

Document : **RESOURCE SCHEDULING SYSTEM FOR
TRANSNET FREIGHT RAIL COAL TRAFFIC**

Date of Submission of Response : 14 April 2009

Date of Submission of Queries: 31st March 2009, Received by TFR on 1 April 2009

Version : 1.0

S.No	Questions	Answer	Document Name	Section Name	Page No	Remarks If any
1	Can Transnet indicate number of people who would be using the Scheduling System (For working out Licenses)	For the coal solution there is typically a single office of not more than 10 persons who are involved in the detail planning who would need to have "super user" access. Of these 3 would be involved in the day-to-day detail planning which produces the plan and doing re-planning, should it be required. There will be a much bigger audience spread over a variety of locations that would require viewing access to the system.	REQUEST FOR PROPOSAL NUMBER "1030 72855"			Limiting and managing software usage in a big corporate is difficult due to attrition and movement of staff. This should be considered in licensing proposal.
2	For the Interfaces to be developed with the Scheduling system, can Transnet tell us the format of interfaces in which the data would be available or TCS would have to find it out.	The interface details will be specified at the time of technical specification once the tender has been awarded in collaboration with TFR's ICTM department. TFR is using WebMethods for interfacing so any format of messages can be accepted.	REQUEST FOR PROPOSAL NUMBER "1030 72855"			
3	IATS - a system reporting the position of locomotives and wagons via GPS co-ordinates: Input Info required: Is this the only location input? What difference from TMS?	IATS provides accurate GPS coordinates of locomotives and wagons	REQUEST FOR PROPOSAL NUMBER "1030 72855"	Part 2	11 to 18	
4	TMS - a system used to monitor trains whilst in certain sections of the network Input Info required: Is this the only location input? What difference from IATS?	TMS provides the progress of a train, by train number sourced from the Centralised Train Control (CTC) system by which train positions are known from track circuits being occupied.	REQUEST FOR PROPOSAL NUMBER "1030 72855"	Part 2	11 to 18	
5	SPRINT - a system managing the status of locomotive and wagons on the rail network: Input Info required: what info does it provide?	Sprint gives the last reporting position of trains, wagons and locomotives on a resolution of defined reporting points at yard /station level. The reporting is mostly through manual reporting, although this information is now being augmented by interfaces to IATS and TMS	REQUEST FOR PROPOSAL NUMBER "1030 72855"	Part 2	11 to 18	
6	ITP - The integrated train plan produced for a 7 day period Input Info required: Can we get an example of details for each resource covered under this plan?	The ITP gives operational details of the plan that must be executed. This will be entirely dependent on the optimal solution provided by The Solution. Details of requirements for The Solution will be discussed and finalised during detail specification. NOTE: Examples of existing outputs are given only as a guideline and should not be read as the requirement for The Solution.	REQUEST FOR PROPOSAL NUMBER "1030 72855"	Part 2	11 to 18	
7	SAP BIW - a system used for business intelligence and KPI reporting Output info required - What are the details to be uploaded?	The SAP BIW is a business intelligence warehouse used in TFR to provide management information. The detail of what must be uploaded will be finalised during the detail specification. This will typically be details of the final plan against which actual performance will then be monitored.	REQUEST FOR PROPOSAL NUMBER "1030 72855"	Part 2	11 to 18	

