

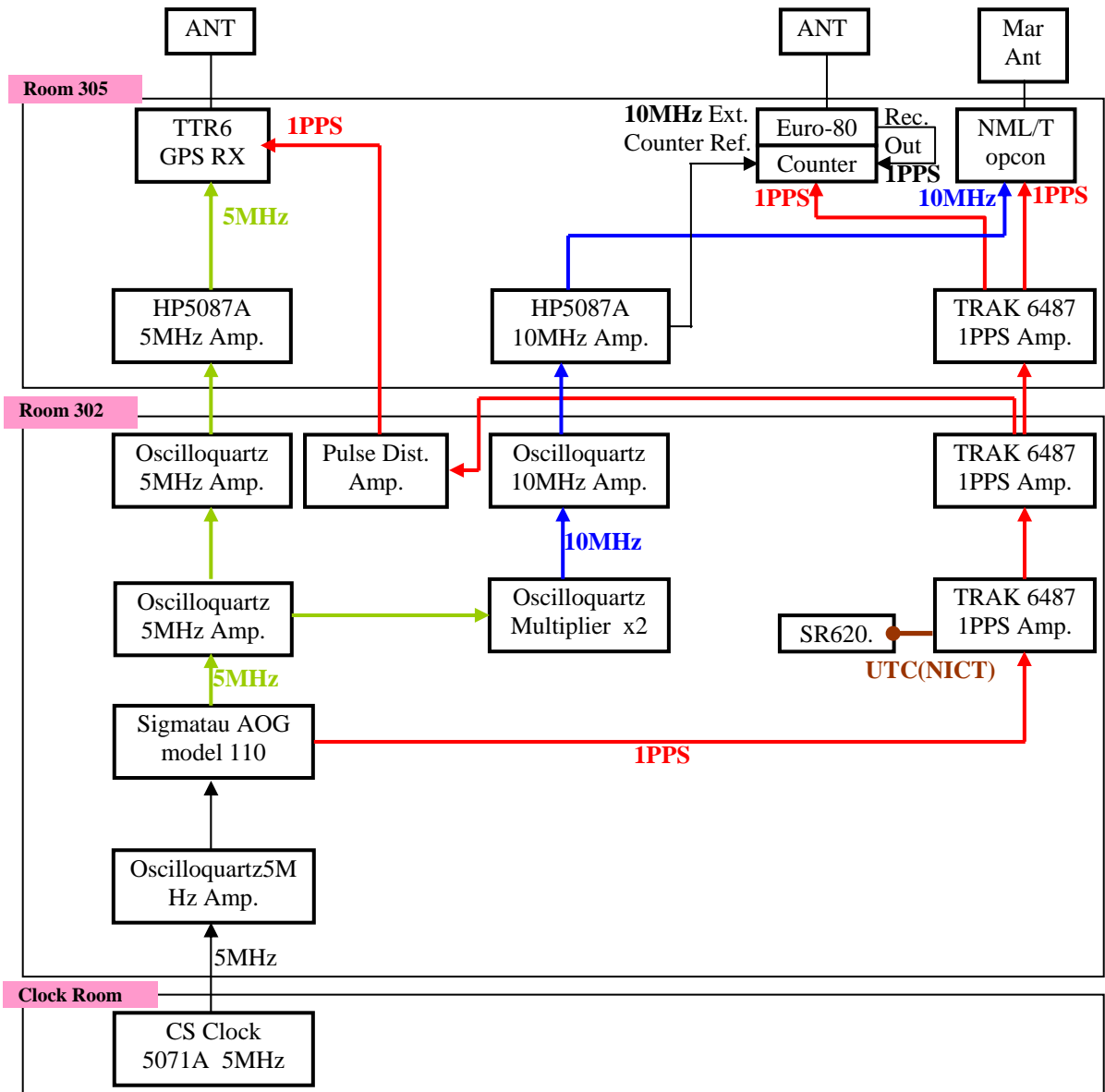
# ANNEX 2

## BIPM GPS calibration information sheet

Laboratory:		NICT TOKYO JAPAN			
Date and hour of the beginning of measurements:		17 May 2004 (MJD 53142) UTC:01hxxmxxs			
Date and hour of the end of measurements:		24 May 2004 (MJD 53149) UTC:01h30mxxs			
Receiver setup information					
		<b>Local: TTR6</b>		<b>Local:E-80</b>	<b>Portable: NML</b>
• Maker:	AOA			Javad	NML/Topcon
• Type:	TTR-6			Euro-80	Euro-80 Dual Frequency
• Serial number:	451			8PN45EETDKW	8R633IOLON4
• Receiver internal delay (GPS) :	44.8ns			47.2ns	44.79ns
• Receiver internal delay (GLO) :	-			-	-
• Antenna cable identification:	TTR6(219.6ns)			E80	NML IF
Corresponding cable delay :	250.0ns			152.15ns	(159.8 ± 1.0) ns
• UTC cable identification:	GPS G			UTC(NICT)1pps C3	UTC(NICT)1pps JRC#2
Corresponding cable delay :					
Delay to local UTC :	Header Value	316.1ns		344.123ns	85.64ns
	Meas. Value	306.43ns		344.123ns	319.97ns
• Receiver trigger level:	0.5V			0.4V	0.5 V
• Coordinates reference frame:	WGS-84			WGS-84	WGS-84
Latitude or X m	-3942161.90m			-3942164.215m	-4648204.271m
Longitude or Y m	3368284.20m			3368281.976m	+2560477.026m
Height or Z m	3701886.69m			3701887.149m	-3526504.952m
Antenna information					
		<b>Local: TTR6</b>		<b>Local:E80</b>	<b>Portable:</b>
• Maker:	AOA			Javad	Topcon/Japad
• Type:				RegAnt 1,	MarAnt
• Serial number:	Down Converter S/N449			S/N RA0238	MAGGD #0191
If the antenna is temperature stabilised					
• Set temperature value :					-
Local antenna cable information					
• Maker:			Times Microwave-systems	NML IF	
• Type:	RG58AU			LMR-400 DB	
• Is it a phase stabilised cable:	No	No	No		
• Length of cable outside the building :	Approx. 18 m			Approx. 18 m	Approx. 18 m
General information					
• Rise time of the local UTC pulse:	4.7ns(10%-90%)pulse height 4.59v DC				
• Is the laboratory air conditioned:	YES				
• Set temperature value and uncertainty :	GPS RX Room 23°C ± 2°C				
• Set humidity value and uncertainty :	N/A				
Cable delay control					
Cable identification	delay measured by NML		Delay measured by local method		
NML-IF Antenna cable	(159.8 ± 1.0) ns				

## Plot of the experiment set-up:

Link to the local UTC of both receivers and Antenna positions



## Description of the local method of cable delay measurement:

