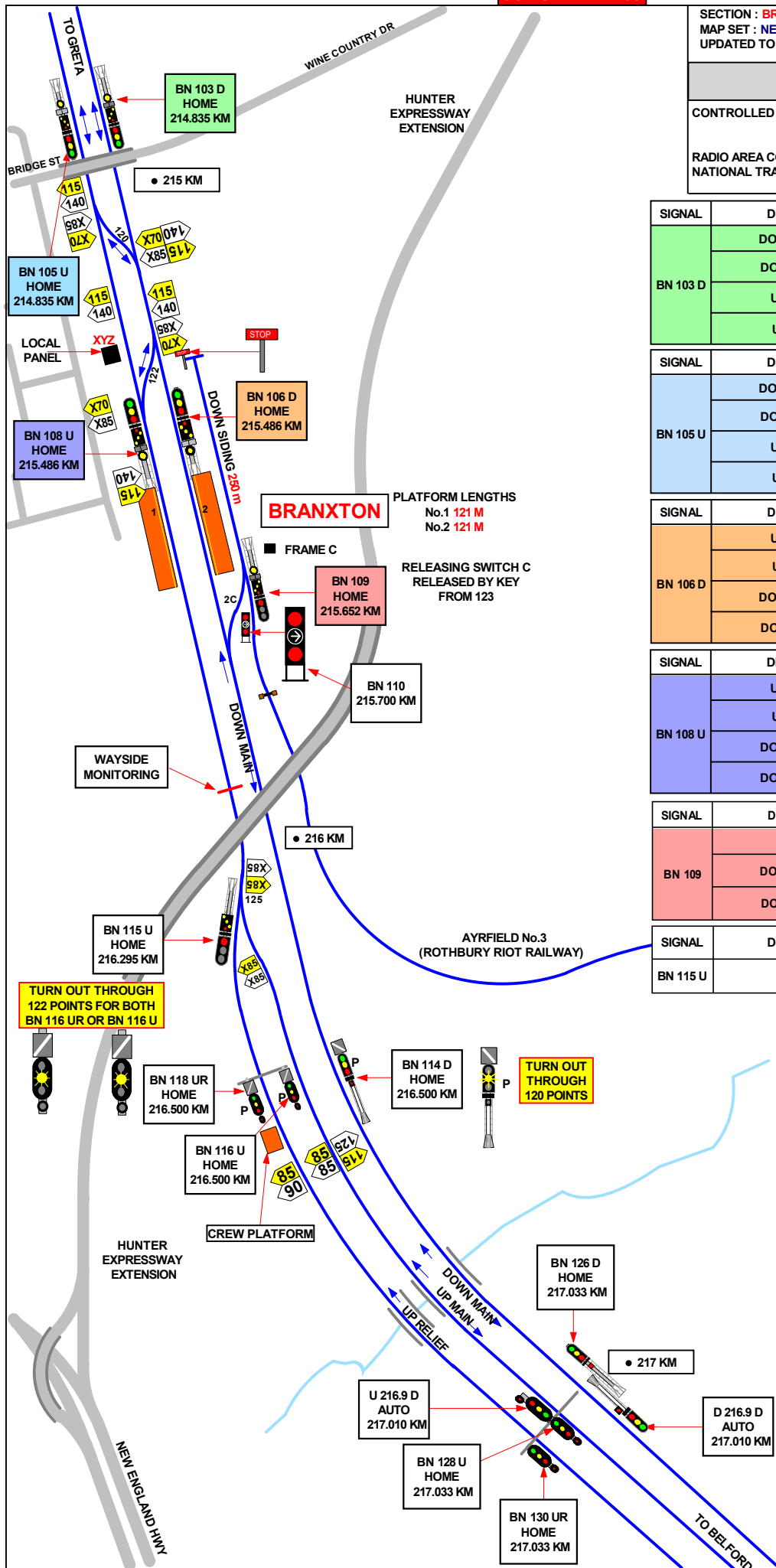
POINTS OF NO RETURN

SIGNAL No.	DESTINATION
BN 96 U	LOCHINVAR









SECTION : BRANXTON TO BELFORD
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : MIDDLE HUNTER NCCN
 PHONE (02) 4902 7909
 EMERGENCY No. 4902 7968

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
BN 103 D	DOWN MAIN (M)	----
	DOWN MAIN (S)	DM
	UP MAIN (M)	●●●
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
BN 105 U	DOWN MAIN (M)	●●●
	DOWN MAIN (S)	DM
	UP MAIN (M)	----
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
BN 106 D	UP MAIN (M)	●●●
	UP MAIN (S)	UM
	DOWN MAIN (M)	----
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
BN 108 U	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN MAIN (S)	●●●
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
BN 109	SIDING	←
	DOWN MAIN (M)	●●●
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
BN 115 U	UP MAIN	●●●