requested	7	22	13	1	3	3	11	4	8	3	5	4	2	5	3	4	6	4	4	13	1	1	2	11	3	2	1	1	3	1	1	2	1	4	2	2	1	164	V4.0.Rev1.7	
LoadPt.	BNK	RLT	GH	GGK	NCD	EKB	OPT	KFT	MID	VDD	RS	BSP	WAL	TFT	WCC	SWB	TAV	UTK	FZO	ATC	SBK	ANT	OB	TWI	VST	VSS	WRO	CAR	PBT	BLG	TAL	KPL	DMS	MAF	DRV	BJL	UML	Remarks		
	BY	LDY	GHM	GGK	BZR	EIY	PSH	KOY	MED	VYF	RSY	BSX	WAL	MNR	SRW	SWD	OUT	UIT	FOR	ATC	SBK	ANT	OBK	TIT	VST	VSS	WRM	CLA	PBT	BLG	TAL	KPL	DMS	MAF	DRV	BJL	UML			
MON 2009/03/30	91034	95652	90010	8946	87212	87406	95802			90242	92048				92220			39498		91414				36898										80698		84298	17	B&S 1 Natal		
TUE 2009/03/31	93034	91652	92410				97602	91240	90036		95648		93650				90416	39498	95200	91814	87844			34098			81098	8800				36422	32298		96098	23	B&S 1 Natal			
WED 2009/04/01	91634	90452	94010		86612		93002	92440	91036		96448	87238		93650	92220		91216		91800	97014				35898	85298			8800	2853				39498			23	B&S 2 Natal			
THU 2009/04/02	90634	91852	91610		88212		94602	98440	91236	92442		87238				96018	91016	32898		92214				34098	85298		80098			2843			39498			23	B&S 2 Natal			
FRI 2009/04/03	91834	91052	92410			87206	90402		93036		99448		81604	93650		96218	92816		91200	92214					80698	34498			85298					80098			23	B&S 1 Natal		
SAT 2009/04/04	90234	90852	94010				91002	95040	94636		96848	87438		93850		96218	91616	30498	92000	92614											81498			32298		97298	25	B&S Natal		
SUN 2009/04/05	94834	90452	95210			87206	93202			96042		87438	81804	93850	92220	96218	96816			94214												80098						22	B&S 1 Natal	
J100	7	22	13				11	4	8	3	5			5	3	4	6		4	13		1														2		114		
JS100				1																				11														21		
S100					3	3						4	2								1		2		3	2	1	1				2	1	4			27			
S50																																						2		
TOT	7	22	13	1	3	3	11	4	8	3	5	4	2	5	3	4	6	4	4	13	1	1	2	11	3	2	1	1	3	1	1	2	1	4	2	2	1	164		
Canc																																								
Pool																																								
Trmsf																																								

MON MON
TUE TUE
WED WED
THU THU
FRI FRI
SAT SAT
SUN SUN

NATAL SERVICE

2009/03/30 to 2009/04/05

DAY	Train no	Time	Mine	Supply Train	5/7 1/3
MON 2009/03/30	2843	XTRA	TAL	0	50
TUE 2009/03/31	8800		PBT	8804	100
WED 2009/04/01	2853		BLG	8846	50
	8800		PBT	8844	100
THU 2009/04/02	8800		PBT	8834	100
	2843		TAL	8834	50
FRI 2009/04/03	8800	XTRA	PBT	0	100
SAT 2009/04/04					
SUN 2009/04/05	8800	XTRA	PBT	0	100

