

DRIVERS ROUTE KNOWLEDGE DIAGRAMS

NORTH COAST (HUNTER) LINE

TELARAH

MINDARIBBA

PATERSON

MARTIN'S CREEK

KILBRIDE

HILLDALE

WALLAROBBA

WALLAROBBA LOOP

WIRRAGULLA

DUNOG

Effective Date: October 2025

Version: 4.17

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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Please report any updates to
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Location: CM Record No.D2015/570

SECTION : TELARAH YARD
 MAP SET : MAITLAND TO DUNGO
 UPDATED TO : 13 January 2023

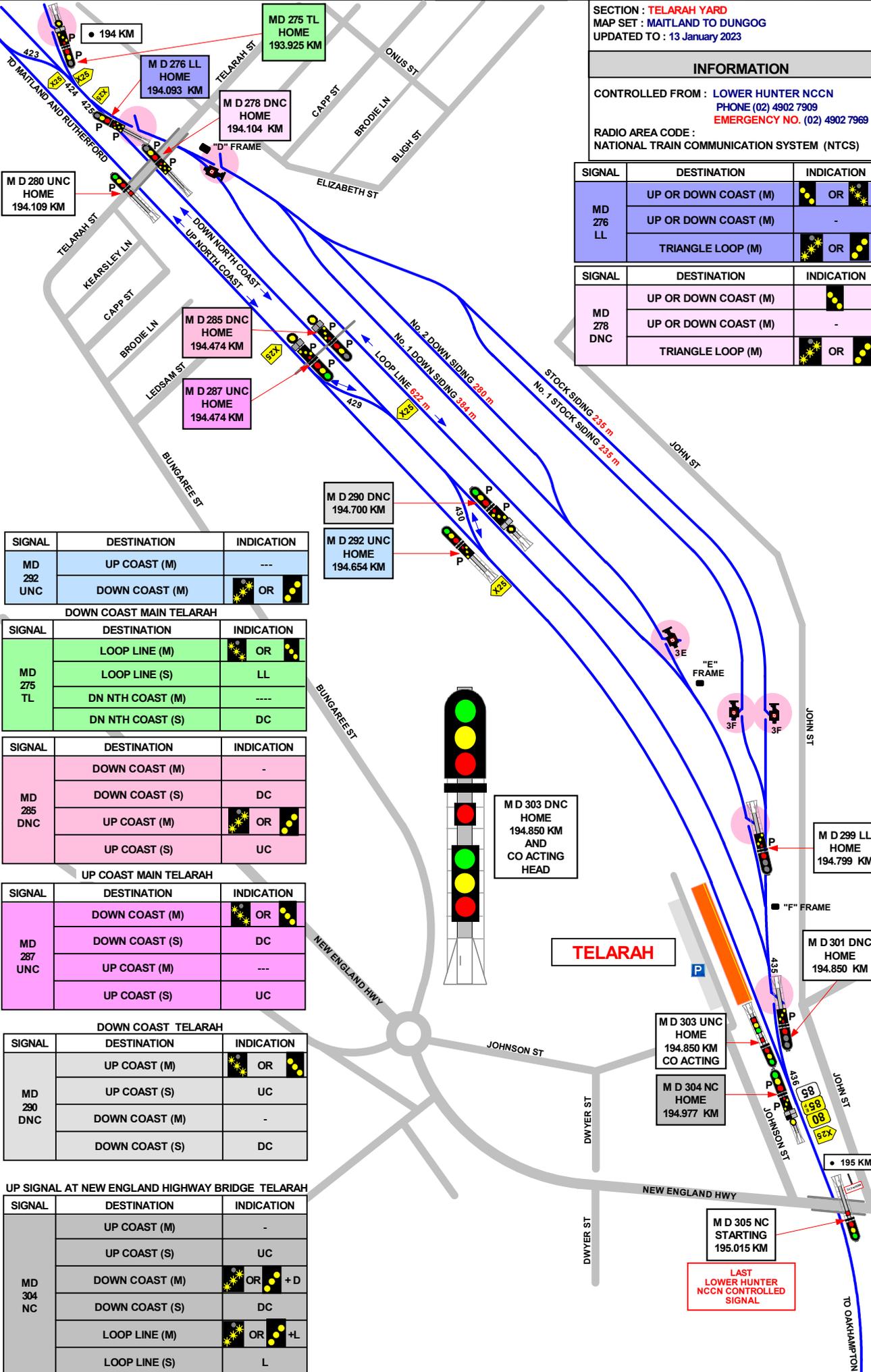
INFORMATION

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

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

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

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



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

DOWN COAST MAIN TELARAH

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

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

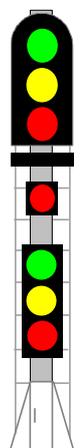
UP COAST MAIN TELARAH

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

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

UP SIGNAL AT NEW ENGLAND HIGHWAY BRIDGE TELARAH

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

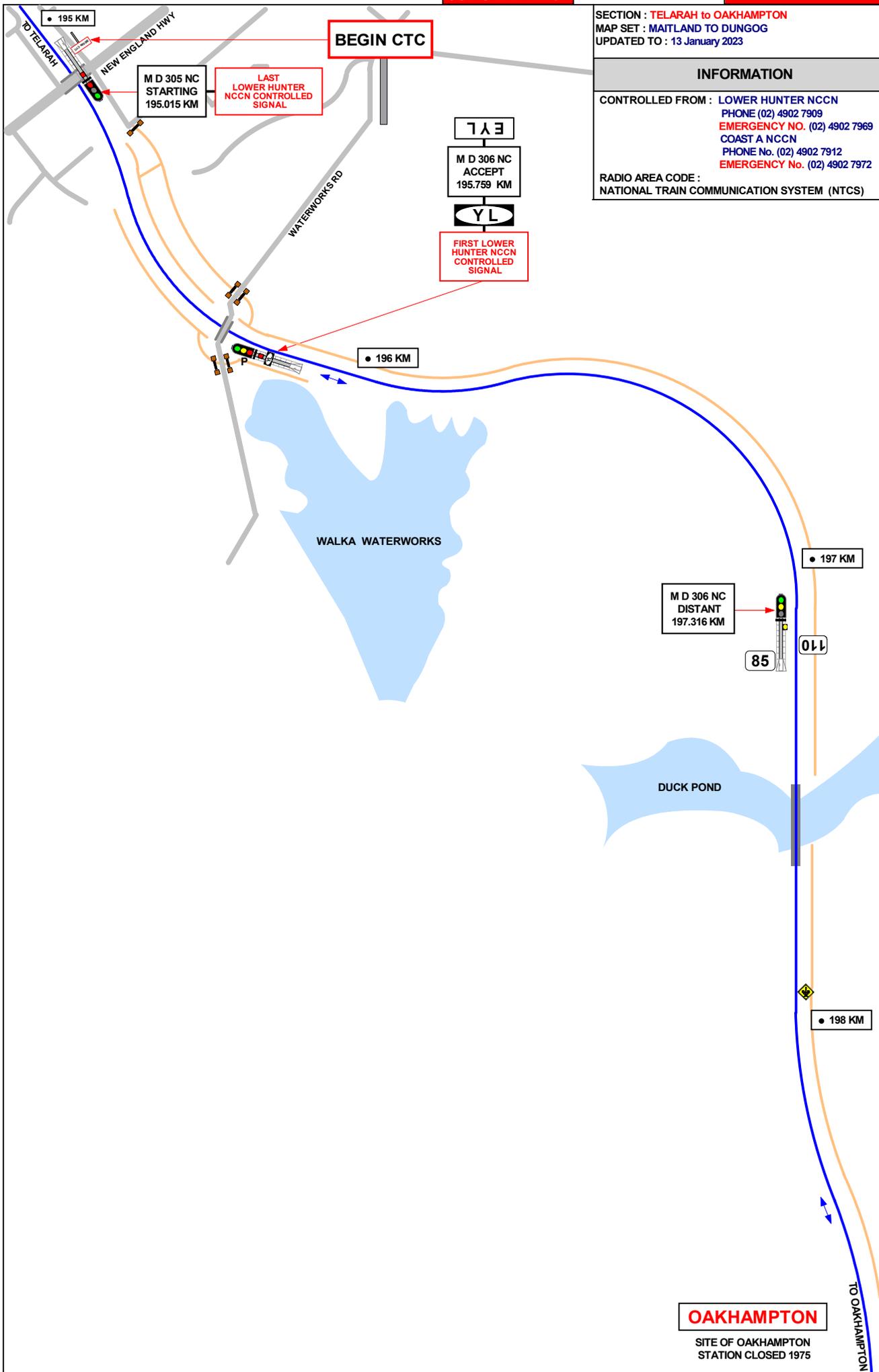


MD 303 DNC HOME 194.850 KM AND CO ACTING HEAD

LAST LOWER HUNTER NCCN CONTROLLED SIGNAL

1 IN 200

1 IN 110

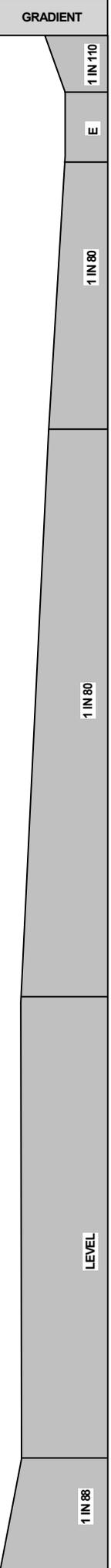


SECTION : TELARAH to OAKHAMPTON
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