GRADIENT

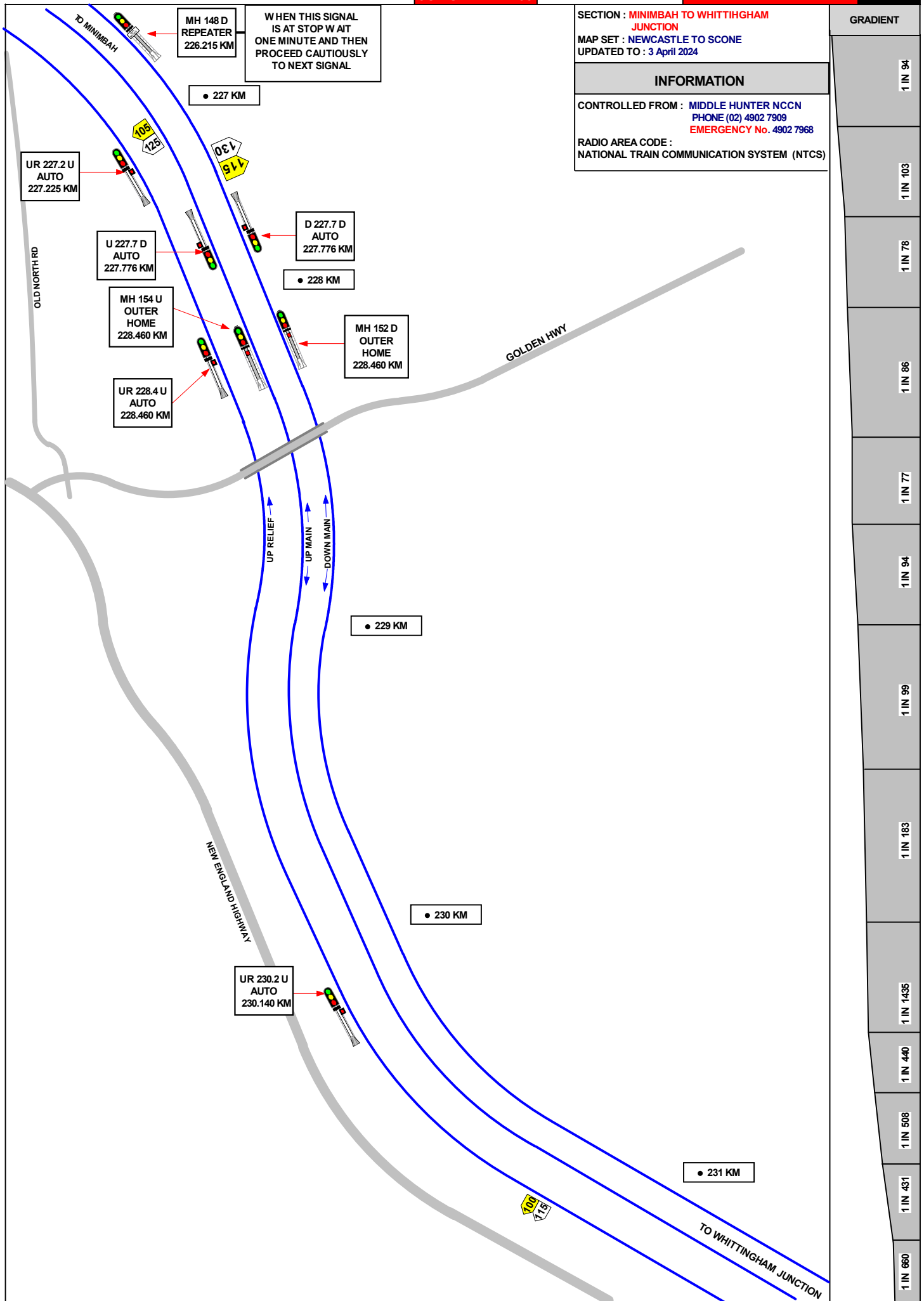
LEVEL

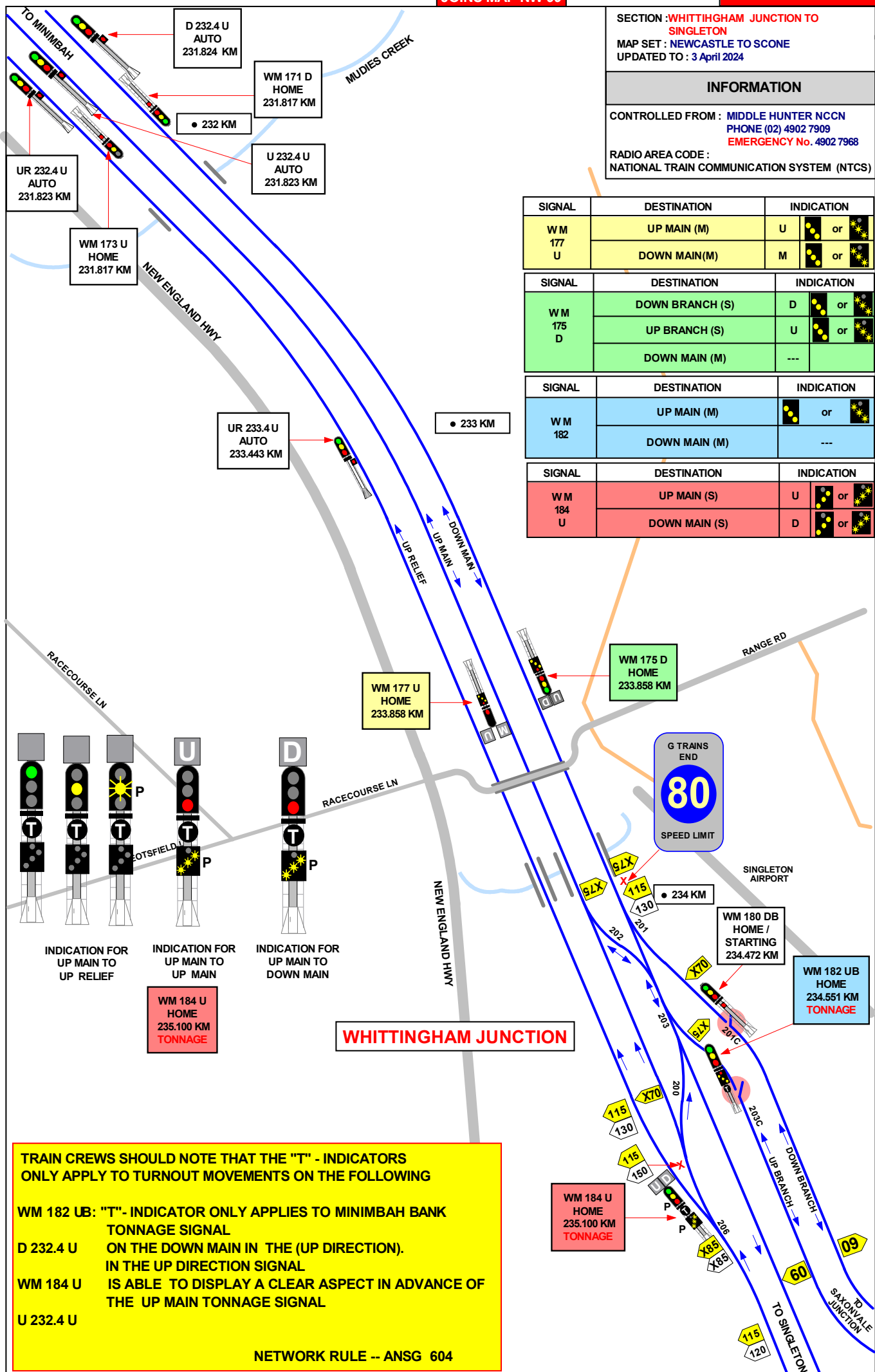
1 IN 110

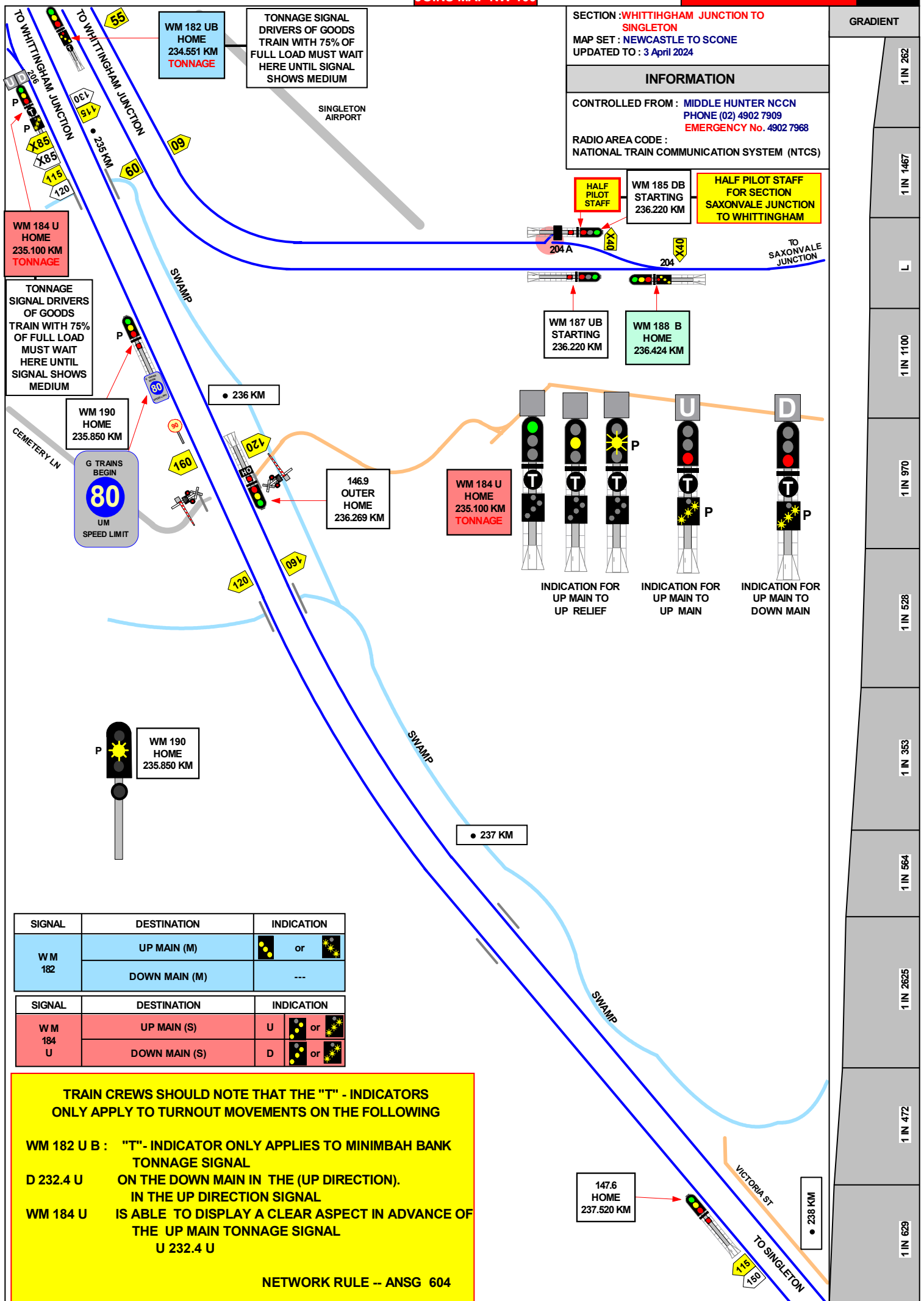
1 IN 87

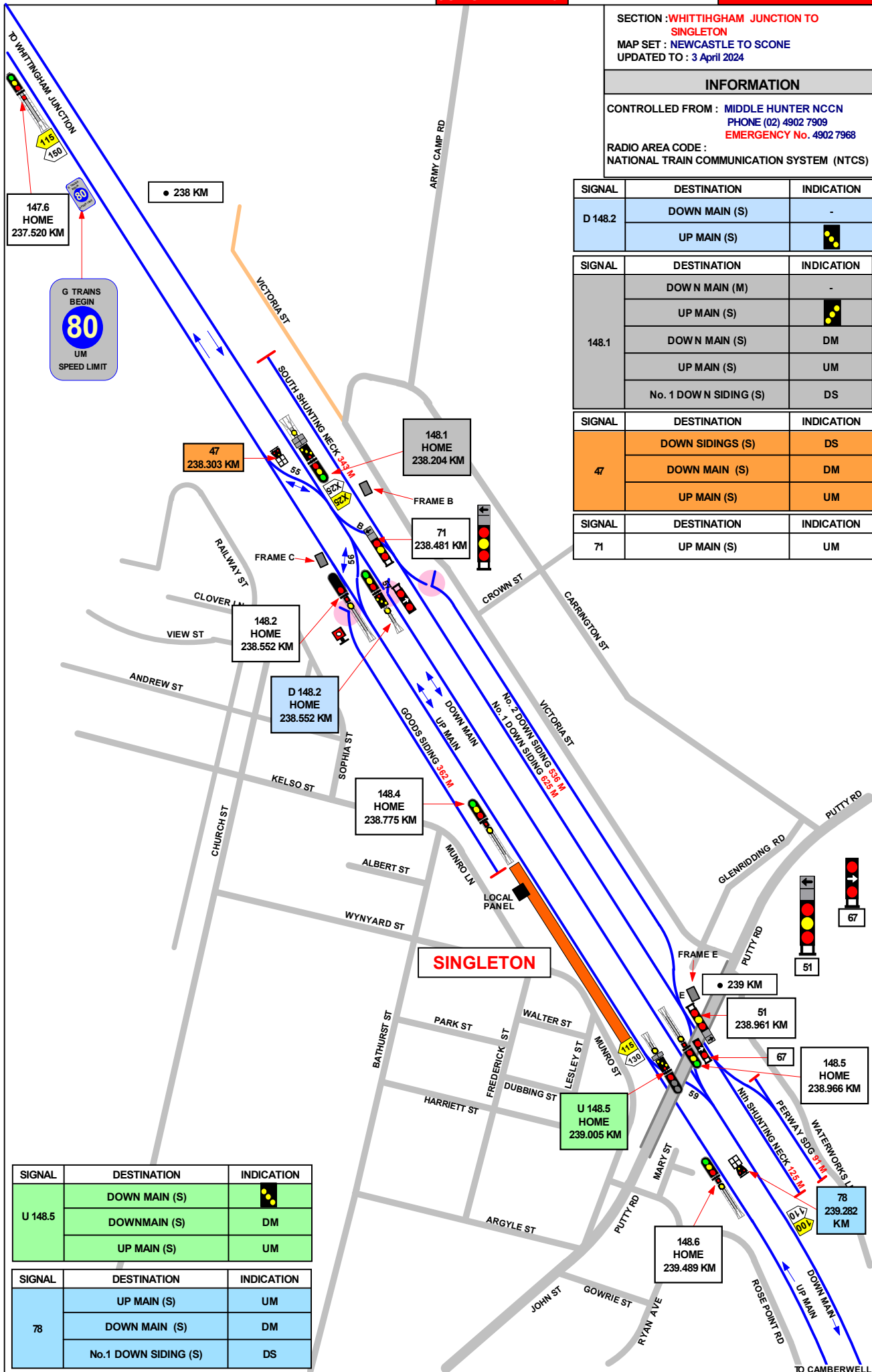


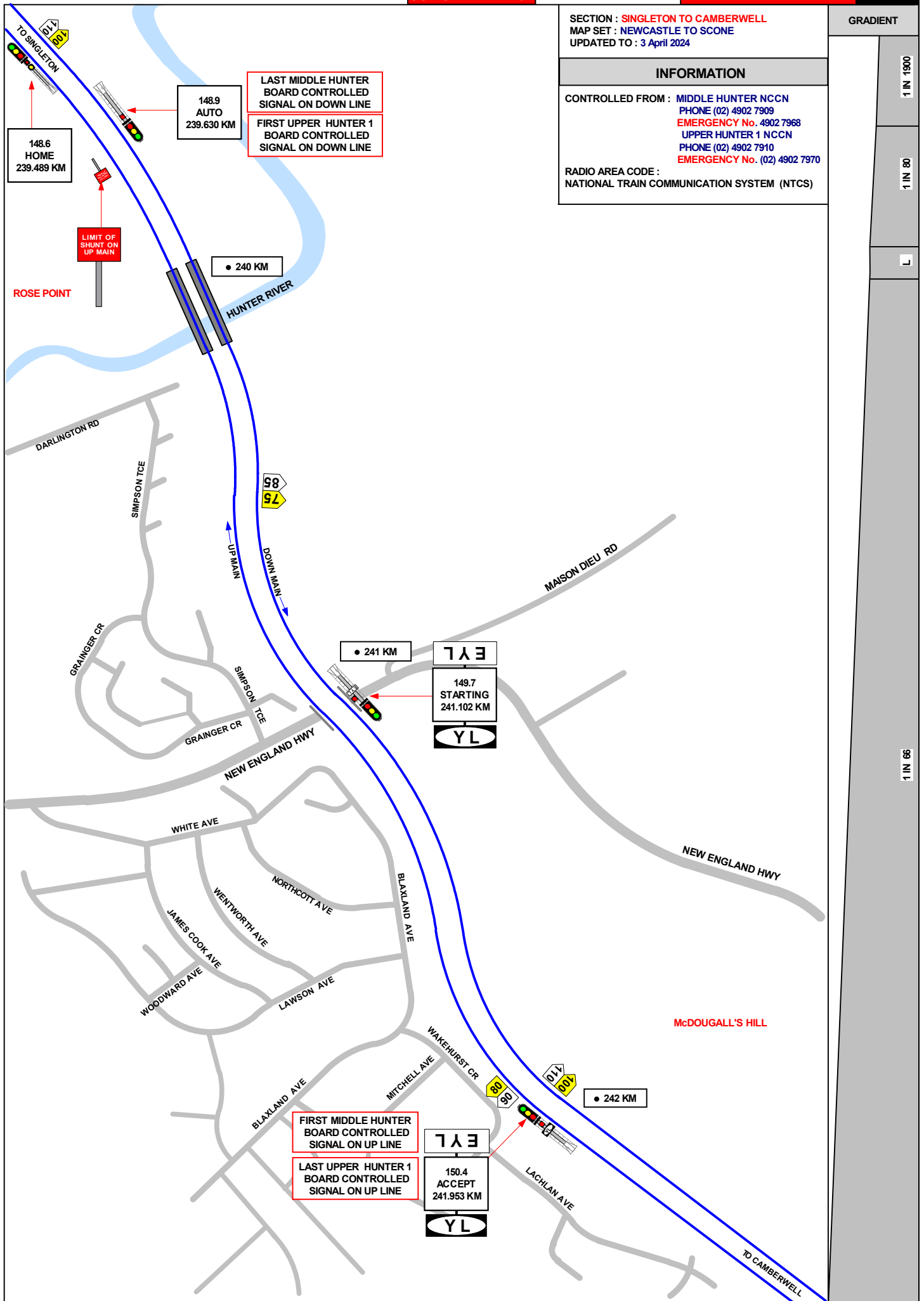












SECTION : SINGLETON TO CAMBERWELL
 MAP SET : NEWCASTLE TO SCONE
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : UPPER HUNTER 1 BOARD
 PHONE (02)4902 7910
 EMERGENCY No. (02)4902 7970
 RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