DEPARTURE		00:00	00:30	01:00	01:30	02:00	02:30	02:50	03:00	03:30	04:00	04:30	05:00	05:30	05:50	06:00	06:10	06:30	07:00	07:15	07:30	08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	11:50	12:00
MON 2009/03/30	TRAIN NO.	90010	90242		80698		91034	Standby		91414	6116	2843	92048	92220	Standby		Hauler											84298			Standby
	DESTINATION	GHM	VYF		DRV		BYY			ATC	LE	TAL	RSY	SRW														UML			
	WAGON TYPE	J	J		S		J			J		S5	J	J														S			
	COMMENT											XTRA		SRK																	
TUE 2009/03/31	TRAIN NO.	90036		90416	6106		81098	Standby	91240		991652	91814		32298	Standby	92410	Hauler		0		93034	8800	93650			34098		94452		Standby	94836
	DESTINATION	MED		OUT	LE		CLA		KOY		LDY	ATC		MAF		GHM			KOMBI		BYY	PBT	MNR			TIT		LDY		Standby	MED
	WAGON TYPE	J		J			S		J		&LDY	J		JS		J			JS		J	J	J			JS		J		J	
	COMMENT			BR	BY						200 ECP WAGON TEST WITH X12 DIESELS								UIT					OUT							
WED 2009/04/01	TRAIN NO.			90452			91036	Standby	91216		91634	91800	82018	92220	Standby	92440	Hauler		0		93002	93452	93650			94010	8800		6146	Standby	
	DESTINATION			LDY			MED		OUT		BYY	FOR	DRV	SRW		KOY			KOMBI		PSH	LDY	MNR			GHM	PBT		LE		
	WAGON TYPE			J			J		J		J	J	S	J		J			JS		J	J	J			J	J				
	COMMENT								SRK				XTRA	LE					UIT				OUT								
THU 2009/04/02	TRAIN NO.	80098			90634		91016	Standby	91236		91610	991852		92214	Standby	92442	Hauler		32898		8800		6134	2843			34098		94602	Standby	
	DESTINATION	WRM			BYY		OUT		MED		GHM	LDY		ATC		VYF			UIT		PBT		LE	TAL			TIT		PSH		
	WAGON TYPE	S			J		J		J		J	&LDY		J		J			JS		J			S5		JS		J			
	COMMENT						LE					200 ECP WAGON TEST X12 P/B DIESEL							KOMBI				OUT								
FRI 2009/04/03	TRAIN NO.	80098		90402	80698		91052	Standby	91200	6114	81604	91834		92214	Standby	92410	Hauler	8800	92816		93036			93650			94252	34498		Standby	34898
	DESTINATION	DRV		PSH	OBK		LDY		FOR	LE	WAL	BYY		ATC		GHM		PBT	OUT		MED			MNR			LDY	TIT			UIT
	WAGON TYPE	S		J	S		J		J		S	J		J		J		J	J		J		J			J	JS				JSXTRA
	COMMENT				LOCO ON LOAD					BR		LOCO ON LOAD						XTRA	LE					LE							
SAT 2009/04/04	TRAIN NO.	6100	90234	30498		90852	91002	Standby		81498	91616		92000	32298	Standby		Hauler	92614	82898			93252	0		93850	94010		34498	94636	Standby	
	DESTINATION	LE	BYY	UIT		LDY	PSH			KPL	OUT		FOR	MAF				ATC	OBK			LDY	KOMBI		MNR	GHM		TIT	MED		
	WAGON TYPE		J	JS		J	J			S	J		J	JS				J	SxTRA			J	JS		J	J		JS	J		
	COMMENT	BY		KOMBI							LE								LOCO ON LOAD				UIT		OUT						
SUN 2009/04/05	TRAIN NO.	80098		90452	6106		91000	Standby		81498		81804		92220	Standby	92498	Hauler	8800			93052	93202		33698	93850		94214		6146	Standby	94834
	DESTINATION	KPL		LDY	LE		FOR			OBK		WAL		SRW		PHX		PBT			LDY	PSH		TIT	MNR		ATC		LE		BYY
	WAGON TYPE	S		J			J			S		S		J		JxTRA		J			J	J		JS	J		J			J	
	COMMENT				BR		XTRA			LOCO ON LOAD		LOCO ON LOAD		LE		LE		XTRA							SRK					PHX	