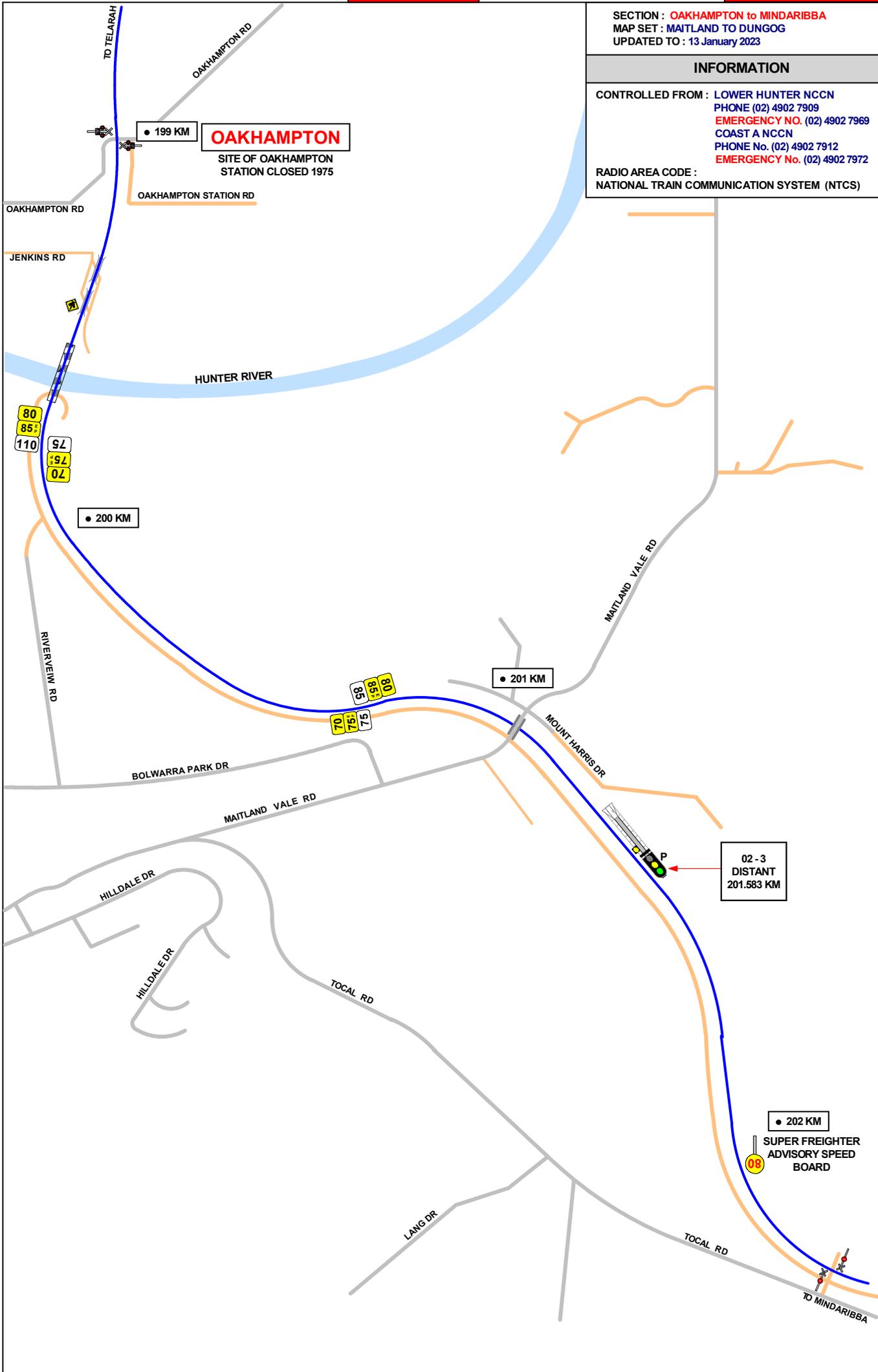
INFORMATION

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 EMERGENCY NO. (02) 4902 7969
 COAST A NCCN
 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

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OAKHAMPTON
 SITE OF OAKHAMPTON
 STATION CLOSED 1975

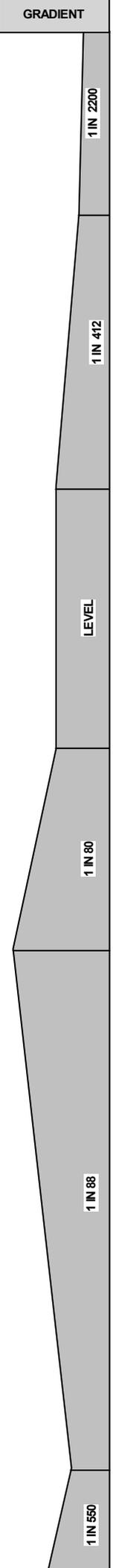


SECTION : OAKHAMPTON to MINDARIBBA
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

INFORMATION

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 PHONE (02) 4902 7909
 EMERGENCY NO. (02) 4902 7969
 COAST A NCCN
 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

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SIGNAL	DESTINATION	INDICATION
02 - 3	MAIN LINE (M)	----
	LOOP LINE (S)	●● OR ●●●

SECTION : MINDARIBBA to PATERSON
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

GRADIENT

1 IN 550

1 IN 80

1 IN 120

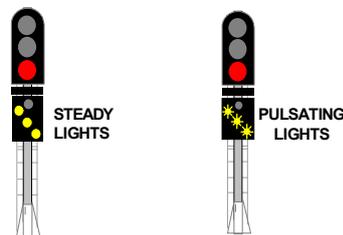
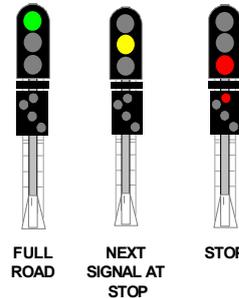
LEVEL

1 IN 367

INFORMATION

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 COAST A NCCN
 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

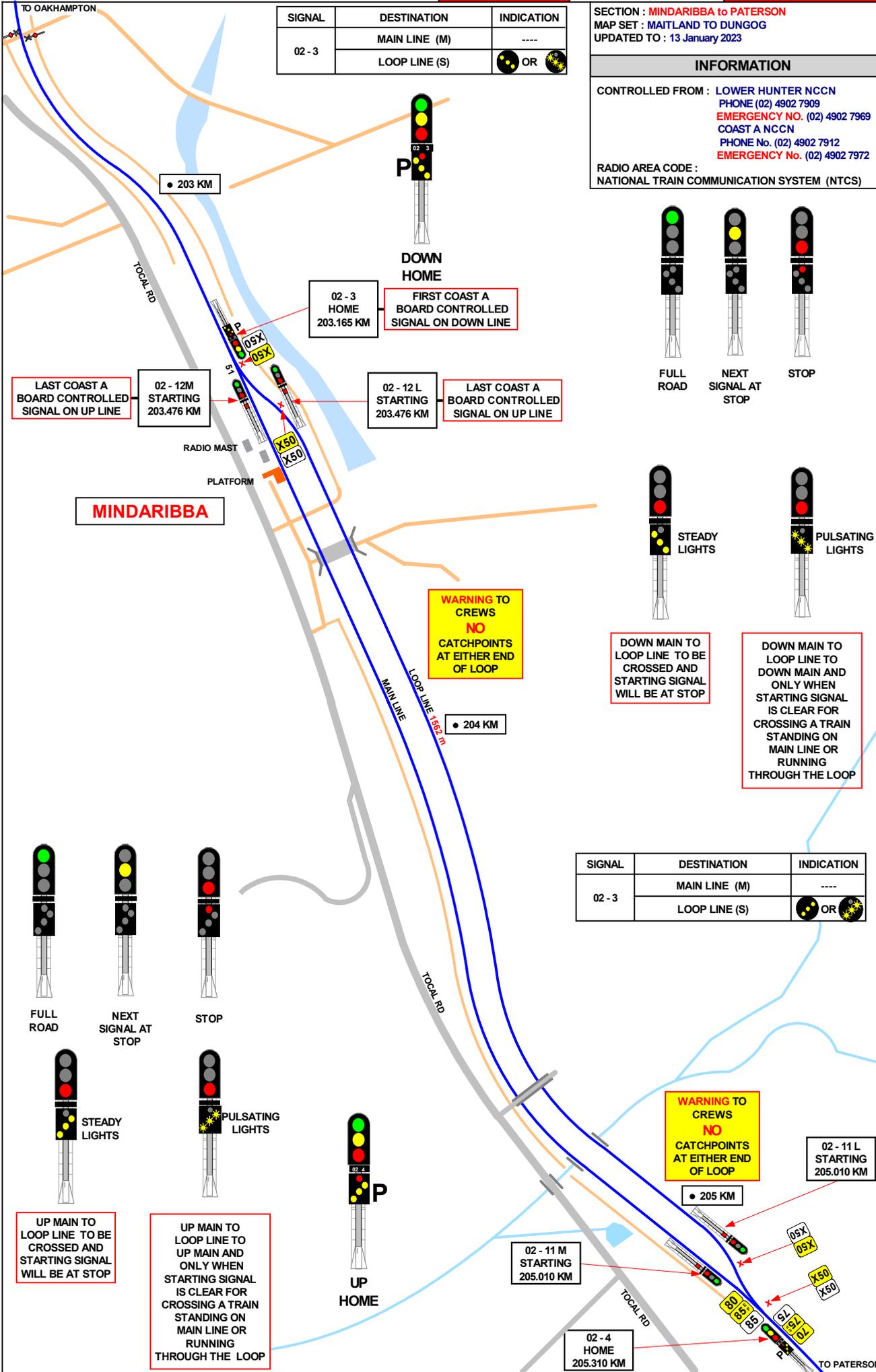
RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



