

TRAIN NUMBERING

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1. Train Numbering

ARTC owns and issues train numbers for the ARTC Network.

1.1. Freight and Passenger (Defined Interstate Rail Network)

Character	Description
NNNN	<p>First character – The day of the week on which the train departs</p> <p>1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday</p>
NAAN	<p>Second character – The city, location or region in which the train commenced</p> <p>A = Adelaide B = Brisbane C = Junee/Cootamundra/Griffith D = Darwin F = Mudgee/Dubbo/Cowra G = Parkes H = Hunter Valley J = Victoria North East K = Victoria North West L = Alice Springs M = Melbourne N = Newcastle O = Fisherman Islands P = Perth Q = Moree R = Port Pirie S = Sydney T = Taree – Murwillumbah V = Goulburn/Moss Vale/Canberra W = NSW South Coast X = Spencer Jct./Port Augusta Y = Whyalla</p>
NAAN	<p>Third character – The city, location or region in which the train will finish its journey</p> <p>A = Adelaide B = Brisbane C = Junee/Cootamundra/Griffith D = Darwin F = Mudgee/Dubbo/Cowra G = Parkes H = Hunter Valley J = Victoria North East K = Victoria North West L = Alice Springs M = Melbourne N = Newcastle O = Fisherman Islands P = Perth Q = Moree R = Port Pirie S = Sydney T = Taree – Murwillumbah V = Goulburn/Moss Vale/Canberra W = NSW South Coast X = Spencer Jct./Port Augusta Y = Whyalla</p>
NAAN	<p>Fourth character – General guide to the sequential order of departure from the originating station</p> <p>0-9</p> <p>Note: The numeral eight shall be used for passenger services only.</p>

1.2. Coal (Hunter Valley Network New South Wales)

Character	Description																																														
AANNN	First and second characters – Load/unload point describers																																														
	<table> <tr> <td>AH = Ashton</td> <td>MR = Moolarben</td> </tr> <tr> <td>AS = Astar</td> <td>MT = Mt Thorley Bin 2</td> </tr> <tr> <td>AT = Mac Generation Antiene</td> <td>MW = Warkworth Bin 2</td> </tr> <tr> <td>BC = Bulga Coal</td> <td>NA = Donaldson/Bloomfield (Southern)</td> </tr> <tr> <td>BF = Bloomfield</td> <td>NB = Narrabri</td> </tr> <tr> <td>BG = Bengalla</td> <td>ND = Newdell</td> </tr> <tr> <td>BO = Boggabri Coal Loading Loop</td> <td>NM = Macquarie Generation</td> </tr> <tr> <td>BW = Mt Arthur</td> <td>NW = Newstan</td> </tr> <tr> <td>CW = Camberwell</td> <td>PW = Port Waratah</td> </tr> <tr> <td>DK = Dartbrook</td> <td>RB = Muswellbrook</td> </tr> <tr> <td>DR = Drayton</td> <td>RC = Rixs Creek</td> </tr> <tr> <td>DS = Donaldson/Bloomfield</td> <td>RV = Ravensworth</td> </tr> <tr> <td>DU = Duralie</td> <td>SF = Stratford</td> </tr> <tr> <td>ER = Eraring</td> <td>TB = Teralba</td> </tr> <tr> <td>GD = Gunnedah</td> <td>UL = Ulan</td> </tr> <tr> <td>HV = Hunter Valley</td> <td>VP = Vales Point</td> </tr> <tr> <td>JU = Wambo/United</td> <td>WC = Werris Creek</td> </tr> <tr> <td>JW = Wambo/Jerry Plains</td> <td>WG = Wilpinjong</td> </tr> <tr> <td>LD = Liddell</td> <td>WH = Whitehaven</td> </tr> <tr> <td>MB = Maules Creek</td> <td>WK = Warkworth Bin 1</td> </tr> <tr> <td>MN = Mangoola</td> <td>WS = Walsh Point</td> </tr> <tr> <td>MO = Mt Owen</td> <td></td> </tr> <tr> <td>MP = Mt Pleasant</td> <td></td> </tr> </table>	AH = Ashton	MR = Moolarben	AS = Astar	MT = Mt Thorley Bin 2	AT = Mac Generation Antiene	MW = Warkworth Bin 2	BC = Bulga Coal	NA = Donaldson/Bloomfield (Southern)	BF = Bloomfield	NB = Narrabri	BG = Bengalla	ND = Newdell	BO = Boggabri Coal Loading Loop	NM = Macquarie Generation	BW = Mt Arthur	NW = Newstan	CW = Camberwell	PW = Port Waratah	DK = Dartbrook	RB = Muswellbrook	DR = Drayton	RC = Rixs Creek	DS = Donaldson/Bloomfield	RV = Ravensworth	DU = Duralie	SF = Stratford	ER = Eraring	TB = Teralba	GD = Gunnedah	UL = Ulan	HV = Hunter Valley	VP = Vales Point	JU = Wambo/United	WC = Werris Creek	JW = Wambo/Jerry Plains	WG = Wilpinjong	LD = Liddell	WH = Whitehaven	MB = Maules Creek	WK = Warkworth Bin 1	MN = Mangoola	WS = Walsh Point	MO = Mt Owen		MP = Mt Pleasant	
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Character	Description
AANN	<p>Fifth character – Loaded status Odd numbers = Empty train Even numbers = Loaded coal train</p>