DEPARTURE		12:10	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	17:50	18:00	18:10	18:30	19:00	19:15	19:30	20:00	20:30	21:00	21:30	21:50	22:00	22:30	23:00	23:10	23:30	Total # trains	
MON 2009/03/30	TRAIN NO.	Hauler				95652	95802	96040	96214	96410		36898		Standby	87212	Hauler	87406		8946						Standby	98852				Hauler	39498	
	DESTINATION					LDY	PSH	KOY	ATC	GHM		TIT			BZR		EIY		GGK							LDY				Hauler	UIT	21
	WAGON TYPE					J	J	J	J	J		JS			S		S		JS							J				JS		
	COMMENT							XTRA							SPW		LE													KOMBI		
TUE 2009/03/31	TRAIN NO.	Hauler		95200		95648		96098	6162	36422		96814		Standby	87212	Hauler		97602	8946	87844				98452	Standby	98810		6192	Hauler	39498		
	DESTINATION			FOR		RSY		BJL	LE	DMS		ATC			BZR		PSH	GGK	SBK				LDY			GHM		LE	Hauler	UIT	30	
	WAGON TYPE			J		J		J		JS		J			SxTRA		J	S	S				J			J				JS		
	COMMENT								MMR		OGS PERS				LE				CU XTRA									BZR		KOMBI		
WED 2009/04/01	TRAIN NO.	Hauler		85298		35898	96052		96448	86612		97014	Standby	87238	Hauler		97610	8946	2853				38498	98602	Standby	6188	99052	6192	Hauler	39498		
	DESTINATION			VSS		TIT	LDY		RSY	BZR		ATC			BSX		GHM	GGK	BLG				TIT	PSH		LE	LDY	LE	Hauler	MAF	31	
	WAGON TYPE			S		JS	J		J	S		J			S		J	S	S5				JS	J		J			JS			
	COMMENT									MMR					LE				XTRA							BZR		BK				
THU 2009/04/02	TRAIN NO.	Hauler	95052	85298		0	96018		96436		96898	97014	Standby	87238	Hauler		97652	8946	97810			88212	98440		Standby	38898	6190	6192	Hauler	39498		
	DESTINATION		LDY	VST			KOMBI	SWD	MED		PHX	ATC			BSX		LDY	GGK	GHM			BZR	KOY			TIT	LE	LE	Hauler	MAF	31	
	WAGON TYPE		J	S			JS	J	J		JxTRA	J			S		J	S	J			S	J			JS			JS			
	COMMENT						UIT	LE			LE				LE				XTRA				SWD					PHX	BK			
FRI 2009/04/03	TRAIN NO.	Hauler		85298		95602			96218		96898		Standby	87206	Hauler	97414	0		97852				6184	98610	Standby	98836	6190	39298	Hauler	99448		
	DESTINATION			VSS		PSH			SWD		PHX				EIY	ATC	KOMBI		LDY				LE	GHM		MED	LE	TIT	Hauler	RSY	31	
	WAGON TYPE			S		J			J		JxTRA				S	J			J					J		J	JS		J			
	COMMENT								OUT		MMR				LE		UIT						SWD				PHX					
SAT 2009/04/04	TRAIN NO.	Hauler	95040	95298		95652		96002	96218		96848		Standby	97298	Hauler	87438			8946	87898			6184	38698	Standby	98814			Hauler	99410		
	DESTINATION		KOY	ANT		LDY		PSH	SWD		RSY				BJL		BSX		GGK	VST			LE	TIT		ATC			Hauler	GHM	31	
	WAGON TYPE		J	J		J		J	J		J				J		S		S	S				JS		J			J			
	COMMENT								MMR						LE				XTRA				SWD		XTRA							
SUN 2009/04/05	TRAIN NO.	Hauler		95210		95652		96042	96218		96816		Standby	87206	Hauler	87438	97640			87898	98052		98402	6186	Standby	38898	6190	99214	Hauler	6194		
	DESTINATION			GHM		LDY		VYF	SWD		OUT				EIY		BSX	KOY		VST	LDY		PSH	LE		TIT	LE	ATC	Hauler	LE	32	
	WAGON TYPE			J		J		J	J		J				S		J		S	J		J		J		JS	J					
	COMMENT								MMR		LE				LE		SWD	XTRA						OUT			BK			BK		

Date:

2009/03/30

ERMELO											VRYHEID								RICHARDS BAY								
Train Number	Schedule Departure	Actual Departure	Planned crews	Actual crews	Planned loads	Planned mines	Actual Loads	Reason for load change	Planned return train	Actual return train	Planned Train Number	Schedule Departure	Planned mines	Actual Departure	Planned crews	Actual crews	Actual train	Planned return train	Actual return train	Planned Train Number	Actual train	Schedule Departure	Actual Departure	Planned crews	Actual crews	Planned return train	Actual return train
8801	00:00		EMR							8802		8837	00:20		VYD			8814		8800		00:35		RCB		8847	
8803	01:00		EMR							8804			01:20		VYD			KOMBI		8802		01:35		VYD		8825	
8805	02:00		EMR							8806			02:20		RCB			8842		8804		02:05		VYD		8827	
8807	03:00		EMR							8808		8843	03:20		VYD			8814		8806		03:35		RCB		8805	
8809	04:00		EMR		98399	87599	TIT	KPL		8810		8845	04:20		VYD			KOMBI		8808		04:35		VYD		8831	
8811	05:00		EMR							8812			05:20		RCB			8800		8810		05:35		VYD		8833	
8813	06:00		EMR		99101	98353	FOR	LDY		8814			06:20		VYD			8826		8812		06:35		RCB		8811	
8815	06:30		EMR		99141		KOY			KOMBI		KOMBI	06:30		VYD			8818		8814		07:35		VYD		8837	
8817	08:00		EMR							8818			07:20		VYD			8828		8816		08:35		RCB		8815	
8819	09:00		VYD							8842			08:20		RCB			8806		8818		09:35		VYD		KOMBI	
8821	10:00		EMR							8822			09:20		VYD			8832		8820		10:35		VYD		8843	
8823	11:00		EMR							8824		KOMBI	09:30		VYD			8824		8822		11:35		RCB		8821	
8825	12:00		EMR							8826			10:20		VYD			8834		8824		12:35		VYD		KOMBI	
8827	13:00		EMR							8828			11:20		RCB			8812		8826		13:35		VYD		8801	
KOMBI	13:00		EMR							8820			12:20		VYD			8838		8828		14:35		VYD		8803	
8829	14:00		EMR							8830			12:50		RCB			8816		8830		15:35		RCB		8829	
8831	15:00		EMR							8832			14:20		VYD			KOMBI		8832		16:35		VYD		8807	
8833	16:00		EMR		91135	91115	BYI	ATC		8834			15:20		VYD			8844		8834		17:35		VYD		8809	
8835	17:00		EMR							8836			16:20		RCB			8822		8836		18:35		RCB		8835	
8837	18:00		EMR		91511	81105	GHM	WAL		8838		8823	17:20	PBT	BLG			KOMBI		8838		19:35		VYD		8813	
8839	19:00		VYD		91943		VYF			8816		KOMBI	17:30		VYD			8840		8840		20:35		VYD		KOMBI	
8841	20:00		EMR							KOMBI			18:20		VYD			8802		8842		21:35		RCB		8841	
8843	21:00		EMR		95903	95199	PSH	TIT		8844			19:20		VYD			8804		8844		22:35		VYD		8819	
8845	22:00		EMR							8846		8829	20:20		RCB			8830		8846		23:35		VYD		KOMBI	
8847	23:00		EMR							8800		KOMBI	20:30		VYD											8846	
KOMBI	23:00		EMR							8840			21:20		VYD					8831						8808	
												8833	22:20		VYD											8810	
													23:20		RCB											8836	

Coal Export trains from Vryheid to Ermelo with Vryheid personnel					
Train Number	Planned crews	Actual crews	Schedule Departure	Actual Departure	Return train
8842	VYD		03:02		8819
8816	VYD		14:02		8839
Remarks					

Richards Bay Omruil Drivers			
02:00		11:00	21:00
04:00		15:00	
07:00		17:00	

Date:

2009/03/31

ERMELO											VRYHEID								RICHARDS BAY								
Train Number	Schedule Departure	Actual Departure	Planned crews	Actual crews	Planned loads	Planned mines	Actual Loads	Reason for load change	Planned return train	Actual return train	Planned Train Number	Schedule Departure	Planned mines	Actual Departure	Planned crews	Actual crews	Actual train	Planned return train	Actual return train	Planned Train Number	Actual train	Schedule Departure	Actual Departure	Planned crews	Actual crews	Planned return train	Actual return train
8801	00:00		EMR		97199	95941	UIT	KOY		8802		8837	00:20		VYD			8814		8800		00:35		RCB		8847	
8803	01:00		EMR		97117	87599	OUT	GGK		8804		8839	01:20		VYD			KOMBI		8802		01:35		VYD		8825	
8805	02:00		EMR							8806			02:20		RCB			8842		8804		02:05		VYD		8827	
8807	03:00		EMR		97953	87545	LDY	SBK		8808		8843	03:20		VYD			8814		8806		03:35		RCB		8805	
8809	04:00		EMR		87539	87539	BSX	BSX		8810			04:20		VYD			KOMBI		8808		04:35		VYD		8831	
8811	05:00		EMR							8812			05:20		RCB			8800		8810		05:35		VYD		8833	
8813	06:00		EMR		97711	98543	GHM	VYF		8814		8801	06:20		VYD			8826		8812		06:35		RCB		8811	
8815	06:30		EMR		98935	89199	BYI	UML		KOMBI		KOMBI	06:30		VYD			8818		8814		07:35		VYD		8837	
8817	08:00		EMR							8818		8803	07:20		VYD			8828		8816		08:35		RCB		8815	
8819	09:00		VYD		91153		LDY			8842			08:20		RCB			8806		8818		09:35		VYD		KOMBI	
8821	10:00		EMR		99315	89599	ATC	DRV		8822		8807	09:20		VYD			8832		8820		10:35		VYD		8843	
8823	11:00		EMR							8824		KOMBI	09:30		VYD			8824		8822		11:35		RCB		8821	
8825	12:00		EMR		91553	90703	LDY	PSH		8826		8809	10:20		VYD			8834		8824		12:35		VYD		KOMBI	
8827	13:00		EMR		91749	91915	RSY	ATC		8828			11:20		RCB			8812		8826		13:35		VYD		8801	