DOWN MAIN TO LOOP LINE TO BE
 CROSSED AND
 STARTING SIGNAL
 WILL BE AT STOP

DOWN MAIN TO LOOP LINE TO
 DOWN MAIN AND
 ONLY WHEN
 STARTING SIGNAL
 IS CLEAR FOR
 CROSSING A TRAIN
 STANDING ON
 MAIN LINE OR
 RUNNING
 THROUGH THE LOOP

SIGNAL	DESTINATION	INDICATION
02 - 3	MAIN LINE (M)	----
	LOOP LINE (S)	●● OR ●●●



LAST COAST A BOARD CONTROLLED SIGNAL ON UP LINE

02 - 12M STARTING 203.476 KM

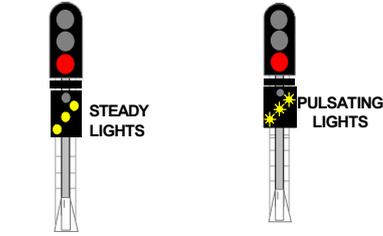
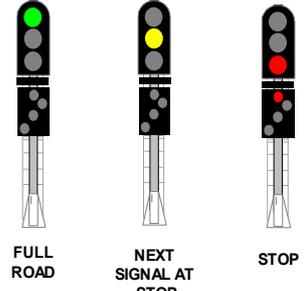
02 - 12 L STARTING 203.476 KM

LAST COAST A BOARD CONTROLLED SIGNAL ON UP LINE

MINDARIBBA

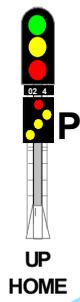
WARNING TO CREWS
 NO CATCHPOINTS AT EITHER END OF LOOP

204 KM



UP MAIN TO LOOP LINE TO BE CROSSED AND STARTING SIGNAL WILL BE AT STOP

UP MAIN TO LOOP LINE TO UP MAIN AND ONLY WHEN STARTING SIGNAL IS CLEAR FOR CROSSING A TRAIN STANDING ON MAIN LINE OR RUNNING THROUGH THE LOOP



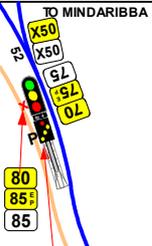
WARNING TO CREWS
 NO CATCHPOINTS AT EITHER END OF LOOP

02 - 11 L STARTING 205.010 KM

205 KM

02 - 11 M STARTING 205.010 KM

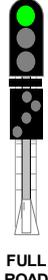
02 - 4 HOME 205.310 KM



WARNING TO CREWS
NO
 CATCHPOINTS
 AT EITHER END
 OF LOOP



UP HOME



FULL ROAD



NEXT SIGNAL AT STOP



STOP



STEADY LIGHTS

UP MAIN TO LOOP LINE TO BE CROSSED AND STARTING SIGNAL WILL BE AT STOP



PULSATING LIGHTS

UP MAIN TO LOOP LINE TO UP MAIN AND ONLY WHEN STARTING SIGNAL IS CLEAR FOR CROSSING A TRAIN STANDING ON MAIN LINE OR RUNNING THROUGH THE LOOP

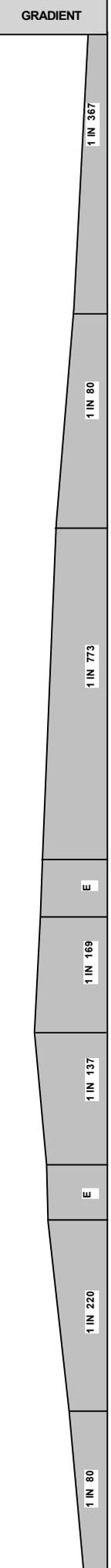
SIGNAL	DESTINATION	INDICATION
02 - 4	MAIN LINE (M)	----
	LOOP LINE (S)	OR

SECTION : MINDARIBBA to PATERSON
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

INFORMATION

CONTROLLED FROM : COAST A NCCN
 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



02 - 4 HOME
 205.310 KM

• 206 KM

• 207 KM

02 - 4 DISTANT
 207.369 KM

• 208 KM

SECTION : MINDARIBBA to PATERSON
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

INFORMATION

CONTROLLED FROM : COAST A NCCN
 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

RADIO AREA CODE :
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SIGNAL	DESTINATION	INDICATION
03 - 3	LOOP LINE (S)	L
	MAIN LINE (S)	M

