REPROCESSING OF THE HARTEBEESTHOEK 2014 CO-LOCATION SURVEY

J-M Muller[1,2], D. Pesce[2], X. Collilieux[3,4,2], Z. Altamimi[3,2]

[1] LASTIG, Université Gustave Eiffel, ENSG, IGN, F-94160 Saint-Mandé, France
[2] Institut national de l'information géographique et forestière (IGN), F-94160 Saint-Mandé, France.
[3] Université de Paris, Institut de physique du globe de Paris, CNRS, IGN, F-75005 Paris, France.
[4] ENSG-Géomatique, IGN, F-77455 Marne-la-Vallée, France.

SLR eccentricity

Comparaison of the estimated vector from the axis pseudo-intersection to the reference mark determined by the survey and the eccentricity provided by the International Laser Ranging Service (https://cddis.nasa.gov/archive/slr/slrocc/ecc_xyz_200420.snx)

	ΔX (m)	ΔY (m)	ΔZ (m)
From 2014 processing	2.5712	1.3416	-1.4096
From 2021 processing	2.5702	1.3406	-1.4102
From ecc_xyz.snx	2.5720	1.3420	-1.4120

Difference 2021 with ecc_xyz.snx (mm)		
1.8	1.4	-1.8

Tab.3 Eccentricities between MOBLAS axis telescope reference point and the reference mark