GRADIENT

1 IN 66

1 IN 100

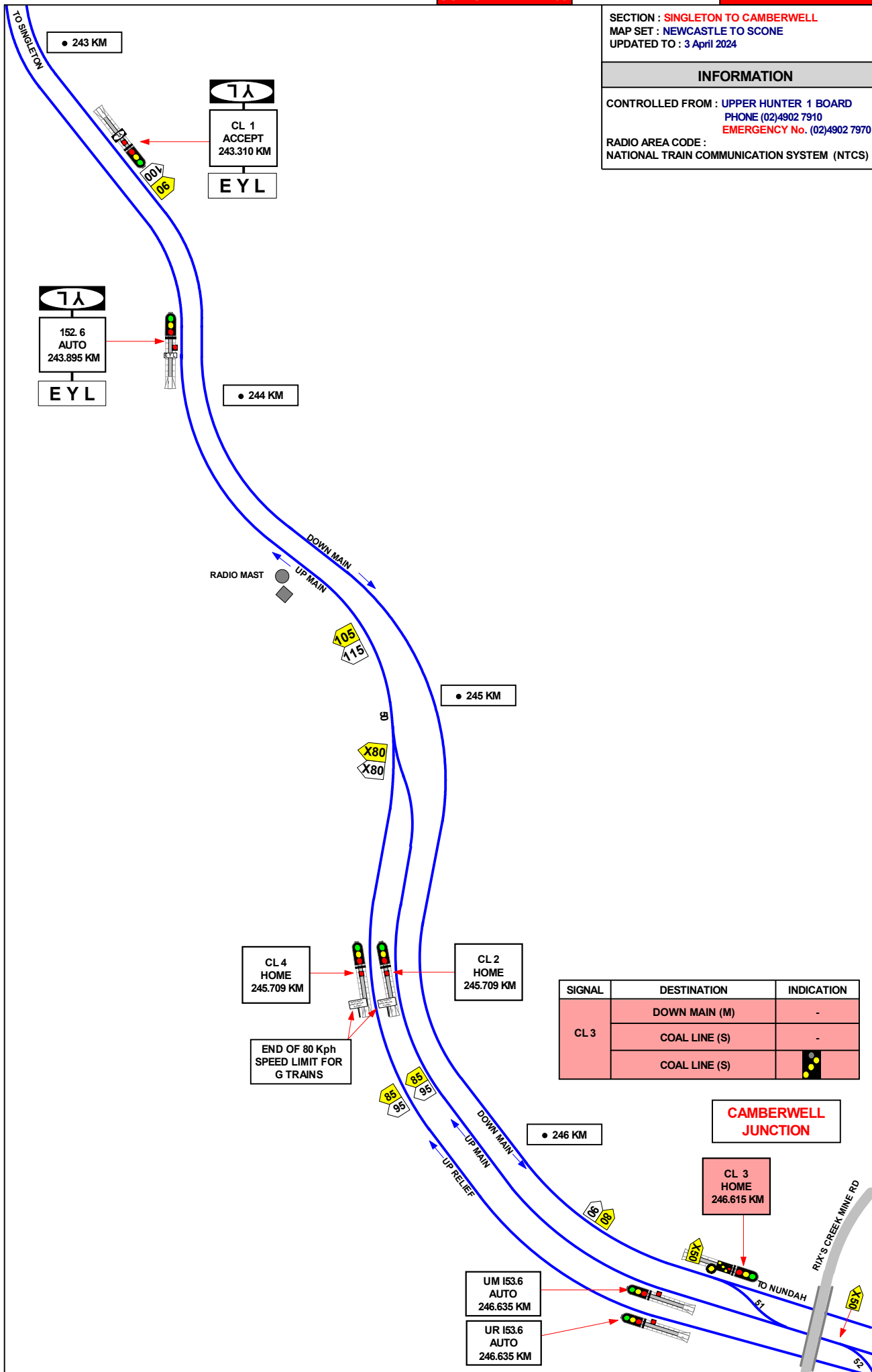
1 IN 66

1 IN 100

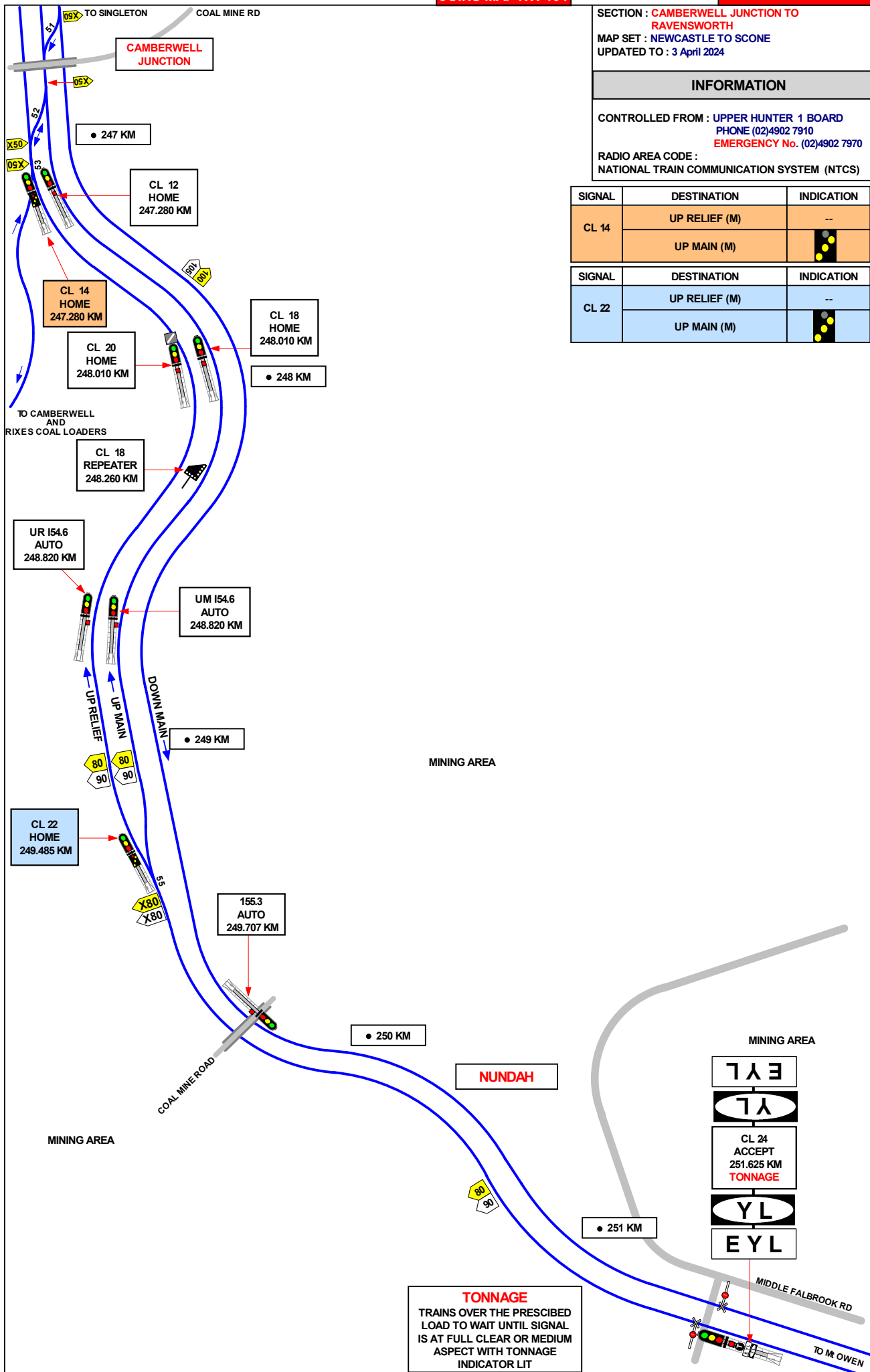
1 IN 66

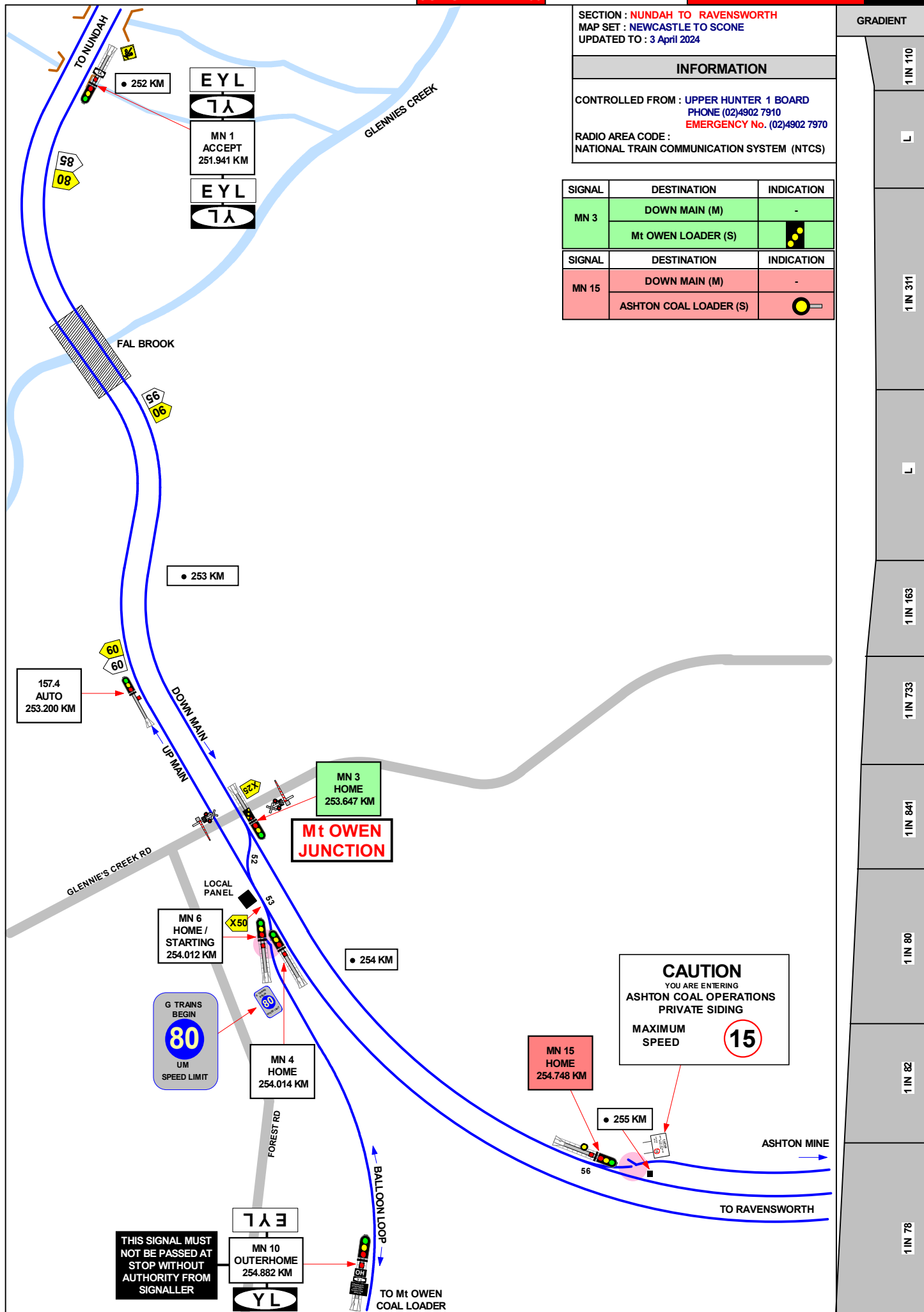
1 IN 143

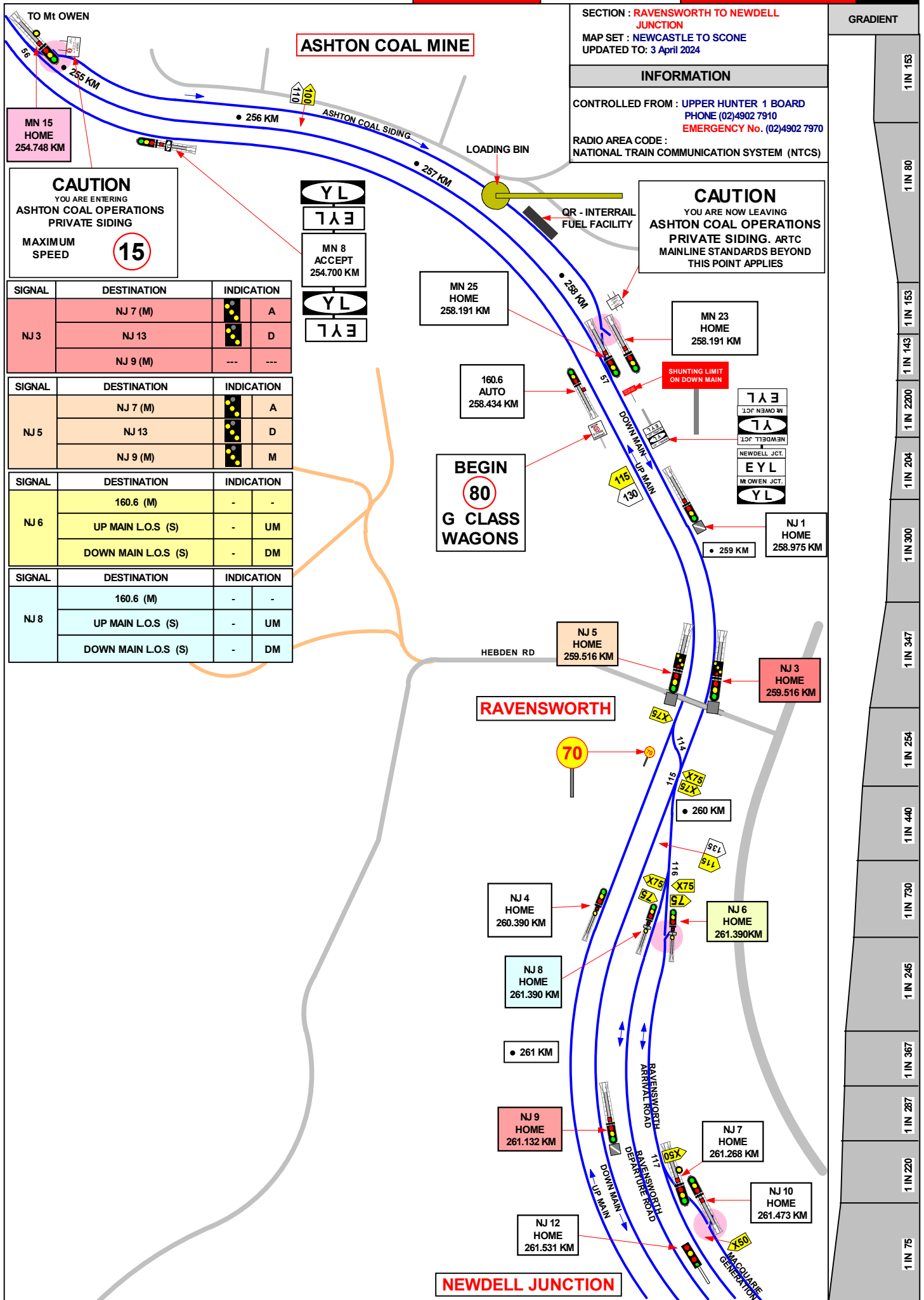
1 IN 87

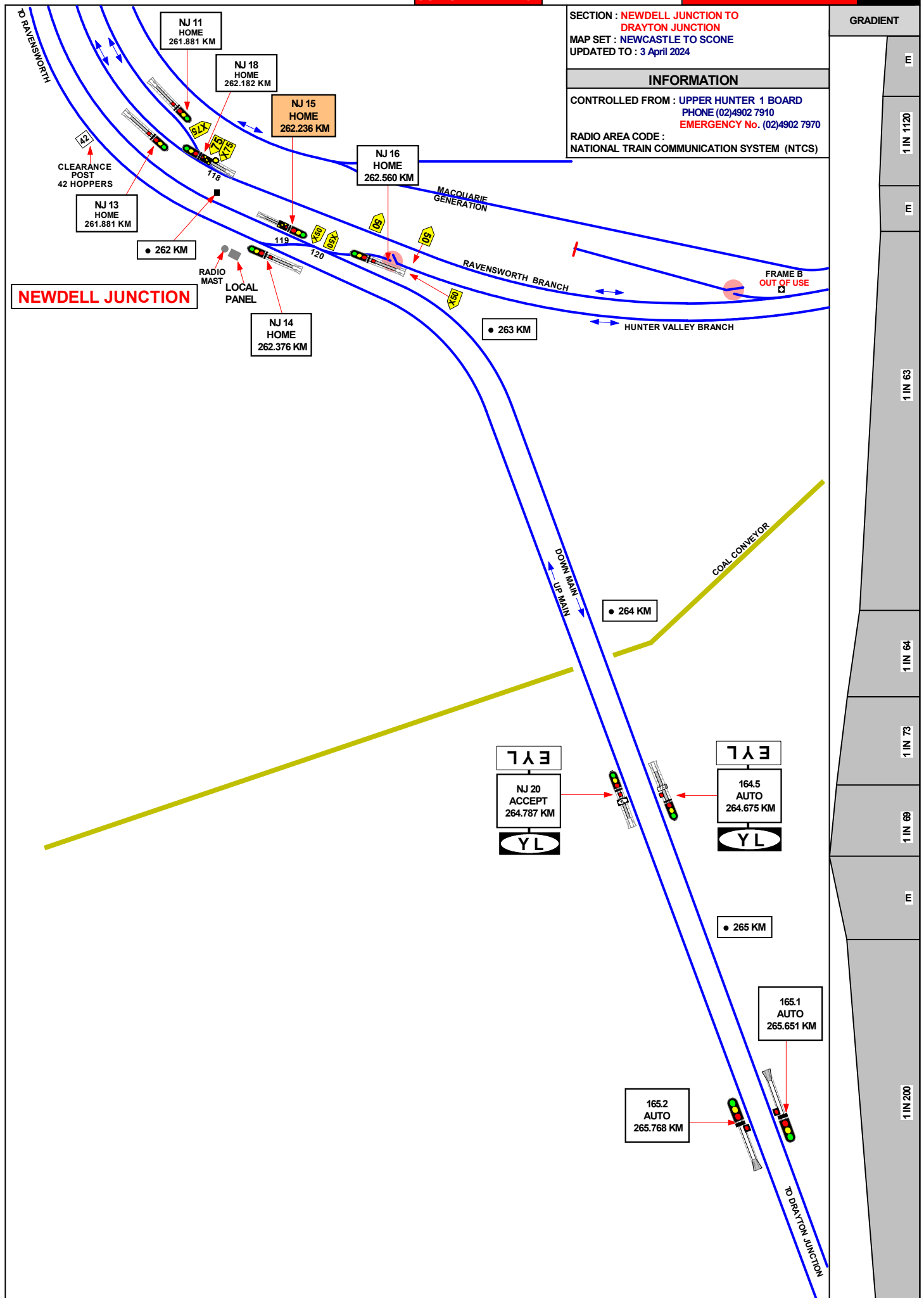