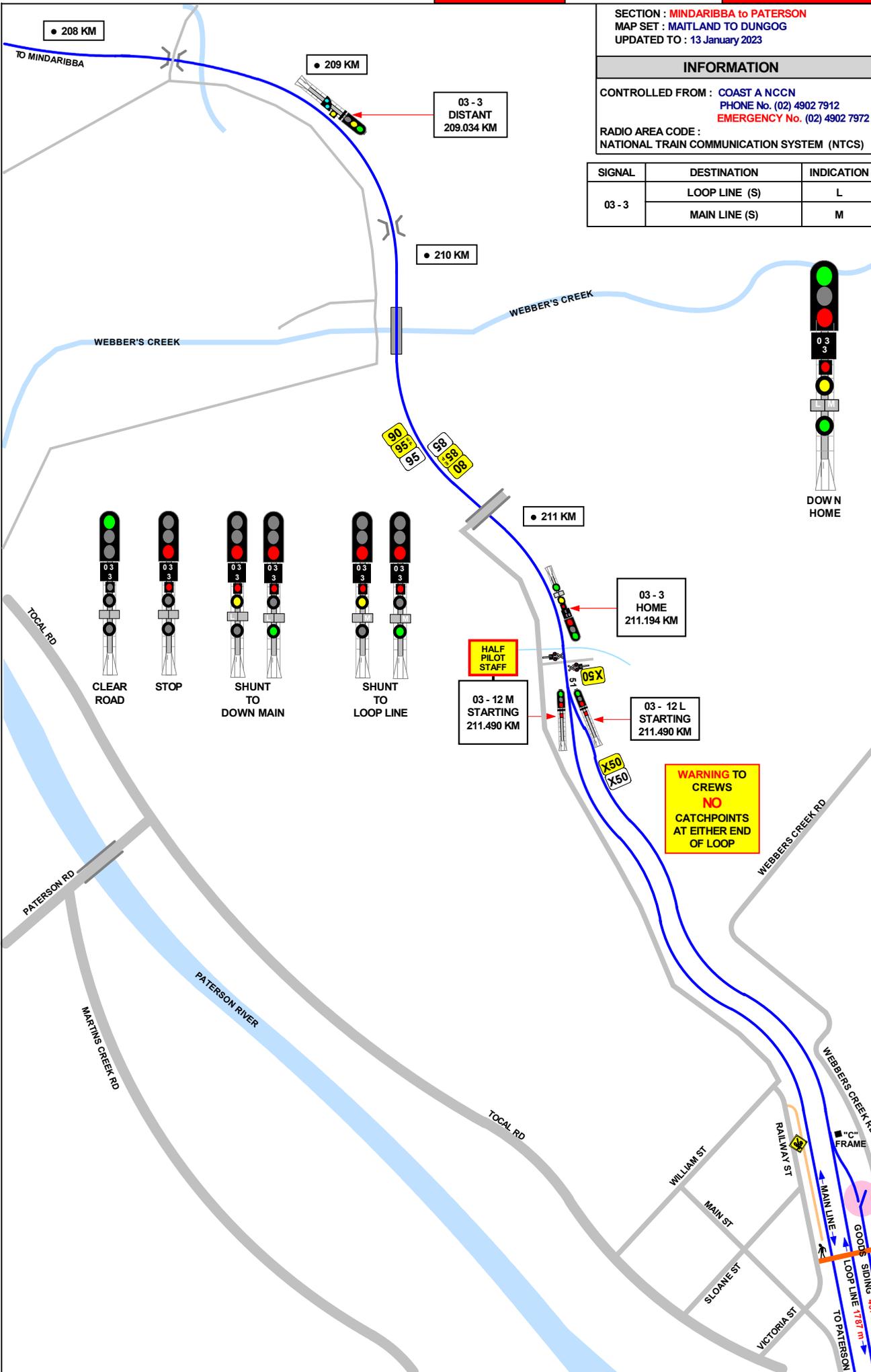
GRADIENT

1 IN 80

LEVEL

1 IN 220

1 IN 125



WARNING TO CREWS
 NO CATCHPOINTS AT EITHER END OF LOOP

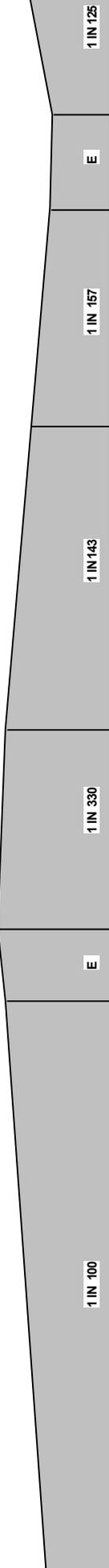
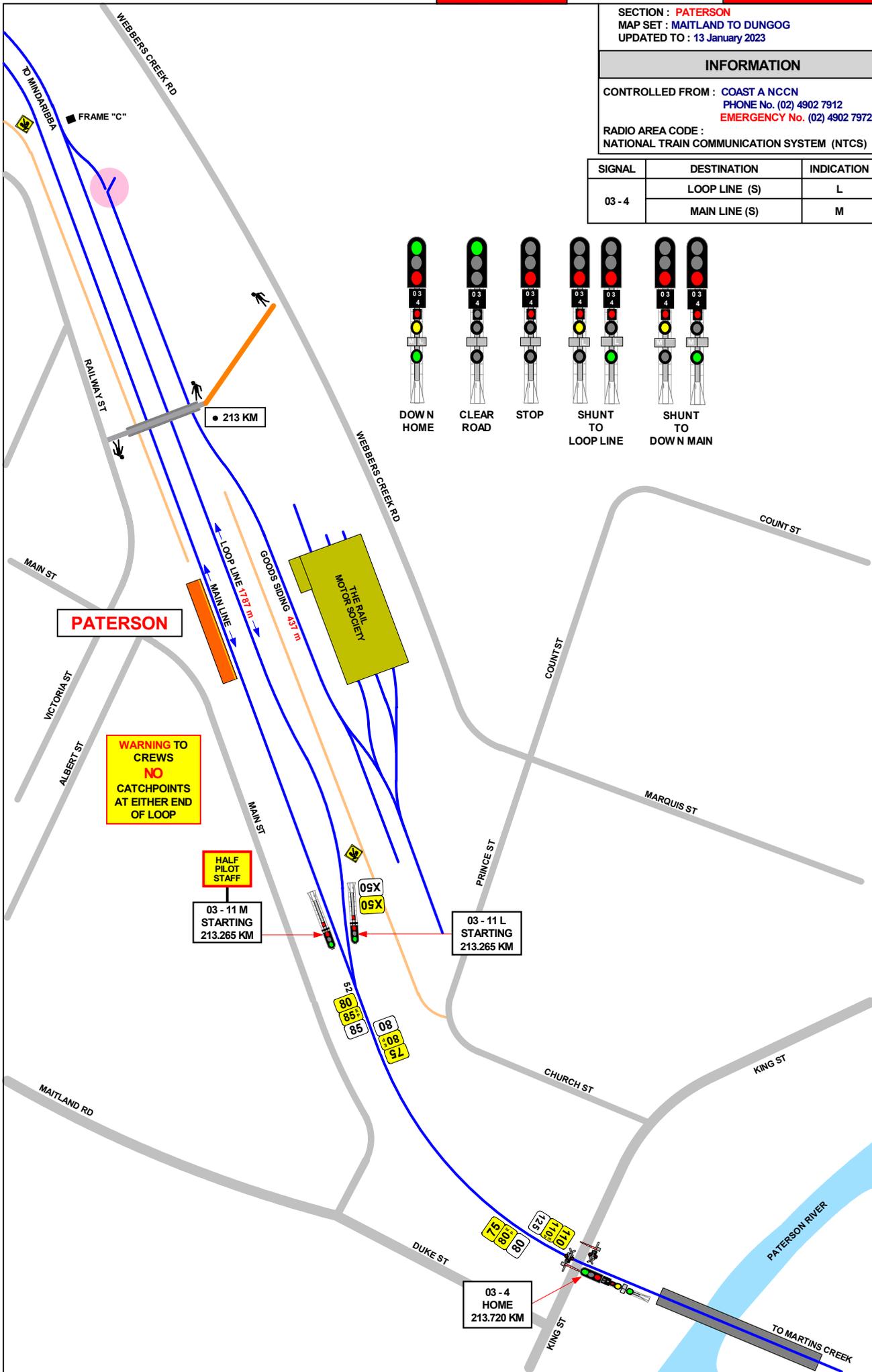
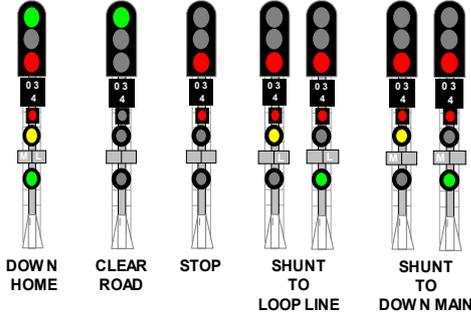
SECTION : PATERSON
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

GRADIENT

INFORMATION

CONTROLLED FROM : COAST A NCCN
PHONE No. (02) 4902 7912
EMERGENCY No. (02) 4902 7972
RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
03 - 4	LOOP LINE (S)	L
	MAIN LINE (S)	M



WARNING TO CREWS
NO CATCHPOINTS AT EITHER END OF LOOP

HALF PILOT STAFF

03 - 11 M STARTING 213.265 KM

03 - 11 L STARTING 213.265 KM

03 - 4 HOME 213.720 KM

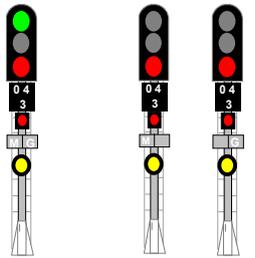
SECTION : MARTINS CREEK to KILBRIDE
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

INFORMATION

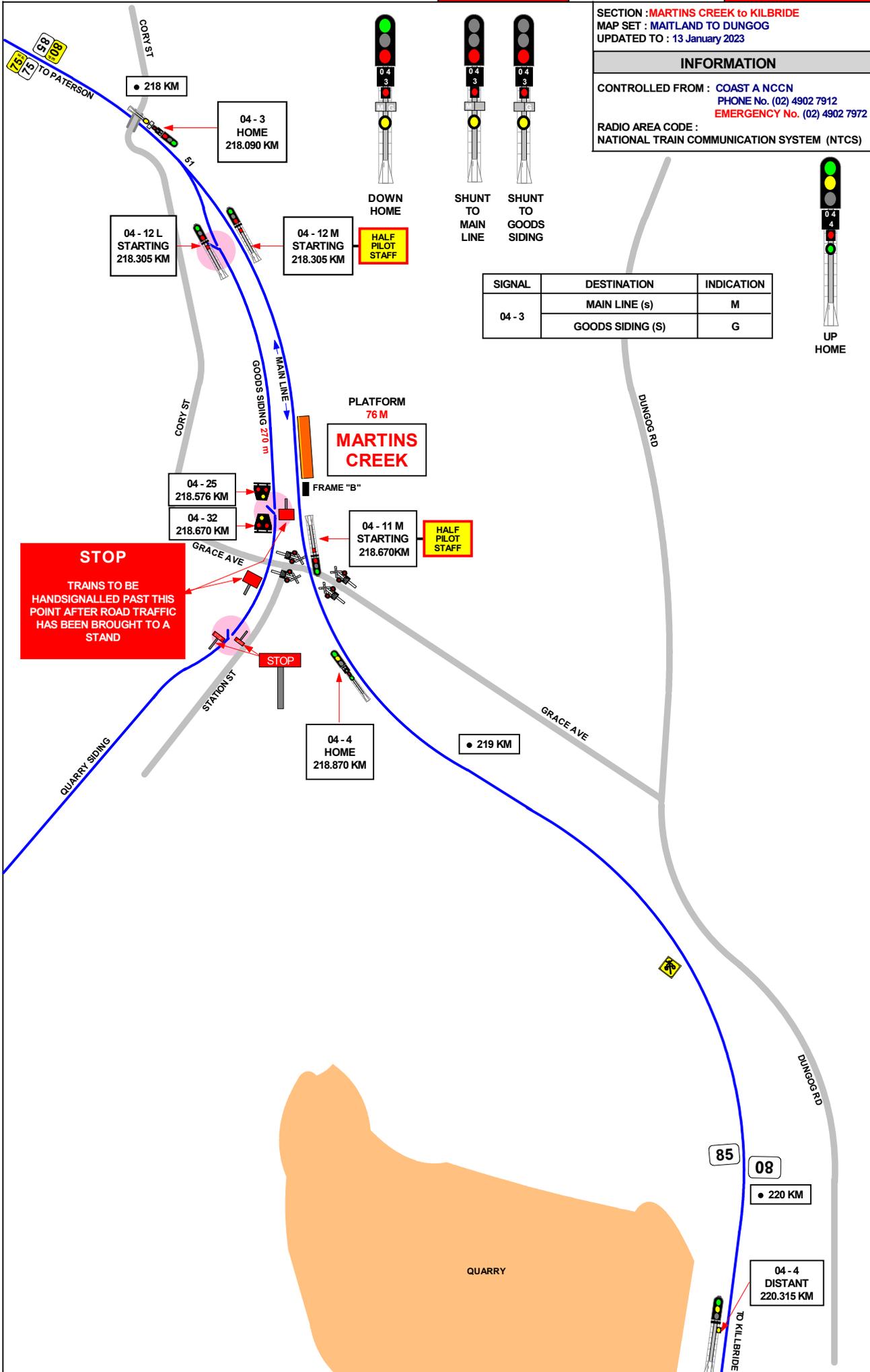
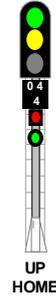
CONTROLLED FROM : COAST A NCCN
PHONE No. (02) 4902 7912
EMERGENCY No. (02) 4902 7972
RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

GRADIENT

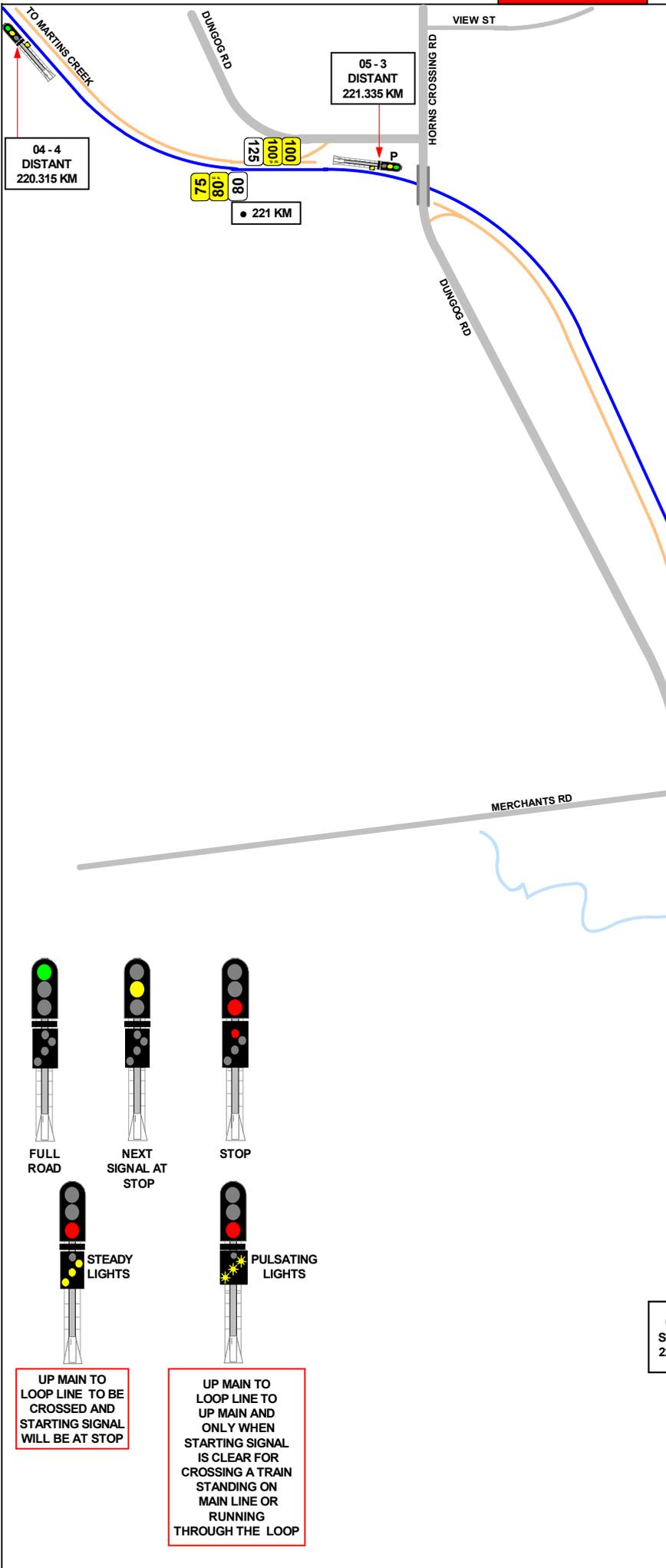
1 IN 80
1 IN 80
E
1 IN 80
1 IN 137
1 IN 94



SIGNAL	DESTINATION	INDICATION
04 - 3	MAIN LINE (s)	M
	GOODS SIDING (S)	G



STOP
TRAINS TO BE
HANDSIGNALLED PAST THIS
POINT AFTER ROAD TRAFFIC
HAS BEEN BROUGHT TO A
STAND



SECTION : MARTINS CREEK to KILBRIDE
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

INFORMATION

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 PHONE No. (02) 4902 7912
 EMERGENCY No. (02) 4902 7972

RADIO AREA CODE :
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
05 - 3	MAIN LINE (M)	----
	LOOP LINE (S)	●● OR ●●●



DOWN HOME

GRADIENT

1 IN 94

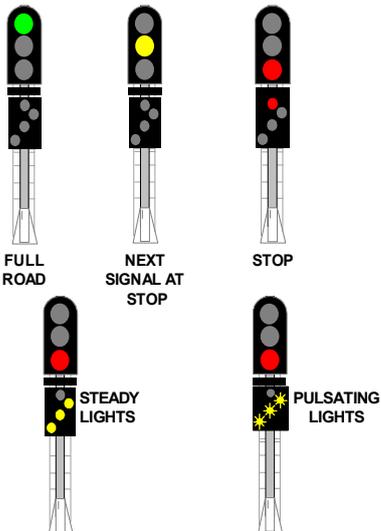
E

1 IN 264

1 IN 80

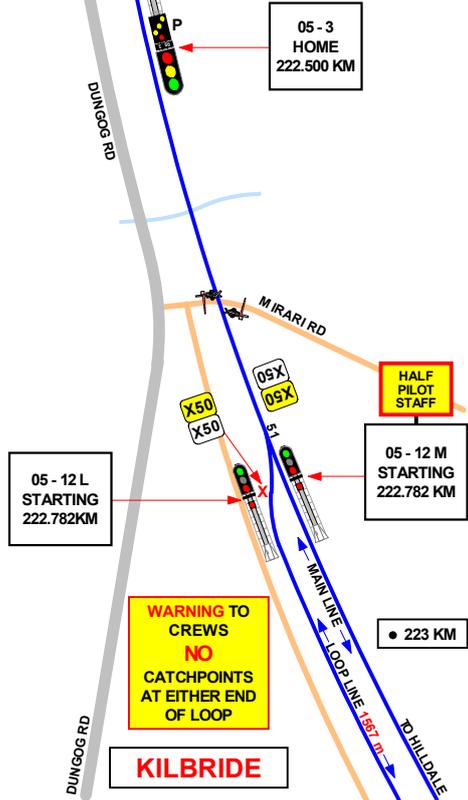
LEVEL

1 IN 88



UP MAIN TO LOOP LINE TO BE CROSSED AND STARTING SIGNAL WILL BE AT STOP

UP MAIN TO LOOP LINE TO UP MAIN AND ONLY WHEN STARTING SIGNAL IS CLEAR FOR CROSSING A TRAIN STANDING ON MAIN LINE OR RUNNING THROUGH THE LOOP



SECTION : KILBRIDE TO HILLDALE
MAP SET : MAITLAND TO DUNGO
UPDATED TO : 13 January 2023

GRADIENT

INFORMATION

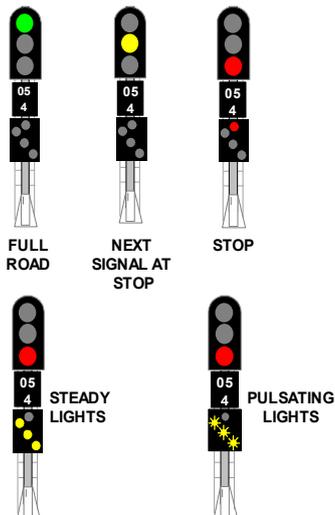
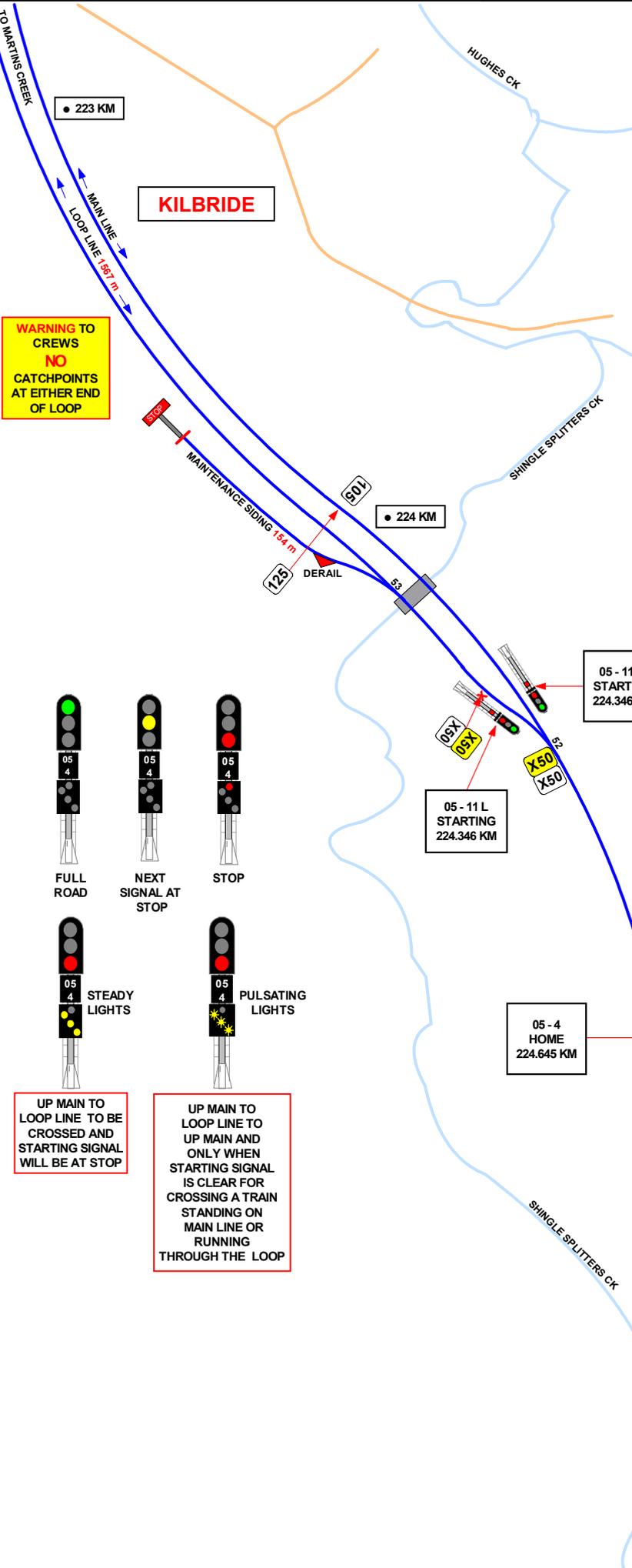
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EMERGENCY No. (02) 4902 7972
RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
05 - 4	MAIN LINE (M)	----
	LOOP LINE (S)	●● OR ●●●



