

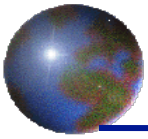
ASI AC&CC report



V. Luceri, M. Pirri
e-GEOS S.p.A., CGS – Matera



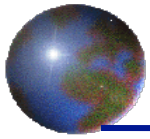
G. Bianco
Agenzia Spaziale Italiana, CGS - Matera



Main activities

- Official ILRS orbit delivery:
 - The combine products are weekly delivered starting from March 2016
 - All ACs are contributing to LAGEOS orbits.
 - DGFI and GFZ are not contributing to ETALON orbits
 - The quality assessment was presented at the AWG meeting in Matera





ILRS orbits at data centers

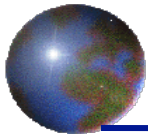
ftp://cddis.gsfc.nasa.gov/pub/slr/products/orbits/
ftp://edc.dgfi.tum.de/pub/slr/products/orbits/

The screenshot shows a web browser window with the address bar containing the URL `ftp://cddis.gsfc.nasa.gov/pub/slr/products/orbits/`. The browser interface includes a menu bar with options like 'File', 'Modifica', 'Visualizza', 'Cronologia', 'Segnalibri', 'Strumenti', and 'Aiuto'. Below the address bar, there are navigation buttons and a search field labeled 'Cerca'. The main content area displays the directory listing for the specified FTP path.

Indice di `ftp://cddis.gsfc.nasa.gov/pub/slr/products/orbits/`

[Vai alla cartella superiore](#)

Nome	Dimensione	Ultima modifica
00readme_4_orbits	2 KB	14/03/2016 11.42.00
README_AC.bkg	14 KB	01/03/2016 2.20.00
README_AC.esa	20 KB	16/03/2016 8.04.00
README_AC.gfz	13 KB	29/03/2016 5.05.00
README_AC.jcet	8 KB	06/04/2016 18.23.00
etalon1		18/04/2016 22.18.00
etalon2		18/04/2016 22.18.00
lageos1		18/04/2016 22.18.00
lageos2		18/04/2016 22.18.00



ILRS orbits summary from ASI CC

Report on the ILRS combination of orbit solutions
Centro di Geodesia Spaziale, Agenzia Spaziale Italiana, Matera, ITALY
File: ilrsa.orb.lageos2.160409.v35.sp3
Contact: cinzia.luceri@e-geos.it

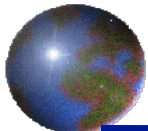
|=====|
| CONTRIBUTING SOLUTIONS |
|=====|

CHECKING SP3 FILES - AVAILABILITY

asi.orb.lageos2.160409.v35.sp3 available
bkg.orb.lageos2.160409.v35.sp3 available
dgfi.orb.lageos2.160409.v35.sp3 available
esa.orb.lageos2.160409.v35.sp3 available
gfz.orb.lageos2.160409.v35.sp3 available
grgs.orb.lageos2.160409.v35.sp3 available
jcet.orb.lageos2.160409.v35.sp3 available
nsgf.orb.lageos2.160409.v35.sp3 available

CHECK SP3 FILES - COMPLETENESS and FORMAT PROBLEMS

bkg lageos2 incorrect epochs (seconds)
dgfi lageos2 incorrect epoch: 2016 4 7 24



ILRS orbits summary from ASI CC

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ASI vs COMB for lageos2
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Lageos2: number of edited positions 0/5040
Lageos2: number of edited velocities 45/5040

STATISTICAL SUMMARY OF ORBIT DIFFERENCES

	POSITION DIFFERENCES (METERS)				VELOCITY DIFFERENCES (M/SEC)		
	RADIAL	CROSS TRACK	ALONG TRACK		RADIAL	CROSS TRACK	ALONG TRACK
MINIMUM	-0.0173	-0.1388	-0.0806	MINIMUM	-0.000026	-0.000098	-0.000022
MAXIMUM	0.0156	0.1415	0.0542	MAXIMUM	0.000041	0.000096	0.000026
MEAN	-0.0003	0.0010	-0.0057	MEAN	0.000002	0.000000	0.000001
RMS	0.0040	0.0416	0.0254	RMS	0.000011	0.000026	0.000009

COORDINATE SYSTEM ANALYSIS SUMMARY

SCALE AND ROTATION (ARCSEC) PARAMETERS

	VALUE	SIGMA
S	-0.00002451	0.00115814
X	0.00000594	0.00029505
Y	0.00009247	0.00029419
Z	-0.00012682	0.00028860

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COD vs COMB for lageos2
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Lageos2: number of edited positions 0/5040
