



2-10 Adams Drive
Welshpool WA 6106
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WestNet Rail Pty Ltd ABN 42 094 721 301

23 February, 2004

Bruce Chan
Acting Executive Director
Economic Regulation Authority
P.O. Box 7459, Cloister Square
Perth WA 6850.

Dear Bruce,

Clause 9 Determination – Grain Lines

WestNet Rail has prepared the ceiling and floors for the narrow gauge grain lines as requested. The approved costing principles and the MEA specification as agreed for both 16 and 19 tonne axle loads have been adopted.

The table below documents the MEA specification for the 16 and 19 tonne axle load track

Track Element	16 tal	19 tal
Rail weight (Kg per metre)	31 (if 31 not available, then 41 to be substituted)	41
Sleeper pattern	1:4 steel/timber "A" Type 2.1m x 225mm x 115mm	1:4 steel/timber "B" Type 2.1m x 225mm x 130mm
Sleeper Spacing (No per Km)	1320	1320
Continuously Welded Rail (CWR)	Gravel/Metal 150 mm depth (CWR)	Metal 150 mm depth (CWR)
Mechanical Jointed Rail	Gravel/Metal 100 mm depth (Jointed)	N/a
Fasteners	Plated curves < 800 radius, fasteners non elastic in timber	Plated timber sleepers, elastic fasteners throughout.
Formation depth	1.0 metres including capping layer	1.0 metres including capping layer
Speed max (kph)	60	80

The table below provides the Ceiling, Floor and GRV for each section as agreed.

Selected Grain Line Determinations

	Section Length (Km)	Ceiling					Total
		Capital	Maintenance	Operating	Overhead	Working Capital	
Avon to Goomalling	57.69	\$2,851,318	\$517,469	\$23,034	\$66,380	\$99,316	\$ 3,557,517
Katanning to Tambellup	46.712	\$2,049,695	\$387,742	\$14,466	\$32,302	\$71,483	\$ 2,555,688
Kulin to Yillimining	99.808	\$4,460,040	\$611,879	\$2,107	\$11,447	\$156,759	\$ 5,242,232
Mullewa to Narngulu	103.091	\$4,301,314	\$621,000	\$4,916	\$17,666	\$151,300	\$ 5,096,196

	Floor
Avon to Goomalling	122,027
Katanning to Tambellup	57,848
Kulin to Yillimining	53,415
Mullewa to Narngulu	55,103

GRV			
Track	Signals	Communications	Total
\$37,867,453	\$1,174,573	\$208,098	\$ 39,250,125
\$27,955,443	\$80,881	\$232,925	\$ 28,269,250
\$60,771,907	\$91,046	\$55,762	\$ 60,918,715
\$57,717,786	\$1,155,987	\$98,135	\$ 58,971,909

Notes supporting the grain line pricing.

All unit pricing adopted in the grain lines are those that have been approved in the earlier determinations with the exception of the following:-

"A" type timber sleepers	\$46.28
"B" type timber sleepers	\$49.60
Train Order Cabins with equipment	\$6,765
Self Restoring Points	\$288,000

WACC used is 6.9%

Unit rates used are those originally approved. All calculations have been indexed by 75% of CPI.

WestNet would be happy to discuss any aspect of the grain pricing at a time suitable to you.

Further enquiries may be directed to the Access Policy Manager, Geoff Brook on 9212 2839.

T F Ryan
General Manager
WESTNET RAIL



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WestNet Rail Pty Ltd ABN 42 094 721 301

9 March, 2004

Bruce Chan
 Acting Executive Director
 Economic Regulation Authority
 P.O. Box 7459, Cloister Square
 Perth WA 6850.

Dear Bruce,

Clause 9 Determination – Grain Lines and Supplementary Information

Following our meeting on February 25, WestNet Rail has re cast the ceiling and floors for the narrow gauge grain lines as requested. Please disregard my previous advice dated March 3, 2004 as the Ceiling table had corrupt numbers.

The table below provides the corrected Ceiling, Floor and GRV for each section as discussed.

Selected Grain Line Determinations

Route Section	Ceiling					Total Ceiling
	Capital	Maintenance	Operating	Overhead	Working Capital	
Avon to Goomalling	\$3,089,340	\$517,469	\$23,034	\$66,380	\$106,582	\$3,802,805
Katanning to Tambellup	\$2,242,503	\$387,742	\$14,466	\$32,302	\$77,366	\$2,754,379
Kulin to Yilminning	\$4,601,202	\$611,879	\$2,107	\$11,447	\$158,741	\$5,385,377
Mullewa to Nargnulu	\$4,417,890	\$621,000	\$4,916	\$17,666	\$152,417	\$5,213,888

Route Section	Floor	GRV			Total
		Track	Signals	Comms	
Avon to Goomalling	122,027	\$40,653,050	\$1,174,573	\$208,098	\$42,035,722
Katanning to Tambellup	57,848	\$30,211,906	\$80,881	\$232,925	\$30,525,712
Kulin to Yilminning	53,415	\$62,375,764	\$91,046	\$55,762	\$62,522,572
Mullewa to Nargnulu	55,103	\$59,027,111	\$1,155,987	\$98,135	\$60,281,234

The major change from the February advice is the pricing oversight for timber sleepers where fasteners were excluded from the sleeper unit rates

	Sleeper only	Sleeper incl fasteners
"A" type timber sleepers	\$46.28	\$49.72 tangent
"A" type timber sleepers		\$86.08 curve

"B" type timber sleepers

\$49.60

\$89.40

All calculations have been indexed by 75% of CPI for the full 12 months.

Population data for the four sections is provided as requested.

Track Population data Grain Lines

	Bridge		Culverts	Level Crossings	Turnouts	Crossing Loops Km	Train Order Cabins	Self Restoring Points	APM		2003	
	Qty	Length (m)							GTK	Train No	GTK	Train No
Avon to Goomalling	9	448.04	118	34	7	3.748	3	3	114,015,536	984	77,518,709	707
Katanning to Tambellup	8	133.02	57	22	8	3.382	6	-	44,610,137	618	65,194,851	814
Kulin to Yillimining	1	9.14	192	57	14	4.149	6	-	25,888,624	90	27,803,075	208
Mullewa to Narngulu	3	162.01	72	37	7	1.334	3	3	34,395,114	210	26,037,050	175

A Copy of the revised Access Pricing Model will be forwarded to you by email.

Further enquiries may be directed to the Access Policy Manager, Geoff Brook on 9212 2839.

T F Ryan
General Manager
WESTNET RAIL



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WestNet Rail Pty Ltd ABN 42 094 721 301

1 April, 2004

Bruce Chan
 Acting Executive Director
 Economic Regulation Authority
 P.O. Box 7459, Cloister Square
 Perth WA 6850.

Dear Bruce,

Clause 9 Determination – Grain Lines and Supplementary Information

Further to our earlier advice on March 9, 2004 , WestNet Rail has re cast the ceiling and floors for the narrow gauge grain lines as a consequence of the Pwc review . Please disregard my previous advice dated March 9, 2004 .

The table below provides the corrected Ceiling, Floor and GRV for each section as discussed.

Selected Grain Line Determinations

Route Section	Ceiling					Total Ceiling
	Capital	Maintenance	Operating	Overhead	Working Capital	
Avon to Goomalling	3,158,248	513,362	23,034	66,380	108,960	3,869,984
Katanning to Tambellup	2,320,575	384,464	14,466	32,302	80,060	2,831,867
Kulin to Yilminning	4,738,468	604,951	2,107	11,447	163,477	5,520,450
Mullewa to Nargnulu	4,488,407	613,836	4,916	17,666	154,850	5,279,674

Route Section	Floor	GRV			Total
		Track	Signals	Comms	
Avon to Goomalling	117,920	41,423,717	1,174,573	208,098	42,806,388
Katanning to Tambellup	54,571	31,092,667	80,881	232,925	31,406,473
Kulin to Yilminning	46,486	63,917,097	91,046	55,762	64,063,905
Mullewa to Nargnulu	47,939	59,797,778	1,155,987	98,135	61,051,900

Population data for the four sections is provided as requested.

Track Population data Grain Lines

	Bridge		Level Crossings	Turnouts	Crossing Loops Km	Train Order Cabins	Self Restoring Points	APM		2003		
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