BIPM GPS calibration information sheet

Laboratory:	NRLM
Date and hour of the beginning of measurements:	28 Jan. 2000(MJD=51571) 4:00(UTC)
Date and hour of the end of measurements:	21 Feb. 2000(MJD=51595) 0:00(UTC)

Receiver setup information

	Local:	Portable: NML
• Maker:	Allen-Osborne	Allen-Osborne
• Type:	TTR6	TTR6
• Serial number:	457	467
• Receiver internal delay (GPS) :	64 ns	68 ns
• Receiver internal delay (GLO) :		
• Antenna cable identification:	None	NML IF
Corresponding cable delay :	250 ns	234.5 ns ± 0.5 ns
• UTC cable identification:		
Corresponding cable delay :	89 ns	0 ns
Delay to local UTC :	0 ns	0 ns
• Receiver trigger level:		
• Coordinates reference frame:	WGS84	WGS84
Latitude:	36 03 35.2000	36 03 35.2000
Longitude:	140 08 07.2300	140 08 07.2300
Height:	73.8 m	73.8 m

Antenna information

	Local:	Portable:
• Maker:	Allen Osborne	Allen Osborne
• Type:	TTR6	TTR6
• Serial number:		572
If the antenna is temperature stabilised		
• Set temperature value :		

Antenna cable information

• Maker:	Fujikura
• Type:	5D2W
• Is it a phase stabilised cable:	No
• Length of cable outside the building :	~1 m

General information

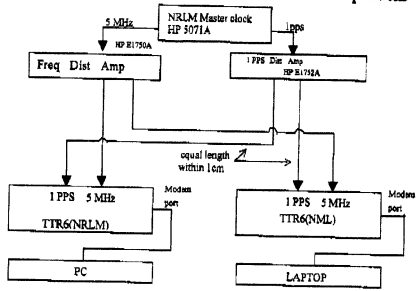
• Rise time of the local UTC pulse:	< 5 ns
• Is the laboratory air conditioned:	Yes
• Set temperature value and uncertainty :	23 ± 1℃
• Set humidity value and uncertainty :	50 ± 5 %

Cable delay control

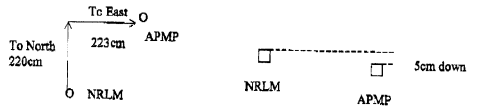
Cable identification	delay measured by NML	delay measured by local method
NML-IF Antenna cable	234.5 ns ± 0.5 ns	

Plot of the experiment set-up:

Link to the local UTC of both receivers and Antenna positions



Antenna positions:



Description of the local method of cable delay measurement:

The cable delay of our local system was decided so that the measured value might be the same as that measured by the former system (Trimble 5000A). We did not measure it directly.