

## Set-up at BNM/SYRTE June 2004

### ITRF 97

	x	y	z	Maser-1PPS	Meas 3.1 / ns	Meas 3.2 / ns	Ant. Cable / ns
BIPC				17 XP = 17.0 ns	5.2 (5.07/5.26 ns) Int ref - 1PPSin (XO) = 21.0 ns (3.1)	26.2 (26.06/26.27) XC+XD = 235.9 ns	235.9
OPMT				32.7 (Cable 4) XP = 32.7 ns	20.5 (20.43/20.53) Int ref - 1PPSin (XO) = 36.3 ns (3.1)	40.4 (40.13/40.63) XC=151.7 (including Novatel splitter); XD=4.2 (Cable 2)+0.7 Short baseline: XC+XD = 156.6 ns	
OPM2				39.2 (Cable 5) XP = 39.2 ns	12.6 (12.53/12.63) Int ref - 1PPSin (XO) = 28.4 ns	N/A XC=151.7 (including Novatel splitter); XD=5.3 (Cable 3)+0.7 Short baseline: XC+XD = 157.7 ns	

## Observations

Short baseline: 53164-53170 doy 160-166 (8-14 June 2004)

## Measurement results

14/06/2004 for OPMT; 10/02/2005 for OPM2 (L. Tisserand)

Short baseline: from MJD 53164-53170

Delta (-XP-XO+XR1+XC+XD+XS1) (OPMT - BIPC) = -101.5 ns  
Delta (-XP-XO+XR2+XC+XD+XS2) (OPMT - BIPC) = -105.8 ns

Delta (-XP-XO+XR1+XC+XD+XS1) (OPM2 - BIPC) = -105.2 ns  
Delta (-XP-XO+XR2+XC+XD+XS2) (OPM2 - BIPC) = -106.4 ns

## Calibration results

15/02/2005 (G. Petit)

Short baseline

BIPC: -XP-XO+XR1+XC+XD+XS1 = 503.5 ns

BIPC: -XP-XO+XR2+XC+XD+XS2 = 519.8 ns

OPMT: -XP-XO+XC+XD = 87.6 ns

OPM2: -XP-XO+XC+XD = 90.1 ns

**Therefore**

**OPMT: XR1+XS1 = 314.4 ns**

**OPMT: XR2+XS2 = 326.4 ns**

**OPM2: XR1+XS1 = 308.2 ns**

**OPM2: XR2+XS2 = 323.3 ns**