KOMBI	13:00		EMR								8820		8813	12:20					VYD			8838		8828		14:35		VYD		8803	
8829	14:00		EMR								8830		8815	12:50					RCB			8816		8830		15:35		RCB		8829	
8831	15:00		EMR		32999	93121	TIT	SRW			8832			14:20					VYD			KOMBI		8832		16:35		VYD		8807	
8833	16:00		EMR								8834		8819	15:20					VYD			8844		8834		17:35		VYD		8809	
8835	17:00		EMR								8836		8821	16:20					RCB			8822		8836		18:35		RCB		8835	
8837	18:00		EMR								8838			17:20					VYD			KOMBI		8838		19:35		VYD		8813	
8839	19:00		VYD		93711	94553	GHM	LDY			8816		KOMBI	17:30					VYD			8840		8840		20:35		VYD		KOMBI	
8841	20:00		EMR								KOMBI			18:20					VYD			8802		8842		21:35		RCB		8841	
8843	21:00		EMR		95541	95137	KOY	MED			8844		8827	19:20					VYD			8804		8844		22:35		VYD		8819	
8845	22:00		EMR		96715	85999	ATC	VST			8846			20:20					RCB			8830		8846		23:35		VYD		KOMBI	
8847	23:00		EMR								8800			20:30					VYD			KOMBI									8846
KOMBI	23:00		EMR								8840		8831	21:20					VYD											8808	
														22:20					VYD											8810	
														23:20					RCB											8836	

Coal Export trains from Vryheid to Ermelo with Vryheid personnel						
Train Number	Planned crews	Actual crews	Schedule Departure			Return train
8842	VYD		03:02			8819
8816	VYD		14:02			8839
Remarks						

Richards Bay Omruil Drivers			
02:00		11:00	21:00
04:00		15:00	
07:00		17:00	

Week tonnages scheduled / planned departure from VHD									Total tonnages planned daily	Daily Tempo for the week	Total Ermelo Trains per day	Total Trains per day
Day	Date	Ermelo mines			Natal	Panbult						
		Jumbos	Jumbos as Smalls	Smalls	Smalls	Jumbos	Jumbos as Smalls	Smalls				
Mon	30/03/09	8	3	1	1	1	0	0	100,800	34,876,800	12	14
Tue	31/03/09	16	3	4	0	0	0	0	173,400	59,996,400	23	23
Wed	01/04/09	18	3	5	0	1	0	0	204,100	70,618,600	26	27
Thu	02/04/09	16	4	3	0	1	0	0	181,700	62,868,200	23	24
Fri	03/04/09	15	3	4	2	1	0	0	179,200	62,003,200	22	25
Sat	04/04/09	16	4	6	0	0	0	0	190,800	66,016,800	26	26
Sun	05/04/09	19	4	3	0	0	0	0	198,300	68,611,800	26	26

Daily tonnages planned to mines	2009/03/30	66,400	17,400	5,800	2,900	8,300	0	0
	2009/03/31	132,800	17,400	23,200	0	0	0	0
	2009/04/01	149,400	17,400	29,000	0	8,300	0	0
	2009/04/02	132,800	23,200	17,400	0	8,300	0	0
	2009/04/03	124,500	17,400	23,200	5,800	8,300	0	0
	2009/04/04	132,800	23,200	34,800	0	0	0	0
	2009/04/05	157,700	23,200	17,400	0	0	0	0

Total trains for the week	165
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Total tonnages planned for the week departure from VHD	1,228,300
Total tempo planned for the week	63.87

