



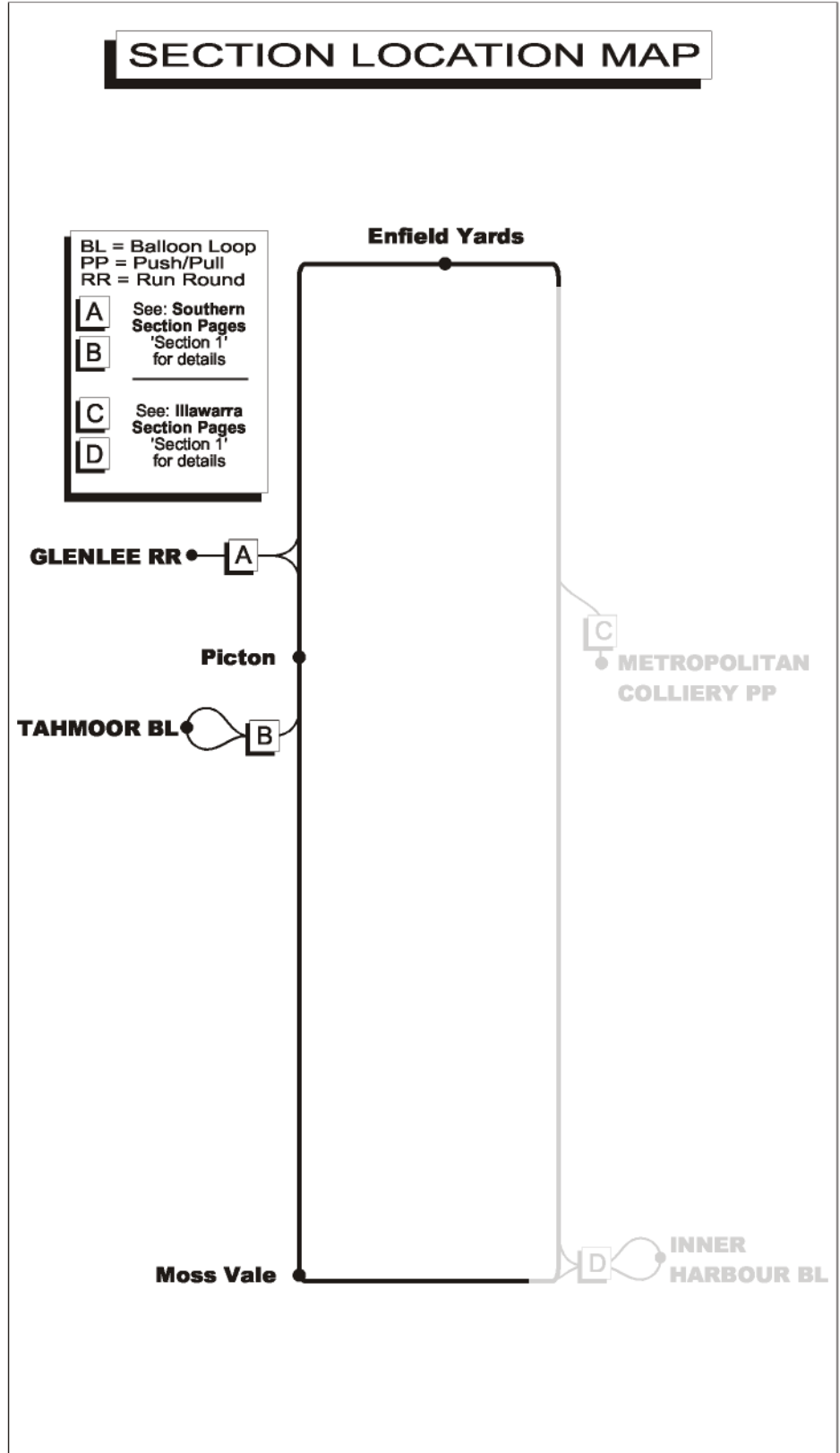
AUSTRALIAN RAIL TRACK CORPORATION LTD

*This document has been adopted by the ARTC with the permission of the NSW Government
and will continue to apply under the authority of the ARTC General Manager Risk and Safety
until further notice*

Illawarra Division

- ***Home Page***
- ***Section Pages***
- ***Coal train Pages***
- ***Track Diagrams***

TRAIN OPERATING CONDITIONS



ILLAWARRA COAL TRAIN WORKING PAGES**Status sheet 4 (Issued August 2004)**

This table shows the current status of units in this manual.

This sheet must be used to check that your manual contains all of these units and that each unit is up to date.

When a new status sheet is forwarded to you, it is your responsibility to add, remove or replace any pages or units from this manual as instructed in the **bold** print on the new status sheet.