1.3. Coal (South and West New South Wales)

(Also applies to Services operating between Inner Harbour and Hunter)

Character	Description														
AANN	<p>First and second characters – Coal loading point</p> <table> <tr> <td>AR = Airly</td> <td>LS = Lidsdale</td> </tr> <tr> <td>BB = Baal Bone</td> <td>LG = Lithgow</td> </tr> <tr> <td>CA = Clarence</td> <td>MC = Metropolitan Colliery</td> </tr> <tr> <td>CB = Charbon</td> <td>TM = Tahmoor Colliery</td> </tr> <tr> <td>CC = Coal Cliff</td> <td>TL = Thirroul</td> </tr> <tr> <td>CG = Cringilla BHP</td> <td>WW = Wallerawang</td> </tr> <tr> <td>IH = Inner Harbour</td> <td></td> </tr> </table>	AR = Airly	LS = Lidsdale	BB = Baal Bone	LG = Lithgow	CA = Clarence	MC = Metropolitan Colliery	CB = Charbon	TM = Tahmoor Colliery	CC = Coal Cliff	TL = Thirroul	CG = Cringilla BHP	WW = Wallerawang	IH = Inner Harbour	
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AANN	<p>Third and fourth characters – Sequential order of daily departure from the originating location</p> <table border="1"> <tr> <td>From 0001 to 0600</td> <td>Train numbers between 00 and 25</td> </tr> <tr> <td>From 0601 to 1200</td> <td>Train numbers between 26 and 50</td> </tr> <tr> <td>From 1201 to 1800</td> <td>Train numbers between 51 and 75</td> </tr> <tr> <td>From 1801 to 2400</td> <td>Train numbers between 76 and 99</td> </tr> </table>	From 0001 to 0600	Train numbers between 00 and 25	From 0601 to 1200	Train numbers between 26 and 50	From 1201 to 1800	Train numbers between 51 and 75	From 1801 to 2400	Train numbers between 76 and 99						
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AANN	<p>Fourth character – Loaded status Odd numbers = Empty train Even numbers = Loaded coal train</p>														

1.4. Intrastate Network

1.4.1. New South Wales Intrastate Trains

Character	Description
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Character	Description										
NNNNA	<p>First character – The district in which the train commenced Refer to Figure 2.1 – ARTC train numbering district map.</p> <table> <tr> <td>1 = Sydney (Refer to ST)</td> <td>6 = Grafton</td> </tr> <tr> <td>2 = Goulburn</td> <td>7 = Lithgow – Merrygoen</td> </tr> <tr> <td>3 = Junee</td> <td>8 = Orange</td> </tr> <tr> <td>4 = Newcastle (Refer to ST)</td> <td>9 = Illawarra</td> </tr> <tr> <td>5 = Werris Creek</td> <td></td> </tr> </table>	1 = Sydney (Refer to ST)	6 = Grafton	2 = Goulburn	7 = Lithgow – Merrygoen	3 = Junee	8 = Orange	4 = Newcastle (Refer to ST)	9 = Illawarra	5 = Werris Creek	
1 = Sydney (Refer to ST)	6 = Grafton										
2 = Goulburn	7 = Lithgow – Merrygoen										
3 = Junee	8 = Orange										
4 = Newcastle (Refer to ST)	9 = Illawarra										
5 = Werris Creek											
NNNNA	<p>Second character – The district in which the train will finish its journey Refer to Figure 2.1 – ARTC train numbering district map.</p> <table> <tr> <td>1 = Sydney (Refer to ST)</td> <td>6 = Grafton</td> </tr> <tr> <td>2 = Goulburn</td> <td>7 = Lithgow – Merrygoen</td> </tr> <tr> <td>3 = Junee</td> <td>8 = Orange</td> </tr> <tr> <td>4 = Newcastle (Refer to ST)</td> <td>9 = Illawarra</td> </tr> <tr> <td>5 = Werris Creek</td> <td></td> </tr> </table>	1 = Sydney (Refer to ST)	6 = Grafton	2 = Goulburn	7 = Lithgow – Merrygoen	3 = Junee	8 = Orange	4 = Newcastle (Refer to ST)	9 = Illawarra	5 = Werris Creek	
1 = Sydney (Refer to ST)	6 = Grafton										
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5 = Werris Creek											
NNNNA	<p>Third character – Any odd or even number not already used Note: The third character may be aligned with the Operator code assigned by Sydney Trains for trains entering the Sydney Trains area.</p>										
NNNNA	<p>Fourth character Odd numbers = Down trains, away from Sydney Even numbers = Up trains, towards Sydney</p>										
NNNNA	<p>Fifth character N = Operating within New South Wales</p>										

