

ILRS QZS-1 update information

24-Feb-17
 QSS-EXT-2614
 ASE-QZSS_PRJ-EXT-2734
 ver.3

Official Transfer Date

28-Feb-17

QZS1 Mission Parameters

Item	Current mission parameters	Update mission parameters (from the official transfer date)	Remarks
Sponsor:	JAXA	Cabinet Office, Government of Japan	
Expected Life:	12 years	12 years	No change
Primary Applications:	Technology demonstration	Satellite navigation	
	Satellite navigation		
Primary SLR Applications:	Calibration of GPS orbits	Calibration of GPS orbits	No change
COSPAR ID:	1004501	1004501	No change
SIC Code:	1581	1581	No change
NORAD SSC Code:	37158	37158	No change
Launch Date:	11-Sep-10	11-Sep-10	No change
NP Bin Size:	5 minutes	5 minutes	No change
RRA Diameter:	1.6"	1.6"	No change
RRA Shape:	Planar	Planar	No change
Reflectors:	56 corner cubes	56 corner cubes	No change
Altitude:	32,000-40,000 km	32,000-40,000 km	No change
Inclination:	45 degrees	45 degrees	No change
Eccentricity:	0.099	0.075	

Additional Information

Item	Current mission parameters	Update mission parameters (from the official transfer date)	Remarks
Web sites	http://qz-vision.jaxa.jp/ http://global.jaxa.jp/projects/sat/qzss/index.html http://www.jaxa.jp/	http://qzss.go.jp/en/	
Publications	M. Sawabe, S. Nakamura, Request for QZS-1 SLR Tracking at Missions Working Group Meeting, 15th International Workshop on Laser Ranging, October 2006	None	
	Impact of SLR tracking on QZSS, JAXA publication, August 2009	None	

Contact Information

Item	Current contact information	Update contact information (from the official transfer date)	Remarks
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