WARNING TO CREWS
NO CATCHPOINTS AT EITHER END OF LOOP

KILBRIDE



UP MAIN TO LOOP LINE TO BE CROSSED AND STARTING SIGNAL WILL BE AT STOP

UP MAIN TO LOOP LINE TO UP MAIN AND ONLY WHEN STARTING SIGNAL IS CLEAR FOR CROSSING A TRAIN STANDING ON MAIN LINE OR RUNNING THROUGH THE LOOP



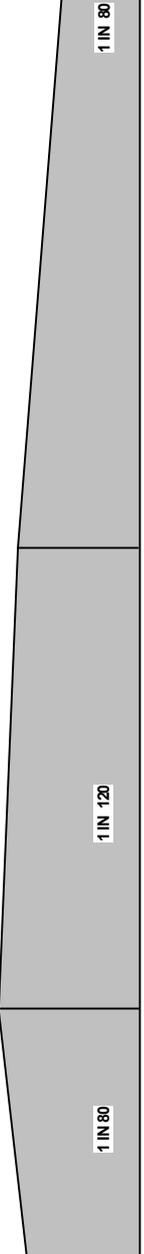
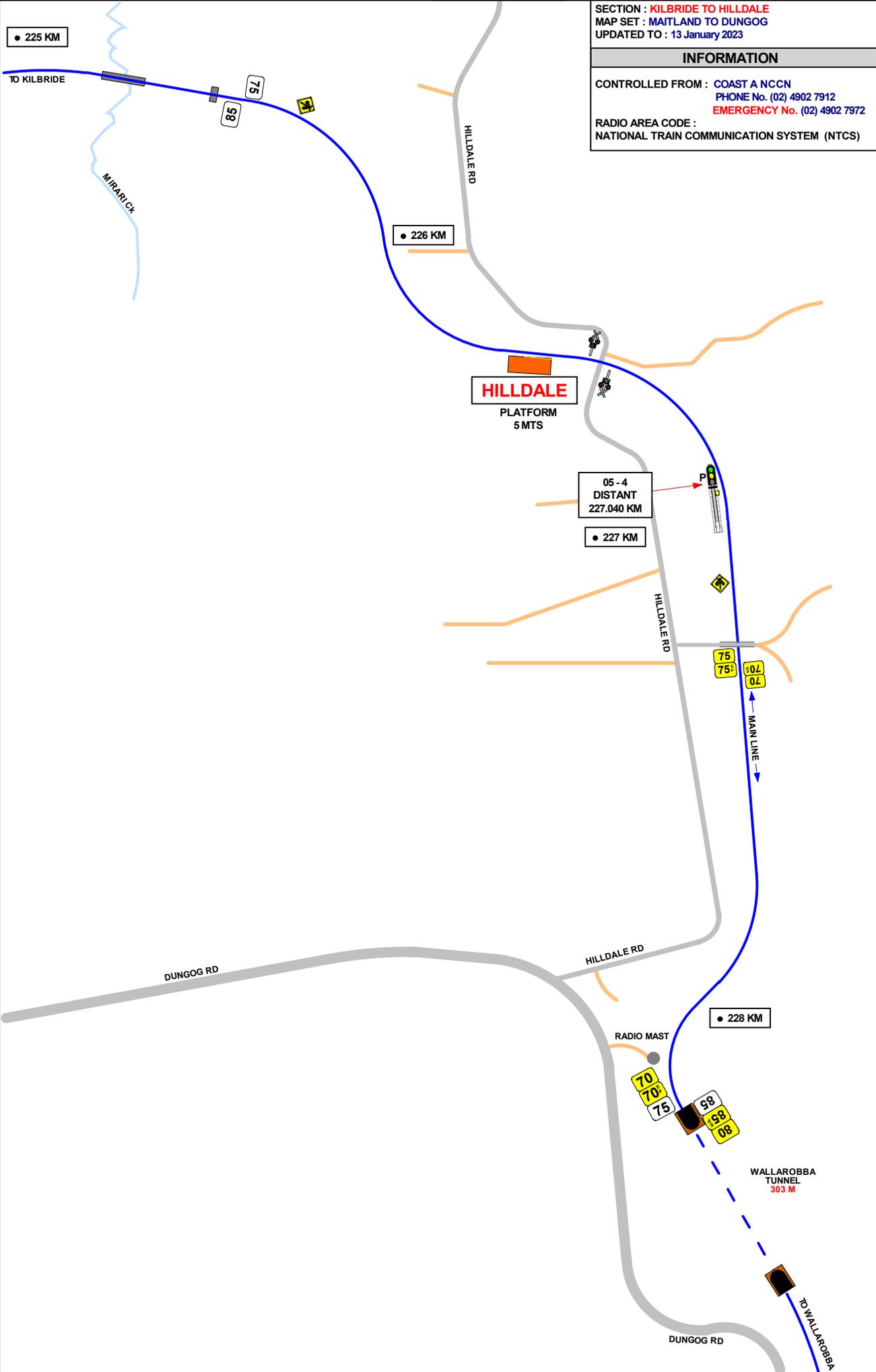
SECTION : KILBRIDE TO HILLDALE
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

INFORMATION

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EMERGENCY No. (02) 4902 7972

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GRADIENT



SECTION : HILLDALE TO WALLAROBBA
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

GRADIENT

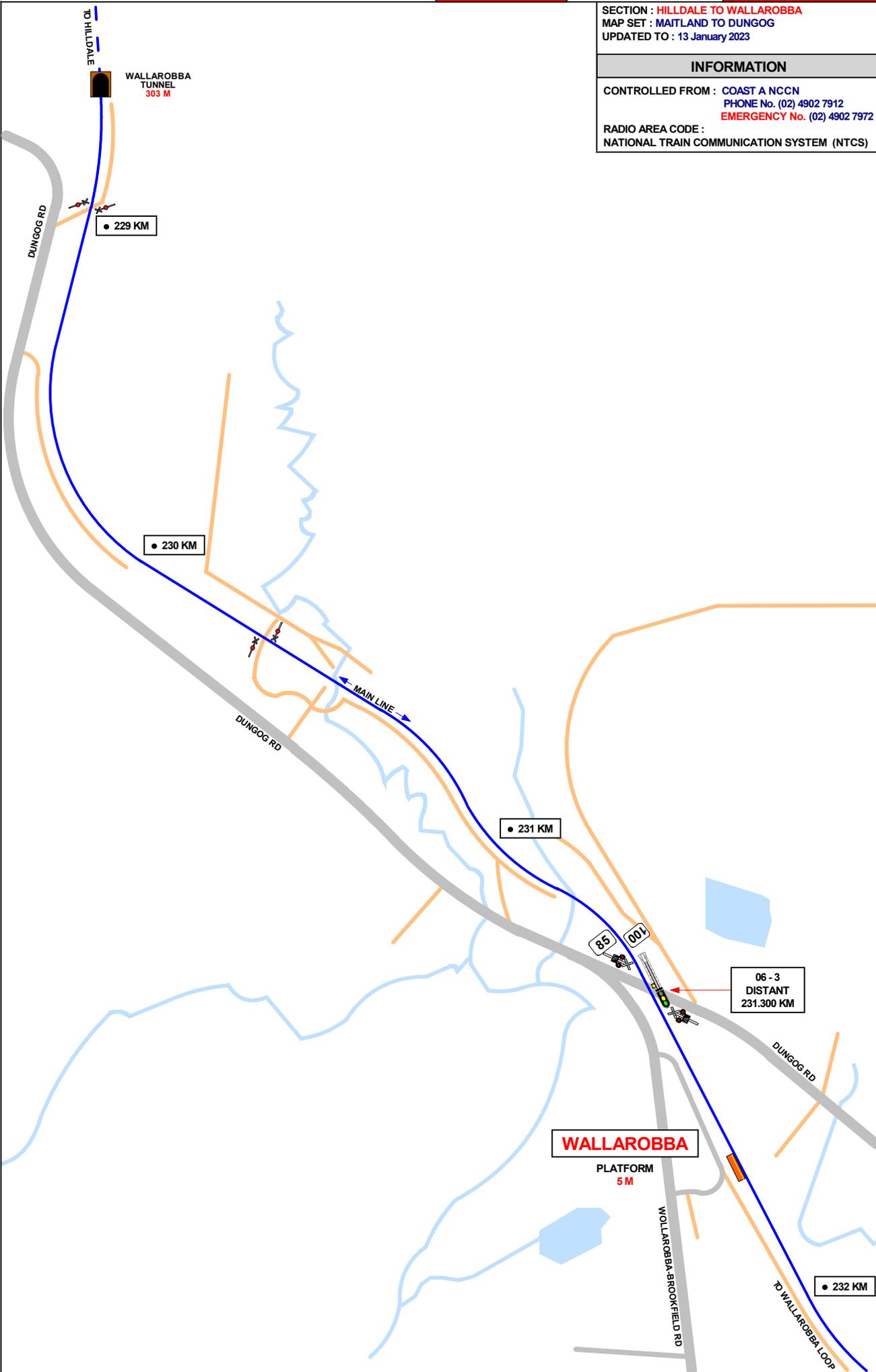
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1 IN 80

1 IN 300

LEVEL

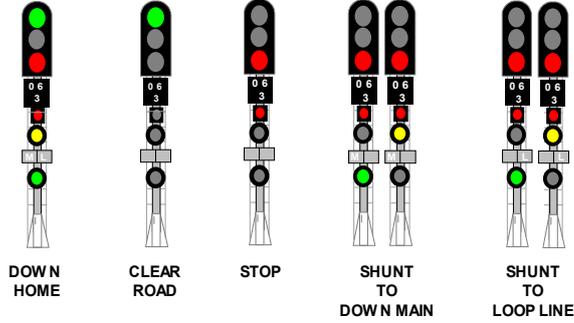


SECTION : WALLAROBBA
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

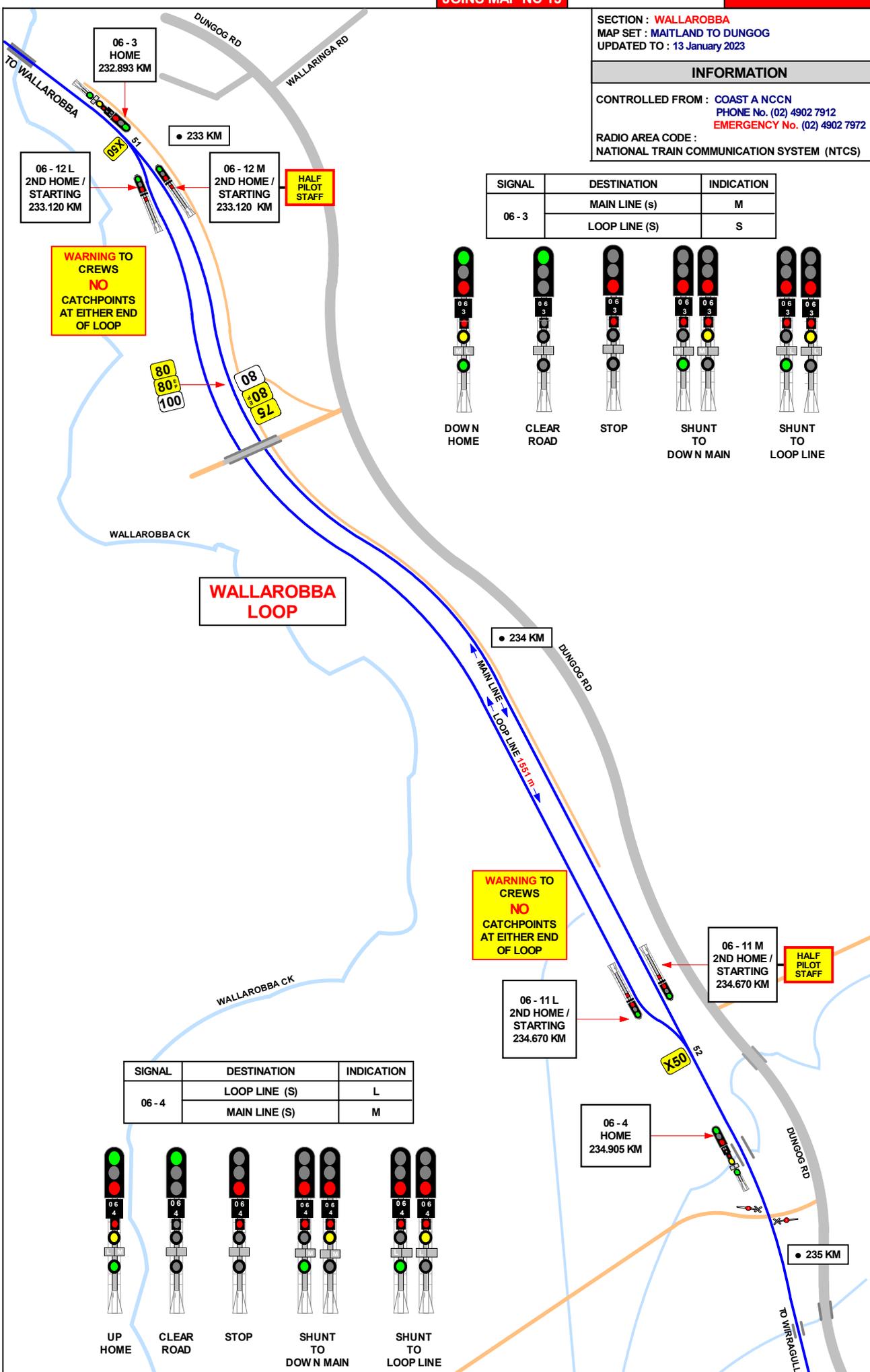
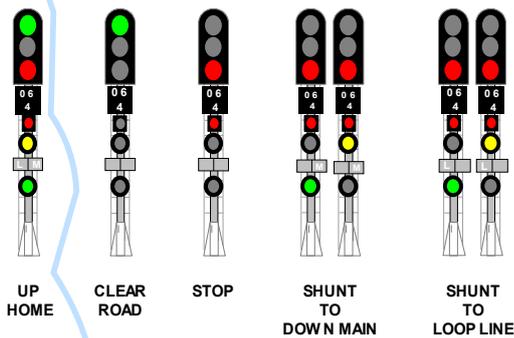
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SIGNAL	DESTINATION	INDICATION
06 - 3	MAIN LINE (S)	M
	LOOP LINE (S)	S



SIGNAL	DESTINATION	INDICATION
06 - 4	LOOP LINE (S)	L
	MAIN LINE (S)	M



GRADIENT

1 IN 110

1 IN 98

LEVEL

1 IN 80

LEVEL

SECTION : WALLAROBBA TO WIRRAGULLA
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

GRADIENT

INFORMATION

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EMERGENCY No. (02) 4902 7972

RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

1 IN 80

LEVEL

1 IN 90

1 IN 150



SECTION : WIRRAGULLA TO DUNGOG
MAP SET : MATTLAND TO DUNGOG
UPDATED TO : 13 January 2023

INFORMATION

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EMERGENCY No. (02) 4902 7972
RADIO AREA CODE :
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

GRADIENT

1 IN 80

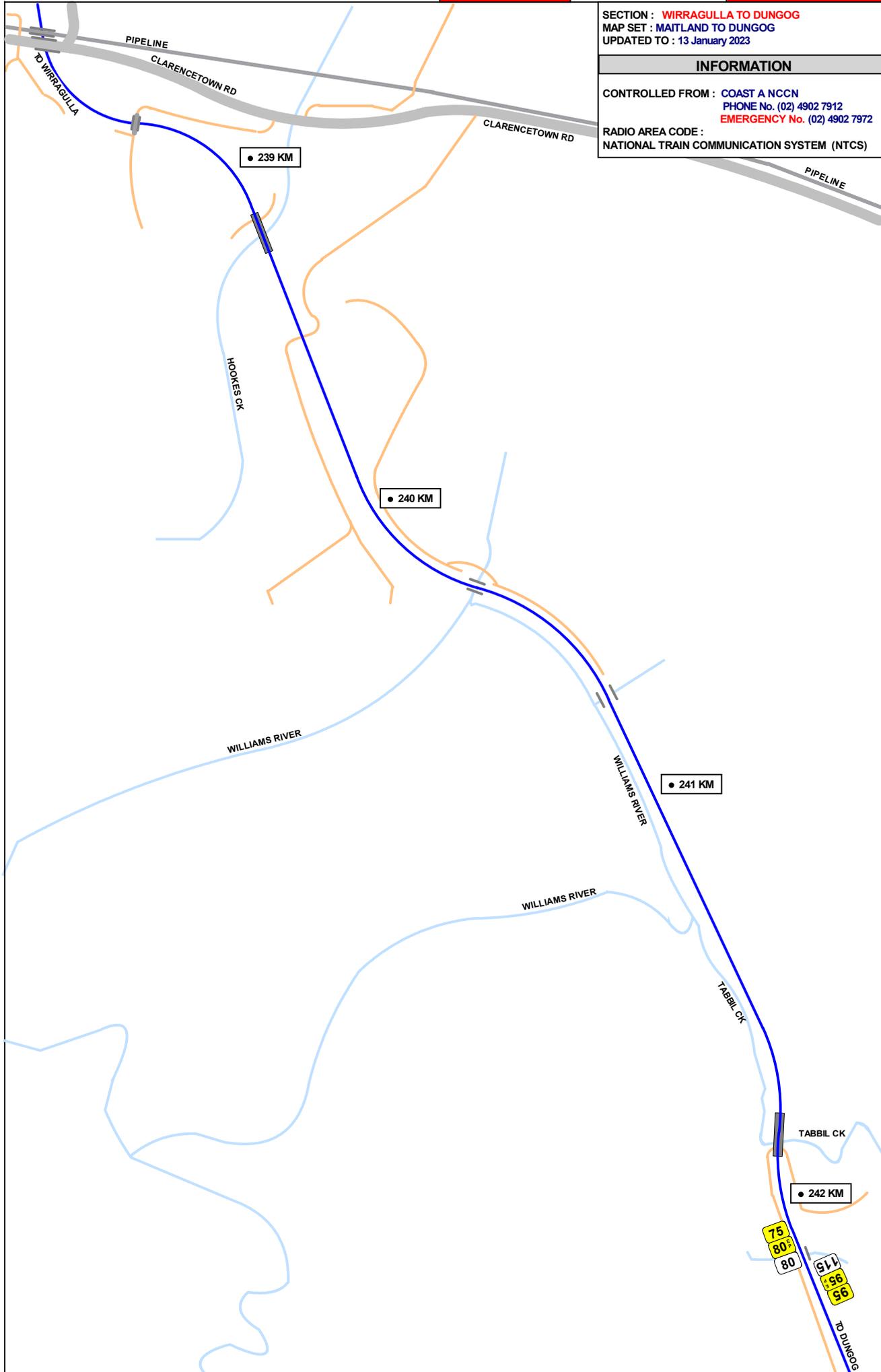
LEVEL

1 IN 110

1 IN 100

E

1 IN 1100



SECTION : WIRRAGULLA TO DUNGOG
 MAP SET : MAITLAND TO DUNGOG
 UPDATED TO : 13 January 2023

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GRADIENT

LEVEL

1 IN 80

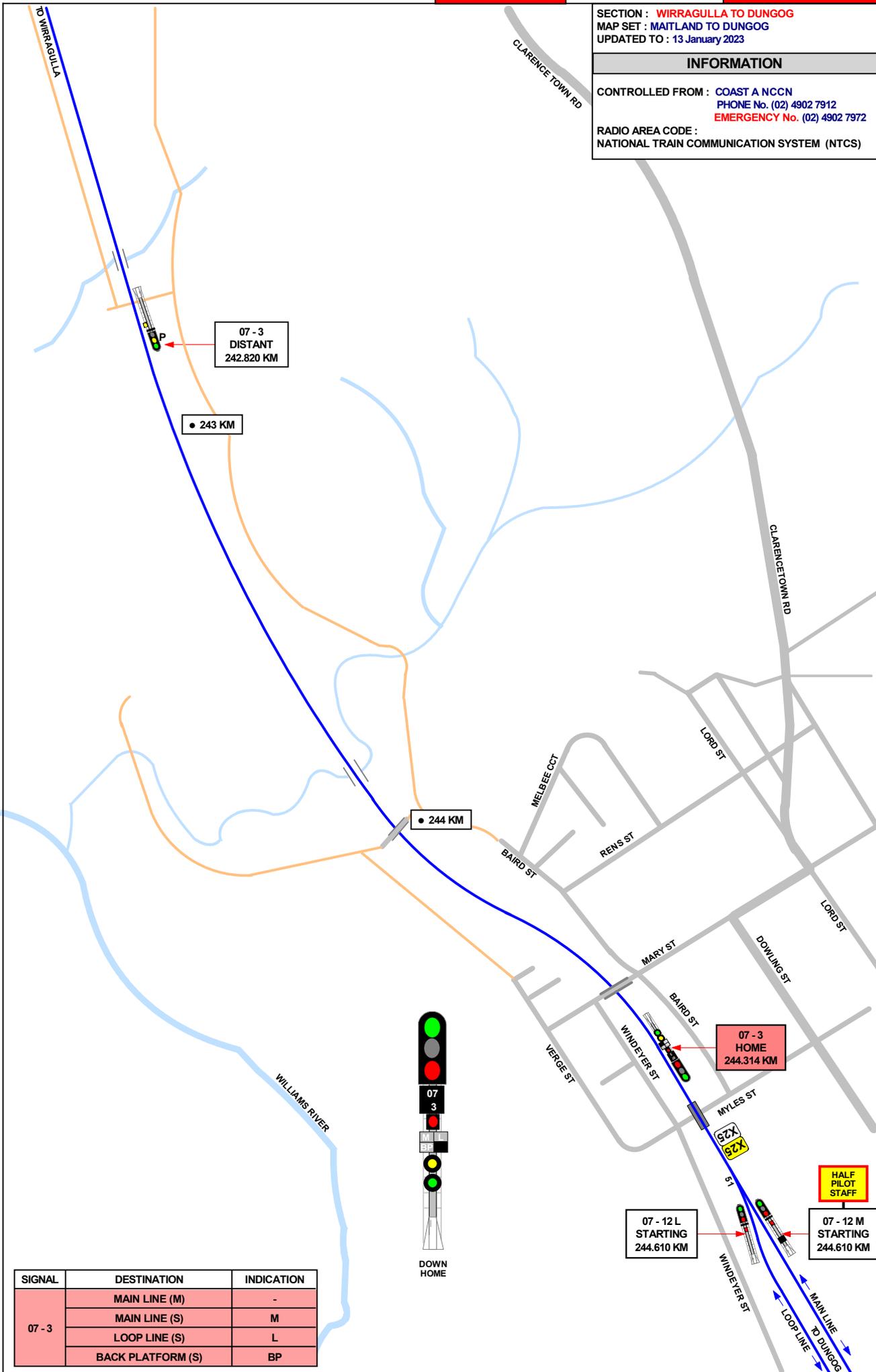
1 IN 330

1 IN 88

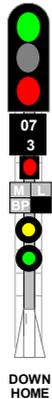
E

1 IN 116

1 IN 264



SIGNAL	DESTINATION	INDICATION
07 - 3	MAIN LINE (M)	-
	MAIN LINE (S)	M
	LOOP LINE (S)	L
	BACK PLATFORM (S)	BP



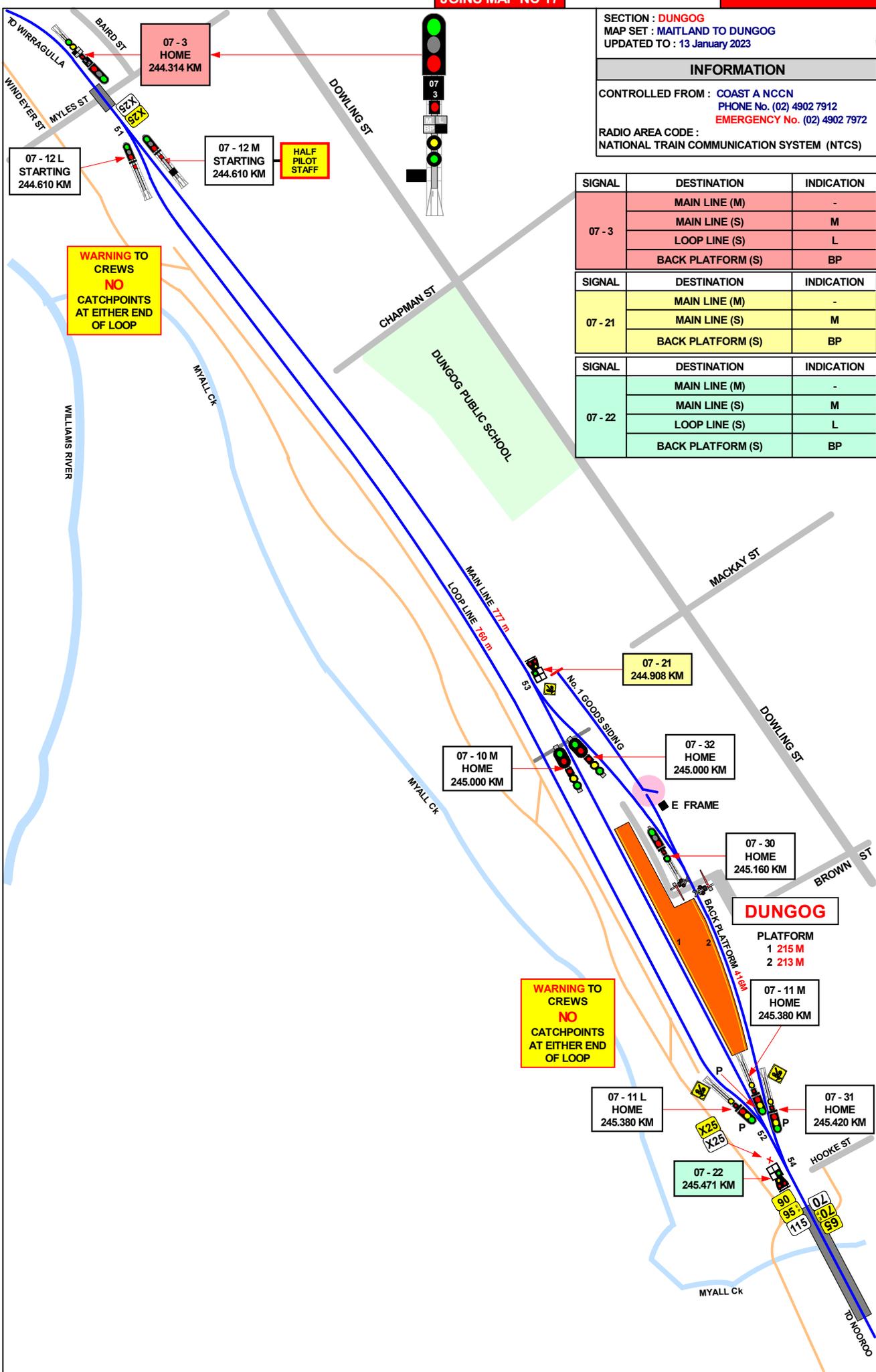
GRADIENT

SECTION : DUNGOG
MAP SET : MAITLAND TO DUNGOG
UPDATED TO : 13 January 2023

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SIGNAL	DESTINATION	INDICATION
07 - 3	MAIN LINE (M)	-
	MAIN LINE (S)	M
	LOOP LINE (S)	L
	BACK PLATFORM (S)	BP
07 - 21	MAIN LINE (M)	-
	MAIN LINE (S)	M
	BACK PLATFORM (S)	BP
07 - 22	MAIN LINE (M)	-
	MAIN LINE (S)	M
	LOOP LINE (S)	L
	BACK PLATFORM (S)	BP



1 IN 264