1.4.2. Trip Trains New South Wales

For Trip Train Numbering Allocations please refer to Sydney Trains Numbering Principles.

1.4.3. Victorian Intrastate Trains

Character	Description								
NNNNA	<p>First character – The district in which the train commenced Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1-4</td> <td>Not ARTC Network</td> </tr> <tr> <td>5</td> <td>Metropolitan broad gauge</td> </tr> <tr> <td>6</td> <td>Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)</td> </tr> <tr> <td>7</td> <td>Allocated to Western (standard gauge) (Melbourne – Wolseley,</td> </tr> </table>	1-4	Not ARTC Network	5	Metropolitan broad gauge	6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)	7	Allocated to Western (standard gauge) (Melbourne – Wolseley,
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Character	Description										
	<table border="1"> <tr> <td></td> <td>Maroona – Portland)</td> </tr> <tr> <td>9</td> <td>Metropolitan standard gauge</td> </tr> </table>		Maroona – Portland)	9	Metropolitan standard gauge						
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NNNNA	<p>Second character – The district in which the train will finish its journey Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1-4</td> <td>Not ARTC Network</td> </tr> <tr> <td>5</td> <td>Metropolitan broad gauge</td> </tr> <tr> <td>6</td> <td>Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)</td> </tr> <tr> <td>7</td> <td>Allocated to Western (standard gauge) (Melbourne – Wolsley, Maroona – Portland)</td> </tr> <tr> <td>9</td> <td>Metropolitan standard gauge</td> </tr> </table>	1-4	Not ARTC Network	5	Metropolitan broad gauge	6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)	7	Allocated to Western (standard gauge) (Melbourne – Wolsley, Maroona – Portland)	9	Metropolitan standard gauge
1-4	Not ARTC Network										
5	Metropolitan broad gauge										
6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)										
7	Allocated to Western (standard gauge) (Melbourne – Wolsley, Maroona – Portland)										
9	Metropolitan standard gauge										
NNNNA	Third character – Any odd or even number not already used										
NNNNA	<p>Fourth character Odd numbers = Down trains, away from Melbourne Even numbers = Up trains, towards Melbourne</p>										
NNNNA	<p>Fifth character V = Operating within Victoria</p>										

1.4.4. South Australia Intrastate Trains

Character	Description																
NNNNA	<p>First character – The district in which the train commenced Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1</td> <td>Dry Creek to Keswick, Pelican Point</td> </tr> <tr> <td>2</td> <td>Beyond Keswick to SA border with Victoria</td> </tr> <tr> <td>3</td> <td>All branch lines south of the Broken Hill line</td> </tr> <tr> <td>4</td> <td>Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction</td> </tr> <tr> <td>5</td> <td>Crystal Brook East Junction to Broken Hill</td> </tr> <tr> <td>6</td> <td>Beyond Spencer Junction to Whyalla</td> </tr> <tr> <td>7</td> <td>All branch lines north of the Broken Hill line and east of the Darwin line</td> </tr> <tr> <td>8</td> <td>Beyond Spencer Junction to SA border on line to Perth</td> </tr> </table>	1	Dry Creek to Keswick, Pelican Point	2	Beyond Keswick to SA border with Victoria	3	All branch lines south of the Broken Hill line	4	Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction	5	Crystal Brook East Junction to Broken Hill	6	Beyond Spencer Junction to Whyalla	7	All branch lines north of the Broken Hill line and east of the Darwin line	8	Beyond Spencer Junction to SA border on line to Perth
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Character	Description																		
	<table border="1"> <tr> <td>9</td> <td>Beyond Tarcoola to SA border on line to Darwin</td> </tr> </table>	9	Beyond Tarcoola to SA border on line to Darwin																
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NNNNA	<p>Second character – District in which the train will finish its journey Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1</td> <td>Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)</td> </tr> <tr> <td>2</td> <td>Beyond Keswick to SA border with Victoria</td> </tr> <tr> <td>3</td> <td>All branch lines south of the Broken Hill line</td> </tr> <tr> <td>4</td> <td>Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction</td> </tr> <tr> <td>5</td> <td>Crystal Brook East Junction to Broken Hill</td> </tr> <tr> <td>6</td> <td>Beyond Spencer Junction to Whyalla</td> </tr> <tr> <td>7</td> <td>All branch lines north of the Broken Hill line and east of the Darwin line</td> </tr> <tr> <td>8</td> <td>Beyond Spencer Junction to SA border on line to Perth</td> </tr> <tr> <td>9</td> <td>Beyond Tarcoola to SA border on line to Darwin</td> </tr> </table>	1	Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)	2	Beyond Keswick to SA border with Victoria	3	All branch lines south of the Broken Hill line	4	Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction	5	Crystal Brook East Junction to Broken Hill	6	Beyond Spencer Junction to Whyalla	7	All branch lines north of the Broken Hill line and east of the Darwin line	8	Beyond Spencer Junction to SA border on line to Perth	9	Beyond Tarcoola to SA border on line to Darwin
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NNNNA	Third character – Any odd or even number not already used																		
NNNNA	<p>Fourth character Odd numbers = Down trains, away from Adelaide Even numbers = Up trains, towards Adelaide</p>																		
NNNNA	<p>Fifth character S = Operating within South Australia</p>																		

1.5. Passenger Trains

Note: For CityRail services, refer to Sydney Trains.

Character	Description				
AANN	<p>First character – Direction</p> <table> <tr> <td>S = South</td> <td>N = North</td> </tr> <tr> <td>W = West</td> <td>C = Illawarra</td> </tr> </table>	S = South	N = North	W = West	C = Illawarra
S = South	N = North				
W = West	C = Illawarra				
AANN	<p>Second character – Train type or motive power</p> <ul style="list-style-type: none"> -L-- = Trains hauled by diesel locomotives -N-- = Endeavour trains -P-- = Explorer trains -R-- = Diesel multiple unit trains and rail motors -S-- = Trains hauled by steam locomotives (special working) 				

Character	Description
	-T-- = XPT trains
AANN	<p>Third character – Trains operating between the areas of:</p> <p>South S-1 – ST Network and Goulburn S-2 – ST Network and south of Goulburn S-3 – ST Network and Canberra S-4 – Branches south of Goulburn</p> <p>West W-1 – ST Network and Orange W-2 – ST Network and Dubbo/Cobar W-3 – ST Network and Parkes W-4 – ST Network and Broken Hill</p> <p>North N-1 – Used by ST N-2 – ST Network and Armidale N-3 – ST Network and North Coast Branches N-4 – ST Network and Moree</p> <p>Illawarra C-1 – Used by ST C-2 – Used by ST C-3 – Used by ST</p> <p>Suburban area (bounded by Berowra, Emu Plains, Macarthur and Helensburg) Refer to ST</p>
AANN	<p>Fourth character Odd numbers = Down train, Even numbers = Up train</p>

1.6. Light Locomotives

A light locomotive can either run alone, or in association with a particular train.

1.6.1. New South Wales Light Locomotives

Character	Description
ADDDA	<p>First character – Locomotive type D = Locomotive</p>
ADDDA	<p>Second character – The district from which the locomotive originated or in which it runs Refer to Figure 2.1 – ARTC train numbering district map.</p> <p>1 = Sydney (Refer to ST) 6 = Grafton</p>

ROUTE ACCESS STANDARD – General Information

Character	Description
	2 = Goulburn 3 = Junee 4 = Newcastle (Refer to ST) 5 = Werris Creek 7 = Lithgow – Merrygoen 8 = Orange 9 = Illawarra
ADDDA	Third character – Any odd or even number not already used Note: The third character may be aligned with the Operator code assigned by Sydney Trains for trains entering the Sydney Trains Network.
ADDDA	Fourth character Odd numbers = Down trains, away from Sydney Even numbers = Up trains, towards Sydney
ADDDA	Fifth character N = Operating within New South Wales

1.6.2. Victoria Light Locomotives

Character	Description										
ADDDA	<p>First character – Locomotive type D = Locomotive</p>										
ADDDA	<p>Second character – Identifies the district from which the locomotive originated or in which it runs Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tbody> <tr> <td>1-4</td> <td>Not ARTC Network</td> </tr> <tr> <td>5</td> <td>Metropolitan broad gauge</td> </tr> <tr> <td>6</td> <td>Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)</td> </tr> <tr> <td>7</td> <td>Allocated to Western (standard gauge) (Melbourne – Wolseley, Maroona – Portland)</td> </tr> <tr> <td>9</td> <td>Metropolitan standard gauge</td> </tr> </tbody> </table>	1-4	Not ARTC Network	5	Metropolitan broad gauge	6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)	7	Allocated to Western (standard gauge) (Melbourne – Wolseley, Maroona – Portland)	9	Metropolitan standard gauge
1-4	Not ARTC Network										
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ADDDA	<p>Third character – Any odd or even number not already used</p>										
ADDDA	<p>Fourth character Odd numbers = Down trains, away from Melbourne Even numbers = Up trains, towards Melbourne</p>										
ADDDA	<p>Fifth character V = Operating within Victoria</p>										

1.6.3. South Australia Light Locomotives

Character	Description																		
ADDDA	First character – Locomotive type D = Locomotive																		
ADDDA	Second character – Identifies the district from which the locomotive originated or in which it runs Refer to Figure 2.1 – ARTC train numbering district map. <table border="1" data-bbox="459 645 1428 1070"> <tbody> <tr> <td>1</td> <td>Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)</td> </tr> <tr> <td>2</td> <td>Beyond Keswick to SA border with Victoria</td> </tr> <tr> <td>3</td> <td>All branch lines south of the Broken Hill line</td> </tr> <tr> <td>4</td> <td>Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction</td> </tr> <tr> <td>5</td> <td>Crystal Brook East Junction to Broken Hill</td> </tr> <tr> <td>6</td> <td>Beyond Spencer Junction to Whyalla</td> </tr> <tr> <td>7</td> <td>All branch lines north of the Broken Hill line and east of the Darwin line</td> </tr> <tr> <td>8</td> <td>Beyond Spencer Junction to SA border on line to Perth</td> </tr> <tr> <td>9</td> <td>Beyond Tarcoola to SA border on line to Darwin</td> </tr> </tbody> </table>	1	Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)	2	Beyond Keswick to SA border with Victoria	3	All branch lines south of the Broken Hill line	4	Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction	5	Crystal Brook East Junction to Broken Hill	6	Beyond Spencer Junction to Whyalla	7	All branch lines north of the Broken Hill line and east of the Darwin line	8	Beyond Spencer Junction to SA border on line to Perth	9	Beyond Tarcoola to SA border on line to Darwin
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8	Beyond Spencer Junction to SA border on line to Perth																		
9	Beyond Tarcoola to SA border on line to Darwin																		
ADDDA	Third character – Any odd or even number not already used																		
ADDDA	Fourth character Odd numbers = Down trains, away from Adelaide Even numbers = Up trains, towards Adelaide																		
ADDDA	Fifth character S = Operating within South Australia																		

1.7. Maintenance Trains

Any maintenance train that crosses a state border to work uses the numbering system of the state in which it is working.

Example: If a train leaves South Australia to work in Victoria, it shall have a Victorian number. If the train returns to South Australia, it shall have a South Australian number for its return journey.

On the rare occasion a train is working on both sides of a border, the number shall be based on the originating state.

1.7.1. New South Wales Maintenance Trains

Character	Description												
NANNA	<p>First character – Work district</p> <p>Refer to Figure 2.1 – ARTC train numbering district map.</p> <table> <tr> <td>1 = Sydney</td> <td>6 = Grafton</td> </tr> <tr> <td>2 = Goulburn</td> <td>7 = Lithgow – Merrygoen</td> </tr> <tr> <td>3 = Junee</td> <td>8 = Orange</td> </tr> <tr> <td>4 = Newcastle (Refer to ST)</td> <td>9 = Illawarra</td> </tr> <tr> <td>5 = Werris Creek</td> <td></td> </tr> </table>	1 = Sydney	6 = Grafton	2 = Goulburn	7 = Lithgow – Merrygoen	3 = Junee	8 = Orange	4 = Newcastle (Refer to ST)	9 = Illawarra	5 = Werris Creek			
1 = Sydney	6 = Grafton												
2 = Goulburn	7 = Lithgow – Merrygoen												
3 = Junee	8 = Orange												
4 = Newcastle (Refer to ST)	9 = Illawarra												
5 = Werris Creek													
NANNA	<p>Second character</p> <p>M = Maintenance Train</p>												
NANNA	<p>Third character – Identified specific type of train</p> <table> <tr> <td>1 = Not used</td> <td>7 = Track maintenance vehicles/rail grinders¹</td> </tr> <tr> <td>2 = Ballast train</td> <td>8 = Test vehicles¹</td> </tr> <tr> <td>3 = Ballast train</td> <td>9 = Herbicide</td> </tr> <tr> <td>4 = Rail train</td> <td>0 = Not used</td> </tr> <tr> <td>5 = Sleeper train</td> <td></td> </tr> <tr> <td>6 = Spare</td> <td></td> </tr> </table> <p>1. To operate under block working conditions unless classified to reliably operate track circuits.</p>	1 = Not used	7 = Track maintenance vehicles/rail grinders ¹	2 = Ballast train	8 = Test vehicles ¹	3 = Ballast train	9 = Herbicide	4 = Rail train	0 = Not used	5 = Sleeper train		6 = Spare	
1 = Not used	7 = Track maintenance vehicles/rail grinders ¹												
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3 = Ballast train	9 = Herbicide												
4 = Rail train	0 = Not used												
5 = Sleeper train													
6 = Spare													
NANNA	<p>Fourth character</p> <p>Odd numbers = Down trains, away from Sydney Even numbers = Up trains, towards Sydney</p> <p>Note: Where possible, numbers should be in sequential order of departure from the originating location.</p>												
NANNA	<p>Fifth character</p> <p>N = Operating within New South Wales</p>												

1.7.2. Sydney Metro Freight Network Maintenance Trains

Any Sydney Trains Maintenance Train will operate under Sydney Trains Numbering Principles.
Any ARTC Maintenance Train will operate under ARTC Numbering Principles

1.7.3 Victoria Maintenance Trains

Character	Description												
NANNA	<p>First character – Work district Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1-4</td> <td>Not ARTC Network</td> </tr> <tr> <td>5</td> <td>Metropolitan broad gauge</td> </tr> <tr> <td>6</td> <td>Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)</td> </tr> <tr> <td>7</td> <td>Allocated to Western (standard gauge) (Melbourne – Wolseley, Maroona – Portland)</td> </tr> <tr> <td>9</td> <td>Metropolitan standard gauge</td> </tr> </table>	1-4	Not ARTC Network	5	Metropolitan broad gauge	6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)	7	Allocated to Western (standard gauge) (Melbourne – Wolseley, Maroona – Portland)	9	Metropolitan standard gauge		
1-4	Not ARTC Network												
5	Metropolitan broad gauge												
6	Allocated to North East (standard gauge) (Melbourne – Albury, Benalla – Oaklands)												
7	Allocated to Western (standard gauge) (Melbourne – Wolseley, Maroona – Portland)												
9	Metropolitan standard gauge												
NANNA	<p>Second character M = Maintenance train</p>												
NANNA	<p>Third character – Identified specific type of train</p> <table> <tr> <td>1 = Not used</td> <td>7 = Track maintenance vehicles/rail grinders¹</td> </tr> <tr> <td>2 = Ballast train</td> <td>8 = Test vehicles¹</td> </tr> <tr> <td>3 = Ballast train</td> <td>9 = Herbicide</td> </tr> <tr> <td>4 = Rail train</td> <td>0 = Not used</td> </tr> <tr> <td>5 = Sleeper train</td> <td></td> </tr> <tr> <td>6 = Spare</td> <td></td> </tr> </table> <p>1. To operate under block working conditions unless classified to reliably operate track circuits.</p>	1 = Not used	7 = Track maintenance vehicles/rail grinders ¹	2 = Ballast train	8 = Test vehicles ¹	3 = Ballast train	9 = Herbicide	4 = Rail train	0 = Not used	5 = Sleeper train		6 = Spare	
1 = Not used	7 = Track maintenance vehicles/rail grinders ¹												
2 = Ballast train	8 = Test vehicles ¹												
3 = Ballast train	9 = Herbicide												
4 = Rail train	0 = Not used												
5 = Sleeper train													
6 = Spare													
NANNA	<p>Fourth character Odd numbers = Down trains, away from Melbourne Even numbers = Up trains, towards Melbourne Note: Where possible, numbers should be in sequential order of departure from the originating location.</p>												
NANNA	<p>Fifth character V = Operating within Victoria</p>												

1.7.4 South Australia Maintenance Trains

Character	Description																		
NANNA	<p>First character – Work district Refer to Figure 2.1 – ARTC train numbering district map.</p> <table border="1"> <tr> <td>1</td> <td>Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)</td> </tr> <tr> <td>2</td> <td>Beyond Keswick to SA border with Victoria</td> </tr> <tr> <td>3</td> <td>All branch lines south of the Broken Hill line</td> </tr> <tr> <td>4</td> <td>Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction</td> </tr> <tr> <td>5</td> <td>Crystal Brook East Junction to Broken Hill</td> </tr> <tr> <td>6</td> <td>Beyond Spencer Junction to Whyalla</td> </tr> <tr> <td>7</td> <td>All branch lines north of the Broken Hill line and east of the Darwin line</td> </tr> <tr> <td>8</td> <td>Beyond Spencer Junction to SA border on line to Perth</td> </tr> <tr> <td>9</td> <td>Beyond Tarcoola to SA border on line to Darwin</td> </tr> </table>	1	Dry Creek to Keswick, Pelican Point (Adelaide metropolitan area)	2	Beyond Keswick to SA border with Victoria	3	All branch lines south of the Broken Hill line	4	Beyond Dry Creek to Port Augusta, Port Pirie, Spencer Junction	5	Crystal Brook East Junction to Broken Hill	6	Beyond Spencer Junction to Whyalla	7	All branch lines north of the Broken Hill line and east of the Darwin line	8	Beyond Spencer Junction to SA border on line to Perth	9	Beyond Tarcoola to SA border on line to Darwin
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NANNA	<p>Third character – Identified specific type of train</p> <table> <tr> <td>1 = Not used</td> <td>7 = Track maintenance vehicles/rail grinders¹</td> </tr> <tr> <td>2 = Ballast train</td> <td>8 = Test vehicles¹</td> </tr> <tr> <td>3 = Ballast train</td> <td>9 = Herbicide</td> </tr> <tr> <td>4 = Rail train</td> <td>0 = Not used</td> </tr> <tr> <td>5 = Sleeper train</td> <td></td> </tr> <tr> <td>6 = Spare</td> <td></td> </tr> </table> <p>Notes: 1. To operate under block working conditions unless classified to reliably operate track circuits.</p>	1 = Not used	7 = Track maintenance vehicles/rail grinders ¹	2 = Ballast train	8 = Test vehicles ¹	3 = Ballast train	9 = Herbicide	4 = Rail train	0 = Not used	5 = Sleeper train		6 = Spare							
1 = Not used	7 = Track maintenance vehicles/rail grinders ¹																		
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4 = Rail train	0 = Not used																		
5 = Sleeper train																			
6 = Spare																			
NANNA	<p>Fourth character Odd numbers = Down trains, away from Adelaide Even numbers = Up trains, towards Adelaide Note: Where possible, numbers should be in sequential order of departure from the originating location.</p>																		
NANNA	<p>Fifth character S = Operating within South Australia</p>																		

1.8 AK Track Recording Car

Character	Description
ANNN	<p>First character – Identifies the region</p> <p>W = NSW Western Region M = Victoria N = NSW Northern Region (including A = South Australia the north coast, north west and P = Western Australia Hunter Valley) D = Northern Territory S = NSW Southern Region B = Queensland C = NSW Illawarra Region</p>
ANNN	<p>Second character – Identifies the cars</p> <p>K = AK Car</p>
ANNN	<p>Third character – Identifies specific type of train and working</p> <p>8 = AK Car – Diesel Loco – non-block working</p>
ANNN	<p>Fourth character – Identifies direction</p> <p>0-9 indicating up or down trains. Odd numbers = down trains Even numbers = up trains</p>

1.9 Heritage Operators

1.9.1 Passenger Trains – Heritage Operator Tours

Character	Description
NANN	<p>First character – Operator</p> <p>5--- 3801 Limited 6--- NSW Rail Transport Museum 7--- Rail Motor Society 8--- Lachlan Valley Railway Cowra 9--- ARHS (ACT Division)</p>
NANN	<p>Second character – Train type or motive power</p> <p>-L-- Trains hauled by diesel locomotives -R-- Diesel multiple unit trains and rail motors -S-- Trains hauled by steam locomotives</p>
NANN	<p>Third character - 0-9</p>
AANN	<p>Fourth character - 0-9</p> <p>Odd numbers = Down trains</p>

Character	Description
	Even numbers = Up trains

1.9.2 Light Locomotives

Character	Description
ANNN	First character – Operator 5--- 3801 Limited 6--- NSW Rail Transport Museum 7--- Rail Motor Society 8--- Lachlan Valley Railway Cowra 9--- ARHS (ACT Division)
ANNN	Second character – Locomotive type -Z-- Steam -D-- Diesel
ANNN	Third character - 0-9
ANNN	Fourth character - 0-9 Odd numbers = Down trains Even numbers = Up trains

2. Train Numbering District Map

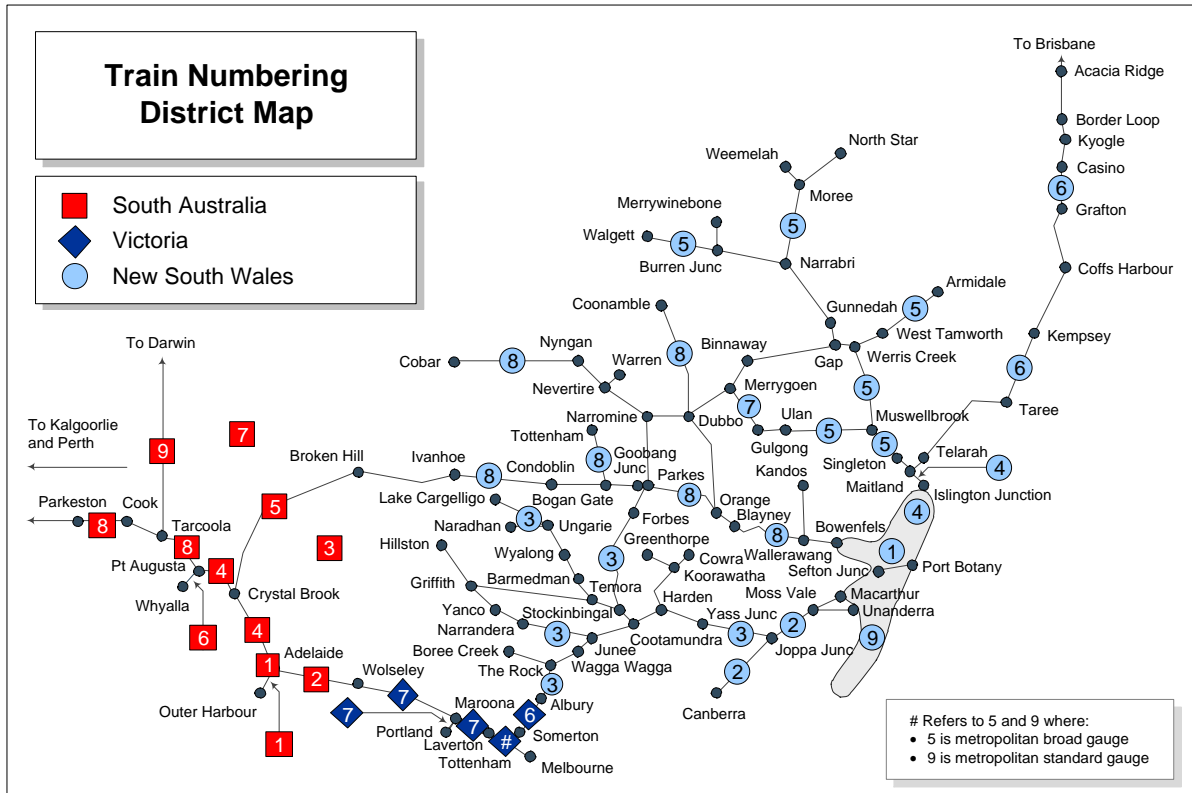


Figure 2.1 – ARTC Train Numbering District Map