COAL TRAIN WORKING

Page	Issued
Section Location Map	June 2000
1	August 2004
2	August 2004
3	August 2004
4	August 2004

TAHMOOR TO INNER HARBOUR (Via Moss Vale)

LOADED LOADS & CONDITIONS	LOCOMOTIVE CATEGORY	LOADS TONNES					TRAIN DATA		NOTES
		Number Of Locomotives					VEHICLE CATEGORY	SECT RUN TIMES	
SECTIONS	+ = PLUS / = OR	SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 TAHMOOR – INNER HBR	L3/L4	--	3300	--	--	--	C/F	1	
2 TAHMOOR – INNER HBR	L4	--	4200	--	--	--	C	2	
3 TAHMOOR – INNER HBR	L3	--	4500	--	--	--	C	2	1

Notes

- To allow some locomotive flexibility in the Tahmoor – Inner Harbour trains a single L3 category locomotive can be substituted by a single L4 category locomotive however in these instances only 42 wagons out of the 45 wagon consist must be loaded.

EMPTY LOADS & CONDITIONS

Empty trains for Tahmoor Colliery can utilise motive power required for loaded trains, when the locomotives are available and run to the running times shown for empty trains. If the locomotives are not available reference should then be made to the relevant tables that match the loads and available motive power to return these trains to their loading points.

LOADED	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS							GRADES
	Arr	Dep	1	2				L3	L4						
TAHMOOR COLL			↻	↻				↻	↻						↻
TAHMOOR JUN			4	4											
PICTON			12a					4274	4044						Down Grade
PICTON			↻					↻	↻						↻
BARGO			31					2250	2100						1:75
TAHMOOR JUN			↻	↻				↻	↻						↻
BARGO			12	17				2250	2100						1:75
YERRINBOOL			26	35				2250	2100						1:75
MITTAGONG			25	30				2250	2100						1:75
BOWRAL			7	14				2250	2100						1:75
MOSS VALE JUN			11a	11a				4274	4044						Level
CALWALLA	+1	+2	17	17				2250	2100						1:75
ROBERTSON	+1	+2	17	17				2250	2100						1:75
MT MURRAY	+2	+1	20	20				2250	2100						1:75
SUMMIT TANK	+1	+2	21	21				2250	2100						1:75
DOMBARTON	+2	+1	36	36				3400	3060						1:130
UNANDERRA	+2	+1	22	22				4274	4044						Down Grade
INNER HARBOUR			10a	10a				2659	2514						1:100

EMPTY	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS							GRADES
	Arr	Dep	1					L3	L4						
INNER HARBOUR:			↻					↻	↻						↻
UNANDERRA	+1	+2	10					2659	2514						1:100
DOMBARTON	+1	+2	19					791	745						1:30
SUMMIT TANK	+1	+2	24					791	745						1:30
MT MURRAY	+1	+2	15					1743	1646						1:60
ROBERTSON	+2	+1	15					1743	1646						1:60
CALWALLA	+1	+2	9					2227	2104						1:80
MOSS VALE JUN			8a					2111	1995						1:75
BOWRAL			--					3792	3587						1:165
MITTAGONG			12					4274	4044						Down Grade
YERRINBOOL			--					4274	4044						Down Grade
BARGO			24					4274	4044						Down Grade
PICTON			15a					4274	4044						Down Grade
BARGO:			↻					↻	↻						↻
TAHMOOR JUN			7a					4274	4044						Down Grade
TAHMOOR COLL			5a												

DOWN LOADS & CONDITIONS		LOCOMOTIVE CATEGORY	LOADS TONNES					TRAIN DATA		NOTES
SECTIONS		+ = PLUS / = OR	Number Of Locomotives					VEHICLE CATEGORY	SECT RUN TIMES	
			SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1	ENFIELD – INNER HARBOUR	L3/L4	--	--	3300	4500	--	C/F	2	
2	WATERFALL – INNER HBR	L3/L4	--	3300	--	--	--	C/F	2	
3	ENFIELD – METROP COLL	L13	--	--	432	--	--	C/F	3	1
4	WATERFALL – INNER HBR	L3/L4	--	4500	--	--	--	C/F	4	
5	METROP COLL - INNER HBR	L4	--	4200	--	--	--	C/F	5	2
6	METROP COLL - INNER HBR	L3	--	4500	--	--	--	C/F	5	3
7	METROP COLL - INNER HBR	L13	--	--	--	3300	--	C/F	5	4

Notes:

- (1) Empty coal train.
- (2) 1 x L3/L4 category locomotive leading plus 1 x L3/L4 category locomotive marshalled in the rear.
- (3) To allow some locomotive flexibility in the Metropolitan Colliery – Inner Harbour working trains, a single L3 category locomotive can be substituted by a single L4 category locomotive however in these instances only 42 wagons of the 45 wagon consist must be loaded.
- (4) 2 x L13 category locomotives leading plus 2 x L13 category locomotives marshalled in the rear.

DOWN	SECTIONAL RUNNING TIMES							FULL SECTIONAL LOADS							GRADES	
	Arr	Dep	1	2	3	4	5	Loco only	L3	L4	L13					
ENFIELD				↻	↻	↻			↻	↻	↻					↻
ENFIELD SOUTH				4	4				2659	2514	984					1:100
CAMPSIE				5	4				2659	2514	984					1:100
WARDELL RD JUN				5	6				2659	2514	984					1:100
MEEKS RD JUNCTION				5	5				4274	4044	1600					Down Grade
WOLLI CRK JUNCTION				3	3				4274	4044	1600					Down Grade
HURSTVILLE				8	8				1743	1646	636					1:60
MORTDALE				3	2				4274	4044	1600					Down Grade
SUTHERLAND				9	9				1200	1131	410					1:40
WATERFALL	+2	+2		17	15	↻			1200	1131	410					1:40
HELENSBURGH				10	9	10			4274	4044	1600					Down Grade
METROP COLL JUN				..	3	..			4274	4044	1600					Down Grade
METROP COLLIERY				..	5a	..	↻		1200	1131	410					1:40
METROP COLL JUN				5a			4274	4044	1600					Down Grade
OTFORD				10	10	6			2659	2514	984					1:100
COAL CLIFF				12	14	14			2227	2104	830					1:80
SCARBOROUGH				5	10	10			2659	2514	984					1:100
THIRROUL	+1	+2		7	8	8			4274	4044	1600					Down Grade
WOLLONGONG	+1	+2		12	13	13			2227	2104	830					1:80
CONISTON				2	2	2			4274	4044	1600					Level
INNER HARBOUR				5a	5a	5a			3047	2882	1131					1:120

UP LOADS & CONDITIONS	LOCOMOTIVE CATEGORY	LOADS TONNES					TRAIN DATA		NOTES
		Number of Locomotives					VEHICLE CATEGORY	SECT RUN TIMES	
SECTIONS	+ = PLUS / = OR	SINGLE	DOUBLE	TRIPLE	QUAD	QUIN			
1 INNER HBR – ENFIELD	L3/L4	--	1505	--	--	--	C/F	1	1
2 INNER HBR – ENFIELD	L3/L4	--	--	1360	--	--	C/F	2	4
3 INNER HBR – METROP COLL	L3/L4	--	1215	--	--	--	C/F	2	2
4 INNER HBR – METROP COLL	L13	--	--	--	891	--	C/F	3	3
5 METROP COLL – ENFIELD	L13	--	--	1824	--	--	C/F	4	

Notes:

- (1) Empty coal train including 2 x L3/L4 category locomotives off line.
- (2) 1 x L3/L4 category locomotive leading plus 1 x L3/L4 category locomotive marshalled in the rear.
- (3) 2 x L13 category locomotive leading plus 2 x L13 category locomotive marshalled in the rear.
- (4) Empty coal train including 1 x L3/L4 category locomotives off line.

UP	SECTIONAL RUNNING TIMES								FULL SECTIONAL LOADS						GRADES	
	Arr	Dep	1	2	3	4			L3	L4	L13					
INNER HARBOUR:			↻	↻	↻	↻	↻	↻	↻	↻	↻					↻
CONISTON			7	7	7				4274	4044	1600					Level
WOLLONGONG	+1	+2	3	2	3				4274	4044	1600					Level
CORRIMAL			6	5	5				2659	2514	984					1:100
THIRROUL	+1	+2	7	6	6				2111	1995	776					1:75
SCARBOROUGH			15	8	8				2111	1995	776					1:75
COAL CLIFF			6	3	4				3047	2882	1131					1:120
OTFORD			15	7	7				2111	1995	776					1:75
METROP COLL JUN					5a				2111	1995	776					1:75
METROP COLLIERY					5a	↻			1200	1131	410					1:40
METROP COLL JUN						5			4274	4044	1600					Down Grade
HELENSBURGH			10	8		10			2111	1995	776					1:75
WATERFALL	+2	+2	13	9		25			2227	2104	820					1:80
SUTHERLAND			12	12		15			3047	2882	1131					1:120
MORTDALE			7	7		8			2227	2104	820					1:80
HURSTVILLE			3	3		7			2111	1995	776					1:75
WOLLI CK JUNCTION			7	6		8			2659	2514	984					1:100
MEEKS RD JUNCTION			1	2		1			2659	2514	984					1:100
WARDELL RD JUN			5	5		6			2659	2514	984					1:100
CAMPSIE				5		5			2659	2514	984					1:100
ENFIELD SOUTH				5		5			2659	2514	984					1:100
ENFIELD YARDS				6a		6a			2659	2514	984					1:100

