

Set-up at PTB May-June 2003

ITRF 97

	X	Y	Z	1PPS DA to 1PPS in	Meas 3.1 / ns	Meas 3.2 / ns	Ant. Cable / ns
BIPC	x	y	z	27.6 XP = 27.6 ns	11.4 (10.6 to 12.8) Int ref - 1PPSin (XO) = 27.3 ns (3.1: 27.2; 3.2: 27.5)	29.9 (29.0 to 30.8)	XC = 237.6 ns; XD = 0.0 ns (short base only) Short base: XC+XD = 237.6 ns
PTBB	x	y	z	30.0 ns XP = 30.0 ns	8.2 (8.0 to 8.6) Int ref - 1PPSin (XO) = 24.0 ns	Not available	Short base: XC = 301.7 ns; XD=0 Short base: XC+XD = 301.7 ns

Observations

Short baseline: doy 139-155 (19 May- 4 June 2003) 1-day gap

Measurement results

26/06/2003 (G. Petit) via R2CGGTTTS

Short baseline: from Doy 139-155

Delta (-XP-XO+XR1+XC+XD+XS1) (PTBB - BIPC) = +64.4 ns

Delta (-XP-XO+XR2+XC+XD+XS2) (PTBB - BIPC) = +62.4 ns

Calibration results

30/06/2003 (G. Petit)

Short baseline

BIPC: -XP-XO+XR1+XC+XD+XS1 = 488.3 ns

BIPC: -XP-XO+XR2+XC+XD+XS2 = 504.6 ns

PTBB: -XP-XO+XC+XD = 247.7 ns

Therefore

PTBB: XR1+XS1 = 305.0 ns

PTBB: XR2+XS2 = 319.3 ns