Schedule to be shown on tempo

60.71 Mt/a

Week tonnages scheduled / planned departure from EML									Total tonnages planned daily	Daily Tempo for the week	Total Ermelo Trains per day	Total Trains per day
Day	Date	Ermelo mines			Natal	Panbult						
		Jumbos	Jumbos as Smalls	Smalls	Smalls	Jumbos	Jumbos as Smalls	Smalls				
Mon	30/03/09	8	2	0	0	0	0	0	78,000	26,988,000	10	10
Tue	31/03/09	18	2	5	0	0	0	0	190,000	65,740,000	25	25
Wed	01/04/09	14	5	5	0	0	0	0	174,200	60,273,200	24	24
Thu	02/04/09	18	2	4	0	0	0	0	184,200	63,733,200	24	24
Fri	03/04/09	16	5	4	0	0	0	0	185,000	64,010,000	25	25
Sat	04/04/09	16	3	5	0	0	0	0	179,200	62,003,200	24	24
Sun	05/04/09	19	3	3	0	0	0	0	192,500	66,605,000	25	25

Daily tonnages planned to mines	2009/03/30	66,400	11,600	0	0	0	0	0
	2009/03/31	149,400	11,600	29,000	0	0	0	0
	2009/04/01	116,200	29,000	29,000	0	0	0	0
	2009/04/02	149,400	11,600	23,200	0	0	0	0
	2009/04/03	132,800	29,000	23,200	0	0	0	0
	2009/04/04	132,800	17,400	29,000	0	0	0	0
	2009/04/05	157,700	17,400	17,400	0	0	0	0

Total trains for the week	157
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Total tonnages planned for the week departure from EML	1,183,100
Total tempo planned for the week	61.52

Schedule to be shown on tempo

58.48 Mt/a

Week tonnages scheduled / planned arrive at RBCT									Total tonnages planned daily	Daily Tempo for the week	Total Ermelo Trains per day	Total Trains per day
Day	Date	Ermelo mines			Natal	Panbult						
		Jumbos	Jumbos as Smalls	Smalls	Smalls	Jumbos	Jumbos as Smalls	Smalls				
Mon	30/03/09	8	3	2	1	1	0	0	106,600	36,883,600	13	15
Tue	31/03/09	18	2	4	0	0	0	0	184,200	63,733,200	24	24
Wed	01/04/09	17	3	5	0	1	0	0	195,800	67,746,800	25	26
Thu	02/04/09	16	5	3	0	1	0	0	187,500	64,875,000	24	25
Fri	03/04/09	17	3	4	2	1	0	0	195,800	67,746,800	24	27
Sat	04/04/09	16	4	6	0	0	0	0	190,800	66,016,800	26	26
Sun	05/04/09	17	4	3	0	0	0	0	181,700	62,868,200	24	24

Daily tonnages planned to mines	2009/03/30	66,400	17,400	11,600	2,900	8,300	0	0
	2009/03/31	149,400	11,600	23,200	0	0	0	0
	2009/04/01	141,100	17,400	29,000	0	8,300	0	0
	2009/04/02	132,800	29,000	17,400	0	8,300	0	0
	2009/04/03	141,100	17,400	23,200	5,800	8,300	0	0
	2009/04/04	132,800	23,200	34,800	0	0	0	0
	2009/04/05	141,100	23,200	17,400	0	0	0	0

Total trains for the week	167
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Total tonnages planned for the week arrive at RBCT	1,242,400
Total tempo planned for the week	64.60

Schedule to be shown on tempo

61.41 Mt/a

Week tonnages scheduled / planned dept from mines									Total tonnages planned daily	Daily Tempo for the week	Total Ermelo Trains per day	Total Trains per day
Day	Date	Ermelo mines			Natal	Panbult						
		Jumbos	Jumbos as Smalls	Smalls	Smalls	Jumbos	Jumbos as Smalls	Smalls				
Mon	30/03/09	14	2	2	5	1	0	0	173,800	60,134,800	18	24
Tue	31/03/09	14	4	4	0	1	0	0	170,900	59,131,400	22	23
Wed	01/04/09	17	5	2	0	1	0	0	190,000	65,740,000	24	25
Thu	02/04/09	16	3	4	2	1	0	0	187,500	64,875,000	23	26
Fri	03/04/09	15	3	6	0	0	0	0	176,700	61,138,200	24	24
Sat	04/04/09	19	4	3	0	0	0	0	198,300	68,611,800	26	26
Sun	05/04/09	14	1	4	0	0	0	0	145,200	50,239,200	19	19

