Laboratory:		NMI Sydney, Australia	
Date and hour of the beginning of measurements:		27/11/2003, MJD 52970	
Date and hour of the end of measurements:		25/01/2004, MJD 53029	
Re	ceiver setu	p informat	tion
	Local:	•	Portable: NML
• Maker:	NMI/Topcon		NMI/Topcon
• Type:	Topcon Euro-80		Euro-80 Dual Frequency
• Serial number:	8RQRKXT534		8R633IOLON4
• Receiver internal delay (GPS) :	46.5 ns (uncalibrated)		44.79 ns (uncalibrated)
• Receiver internal delay (GLO) :			
• Antenna cable identification:	TCDF-1		NML IF
Corresponding cable delay :	(75.9 ± 1.0) ns		(159.8 ± 1.0) ns
• UTC cable identification:	UTC(AUS) 9.1.02		APMP Portable
Corresponding cable delay :	(76.0 ± 1.0) ns		(85.9 ± 1.0) ns
Delay to local UTC :	(76.0 ± 1.0) ns		(85.9 ± 1.0) ns
• Receiver trigger level:	0.5V		0.5 V
• Coordinates reference frame:	ITRF93		ITRF2000 @ 18/12/2003
Latitude or X m	-4648200.298		-4648204.271
Longitude or Y m	2560484.03		2560477.026
Height or Z m	-3526505.358		-3526504.952
	• • • •	- f	
	Antenna 11	normation	
	Antenna II Local:	niormation	Portable:
• Maker:	Antenna II Local: Topcon		Portable: Topcon/Javad
• Maker: • Type:	Antenna II Local: Topcon Regant-1		Portable: Topcon/Javad MarAnt
 Maker: Type: Serial number: 	Antenna II Local: Topcon Regant-1 RA0122		Portable: Topcon/Javad MarAnt MAGGD #0191
 Maker: Type: Serial number: 	Antenna II Local: Topcon Regant-1 RA0122 ne antenna is ter	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised
 Maker: Type: Serial number: If the set temperature value : 	Antenna II Local: Topcon Regant-1 RA0122 ne antenna is ter	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —
 Maker: Type: Serial number: If the set temperature value : 	Antenna II Local: Topcon Regant-1 RA0122 ne antenna is ter Itenna cabl	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised — ion
 Maker: Type: Serial number: If the set temperature value : Ar Maker: 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —- ion Rojone
 Maker: Type: Serial number: If the set temperature value : Are Maker: Type: 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ten	nperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —- ion Rojone LMR400
 Maker: Type: Serial number: If the Set temperature value : Arring Maker: Type: Is it a phase stabilised cable: 	Antenna II Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —- ion Rojone LMR400 No
 Maker: Type: Serial number: If the set temperature value : Arric Maker: Type: Is it a phase stabilised cable: Length of cable outside the build 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —- ion Rojone LMR400 No 10m
 Maker: Type: Serial number: If the set temperature value : Arric Maker: Type: Is it a phase stabilised cable: Length of cable outside the build 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ling : General in	mperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised —- ion Rojone LMR400 No 10m
 Maker: Type: Serial number: If the set temperature value : Arrest temperature value : Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ling : General in	nperature stabi	Portable: Topcon/Javad MarAnt MAGGD #0191 lised — ion Rojone LMR400 No 10m 4ns
 Maker: Type: Serial number: If the Set temperature value : Arrice Arrice Arrises Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse Is the laboratory air conditioned: 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ten ntenna cabl ling : General in	mperature stabi	Portable:Topcon/JavadMarAntMAGGD #0191lised—fionRojoneLMR400No10mSolutionYes
 Maker: Type: Serial number: If the Set temperature value : Arrice Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse Is the laboratory air conditioned: Set temperature value and uncertified of the set of	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ling : General in tainty :	mperature stabi	Portable:Topcon/JavadMarAntMAGGD #0191lised—IonRojoneLMR400No10m<
 Maker: Type: Serial number: If th Set temperature value : Ar Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse Is the laboratory air conditioned: Set temperature value and uncertair 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ling : General in tainty : nty :	nperature stabi	Portable:Topcon/JavadMarAntMAGGD #0191lised $$ IonRojoneLMR400No10m
 Maker: Type: Serial number: If the Set temperature value : Arrent Arrent Set temperature value : Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse Is the laboratory air conditioned: Set temperature value and uncertair Set humidity value and uncertair 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ling : General in tainty : tainty : Cable del	nperature stabi	Portable:Topcon/JavadMarAntMAGGD #0191lised $$ ionRojoneLMR400No10m
 Maker: Type: Serial number: If the Set temperature value : Arrice Maker: Type: Is it a phase stabilised cable: Length of cable outside the build Rise time of the local UTC pulse Is the laboratory air conditioned: Set temperature value and uncertair Set humidity value and uncertair Cable identification 	Antenna in Local: Topcon Regant-1 RA0122 ne antenna is ter ntenna cabl ding : General in tainty : tainty : Cable del delay measu	mperature stabi	Portable:Topcon/JavadMarAntMAGGD #0191lised—IonRojoneLMR400No10m $\leq 4ns$ Yes $(20 \pm 2) \ ^{\circ}C$ $(50 \pm 10) \ \%$ delay measured by local method

BIPM GPS calibration information sheet