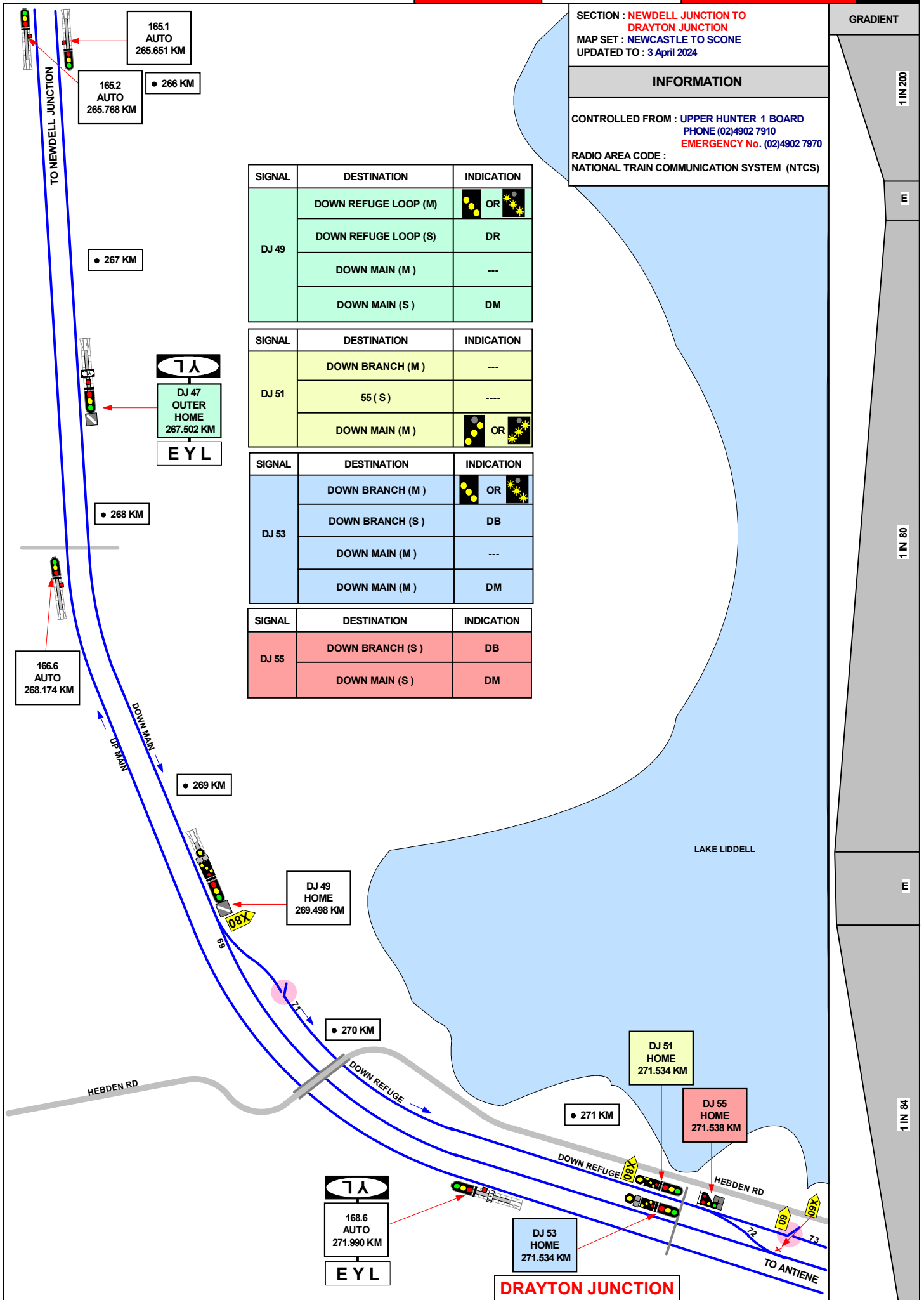
SIGNAL	DESTINATION	INDICATION
CL 3	DOWN MAIN (M)	-
	COAL LINE (S)	-
	COAL LINE (S)	●●●



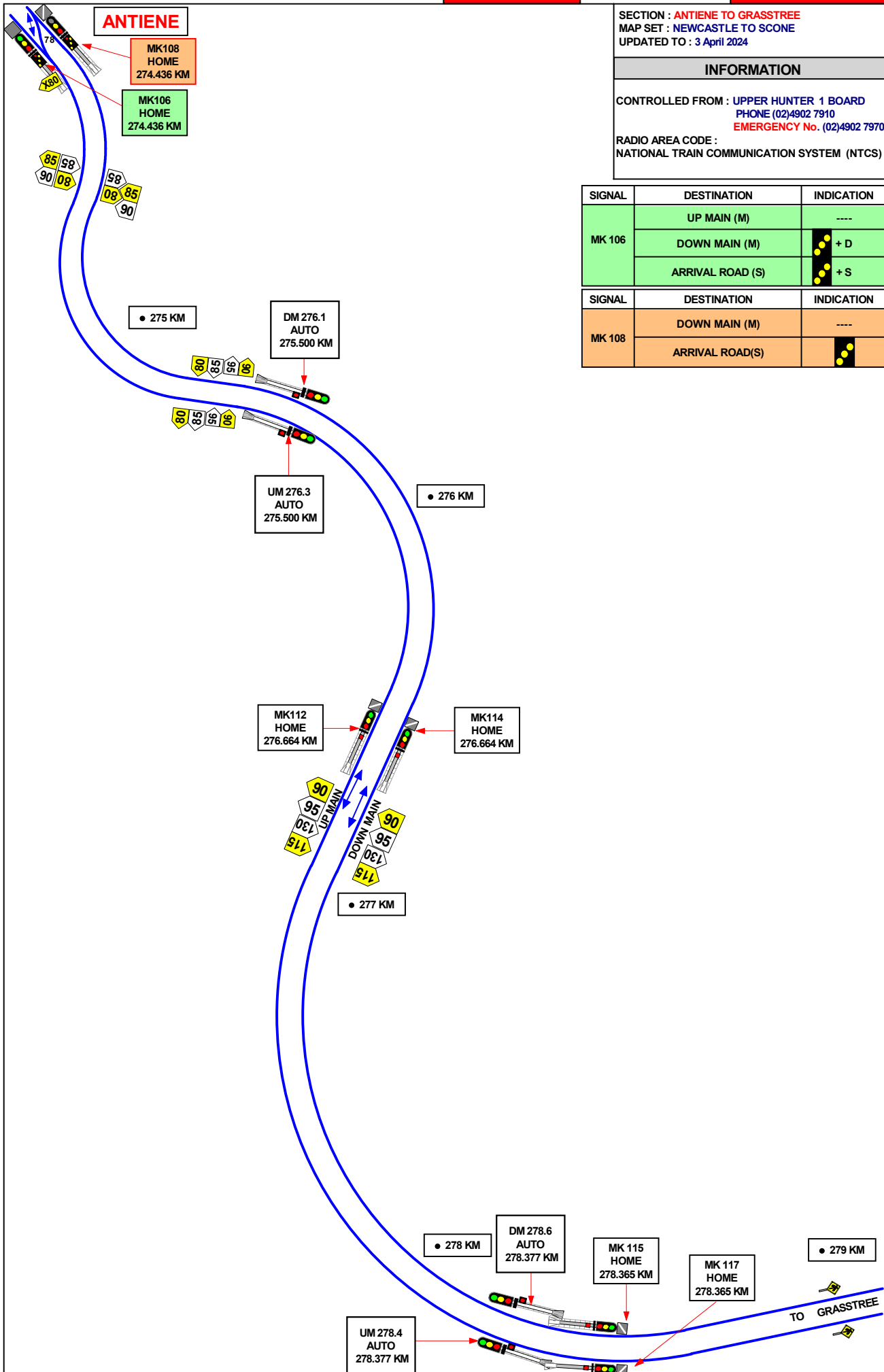




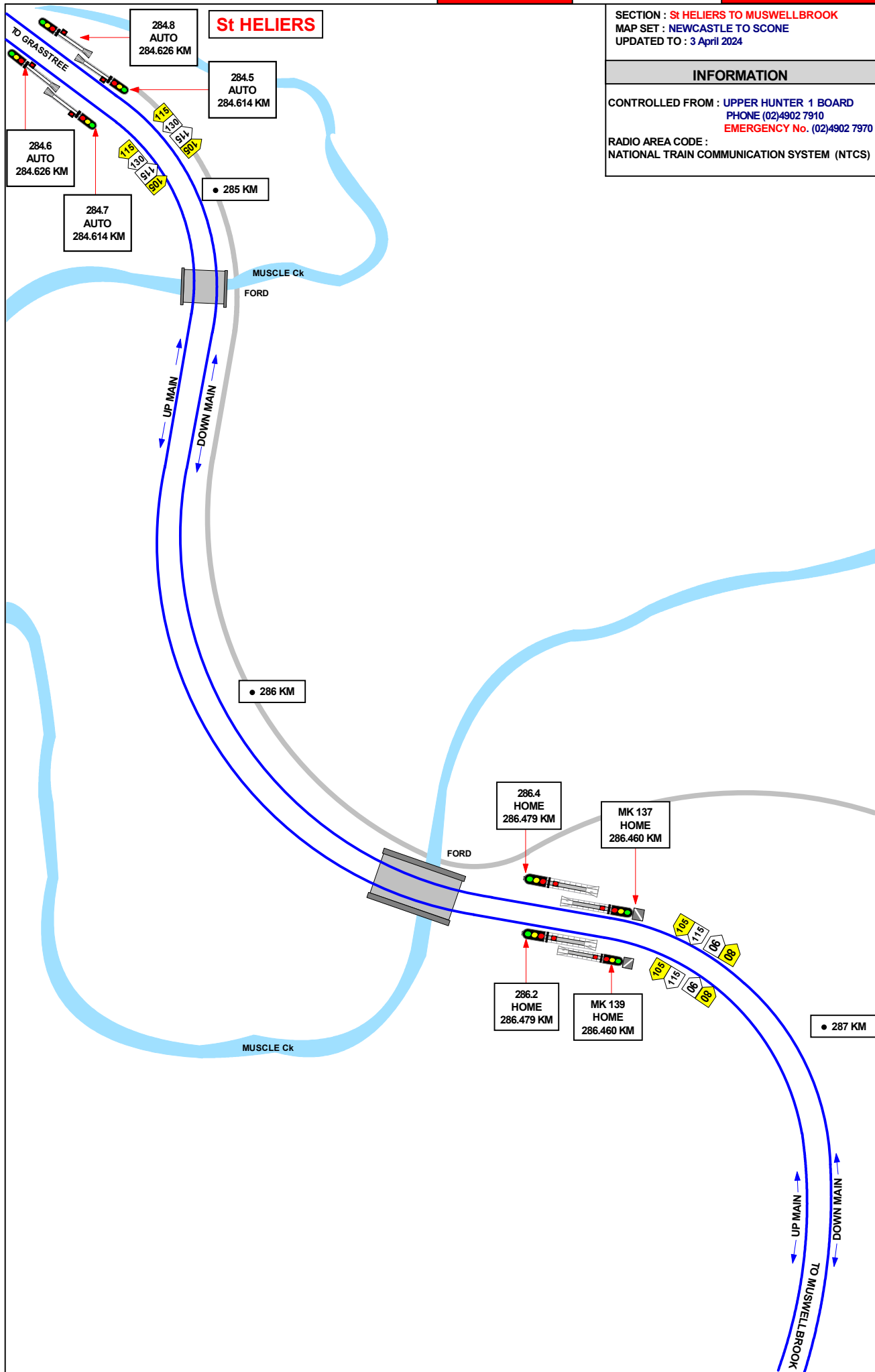












SECTION : **St HELIERS TO MUSWELLBROOK**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **UPPER HUNTER 1 BOARD**
 PHONE (02)4902 7910
EMERGENCY No. (02)4902 7970

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

GRADIENT

1 IN 168
1 IN 300
1 IN 254
1 IN 106
1 IN 744
1 IN 600
1 IN 528
1 IN 550
1 IN 508
1 IN 347
1 IN 1886
1 IN 347
1 IN 232
1 IN 150
1 IN 210
1 IN 200
1 IN 165
1 IN 110
1 IN 102

SIGNAL	DESTINATION	INDICATION
MK 148	DOWN MAIN (M)	---
	DOWN MAIN (S)	---
SIGNAL	DESTINATION	INDICATION
MK 141	SIDINGS (S)	---

SECTION : **MUSWELLBROOK**
 MAP SET : **NEWCASTLE TO SCONE**
 UPDATED TO : 3 April 2024

INFORMATION

CONTROLLED FROM : **UPPER HUNTER 1 BOARD**
 PHONE (02)4902 7910
EMERGENCY No. (02)4902 7970
 RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
MK 143	DOWN MAIN (M)	---
	UP MAIN (M)	●●●
	SIDINGS (S)	S
	DOWN MAIN (S)	D
MK 145	DOWN MAIN (M)	●●●
	UP MAIN (M)	---

SIGNAL	DESTINATION	INDICATION
MK 145	DOWN MAIN (M)	●●●
	UP MAIN (M)	---

SIGNAL	DESTINATION	INDICATION
MK 146	DOWN MAIN (M)	●●●
	DOWN MAIN (S)	D
	COAL NECK (S)	S

SIGNAL	DESTINATION	INDICATION
MK 161	MAIN (M)	---
	MAIN (S)	---

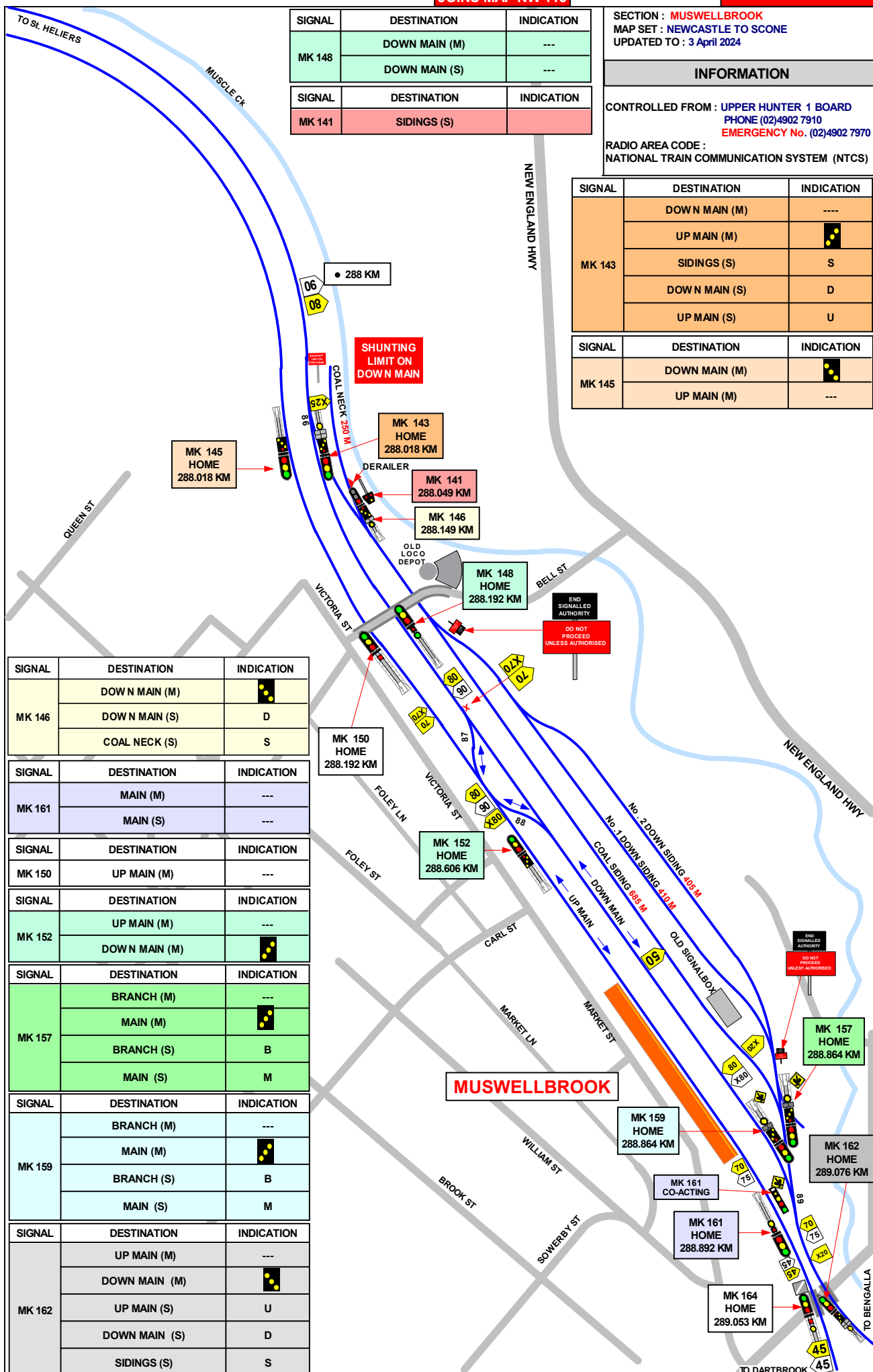
SIGNAL	DESTINATION	INDICATION
MK 150	UP MAIN (M)	---

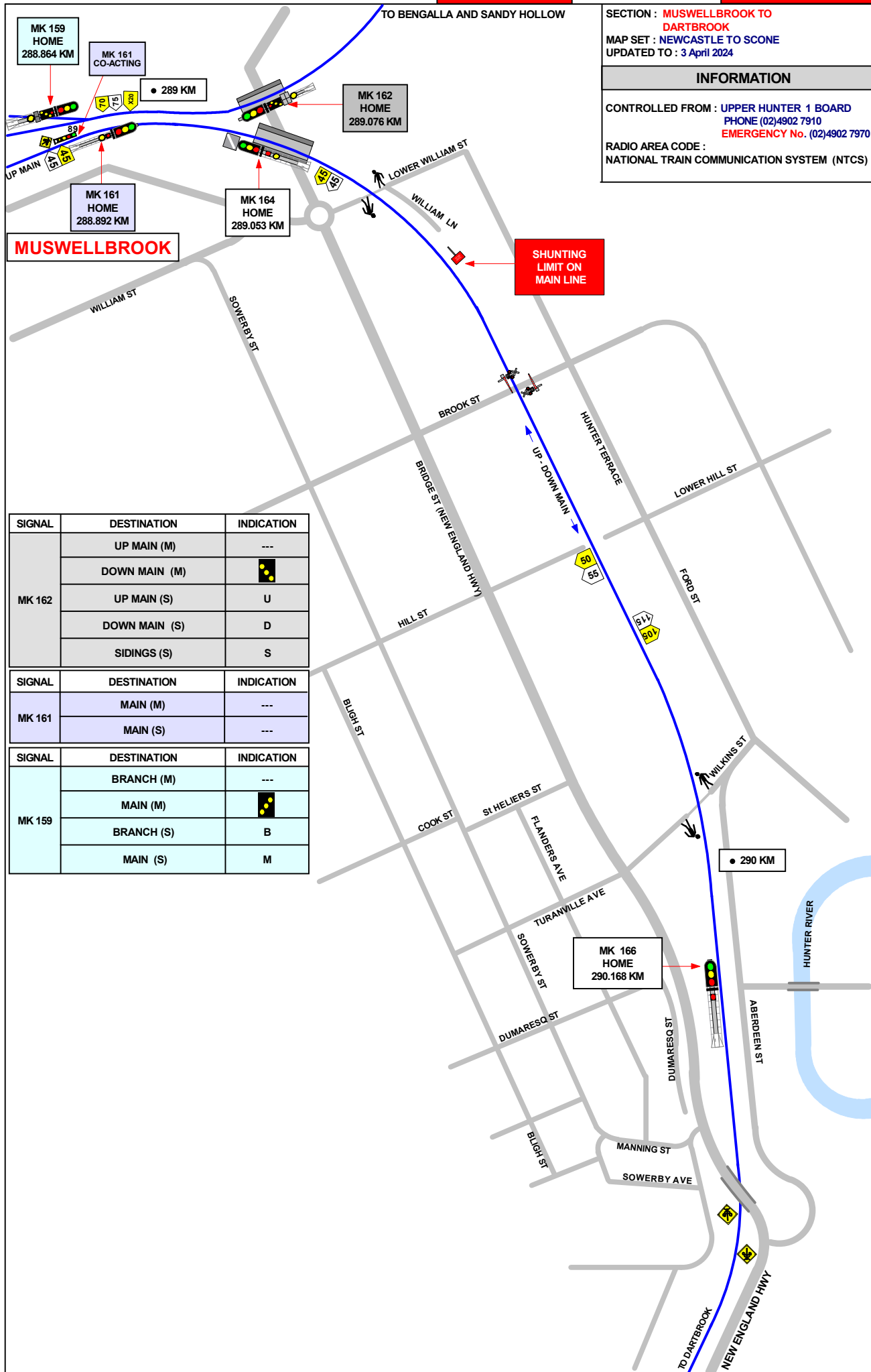
SIGNAL	DESTINATION	INDICATION
MK 152	UP MAIN (M)	---
	DOWN MAIN (M)	●●●

SIGNAL	DESTINATION	INDICATION
MK 157	BRANCH (M)	---
	MAIN (M)	●●●
	BRANCH (S)	B
	MAIN (S)	M

SIGNAL	DESTINATION	INDICATION
MK 159	BRANCH (M)	---
	MAIN (M)	●●●
	BRANCH (S)	B
	MAIN (S)	M

SIGNAL	DESTINATION	INDICATION
MK 162	UP MAIN (M)	---
	DOWN MAIN (M)	●●●
	UP MAIN (S)	U
	DOWN MAIN (S)	D
	SIDINGS (S)	S





GRADIENT

1 IN 120

LEVEL

1 IN 254

1 IN 200

1 IN 440