Daily tonnages planned to mines	2009/03/30	116,200	11,600	11,600	26,100	8,300	0	0
	2009/03/31	116,200	23,200	23,200	0	8,300	0	0
	2009/04/01	141,100	29,000	11,600	0	8,300	0	0
	2009/04/02	132,800	17,400	23,200	5,800	8,300	0	0
	2009/04/03	124,500	17,400	34,800	0	0	0	0
	2009/04/04	157,700	23,200	17,400	0	0	0	0
	2009/04/05	116,200	5,800	23,200	0	0	0	0

Total trains for the week	167
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Total tonnages planned for the week from the mines	1,242,400
Total tempo planned for the week	64.60

Schedule to be shown on tempo

61.41 Mt/a

TRANSNET ITP: Integrated Train Plan (Depot)



VRYHEID AIR BRAKE LOCO

Friday, 20 March, 2009

Cat	Trno(6)	Trn no	From	To	ETD	Loko	Qty	Load	Remark	YQ	Cat	Trno(6)	Trn no	From	To	ETD	Loko	Qty	Load	Remark	YQ
A	008808	008808	RBH	VHO	04:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008831	008831	VHO	RBH	21:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	05:00			STANDBY	STANDBY	N											
A	008810	008810	RBH	VHO	05:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008833	008833	VHO	RBH	22:14			COAL EXP FOR STACKS		N
A	008820	008820	RBH	VHO	10:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008843	008843	VHO	RBH	03:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	11:00			STANDBY	STANDBY	N											
A	008822	008822	RBH	VHO	11:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008845	008845	VHO	RBH	04:14			COAL EXP FOR STACKS		N
A	008832	008832	RBH	VHO	16:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008807	008807	VHO	RBH	09:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	17:00			STANDBY	STANDBY	N											
A	008834	008834	RBH	VHO	17:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008809	008809	VHO	RBH	10:14			COAL EXP FOR STACKS		N
A	008844	008844	RBH	VHO	22:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008819	008819	VHO	RBH	15:14			COAL EXP FOR STACKS		N
A	008846	008846	RBH	VHO	23:00	11E	4	EMPTY- CCL1	VHO-R-TRIP	N	A	008821	008821	VHO	RBH	16:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	23:00			STANDBY	STANDBY	N											

Notices:

TRANSNET ITP: Integrated Train Plan (Depot)



RCB LOCO (2279)

Friday, 20 March, 2009

Cat	Trno(6)	Trn no	From	To	ETD	Loko	Qty	Load	Remark	YQ	Cat	Trno(6)	Trn no	From	To	ETD	Loko	Qty	Load	Remark	YQ
A	008802	008802	RBH	VHO	01:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008801	008801	VHO	RBH	06:14			COAL EXP FOR STACKS		N
A	008804	008804	RBH	VHO	02:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008803	008803	VHO	RBH	07:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	05:00			STANDBY	STANDBY	N											
A	008814	008814	RBH	VHO	07:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008813	008813	VHO	RBH	12:14			COAL EXP FOR STACKS		N
A	008816	008816	RBH	VHO	08:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008815	008815	VHO	RBH	13:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	11:00			STANDBY	STANDBY	N											
A	008826	008826	RBH	VHO	13:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008825	008825	VHO	RBH	18:14			COAL EXP FOR STACKS		N
A	008828	008828	RBH	VHO	14:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008827	008827	VHO	RBH	19:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	17:00			STANDBY	STANDBY	N											
A	008838	008838	RBH	VHO	19:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008837	008837	VHO	RBH	00:14			COAL EXP FOR STACKS		N
A	008840	008840	RBH	VHO	20:00	11E	4	EMPTY- CCL1	RBH-R-TRIP	N	A	008839	008839	VHO	RBH	01:14			COAL EXP FOR STACKS		N
	NotMTS	KOMBI	OPS	OPS	23:00			STANDBY	STANDBY	N											

Notices: