

Session 1

A Review of Station Performance and Data Throughput

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Station Qualification

- Begins Jan 1, 2004
- Requirements
 - **Data Quantity**
 - Within the past 12 months, **50 LAGEOS** passes within a **consecutive 3 month** period
 - **Data Quality**
 - **NP RMS: 1 cm**
 - **Short term stability: 4 cm**
 - **Percentage of Good Data: 80%**
 - **Operational Compliance**
 - **Completed Site Log**
 - **Collocated with GPS** (grace period July 1, 2004)

Station Qualification as of 3rd Quarter 2003

EUROLAS			NASA			WPLTN		
Location	CDP#	Status	Location	CDP#	Status	Location	CDP#	Status
Borowiec	7811	Operational	Arequipa	7403	Operational	Changchun	7237	Operational
Concepcion	7405	Operational	Greenbelt	7105	Operational	Koganei (CRL)	7308	Operational
Grasse (LLR)	7845	Operational	Haleakala	7210	Operational	Riyadh	7832	Operational
Graz	7839	Operational	Hartebeesthoek	7501	Operational	Shanghai	7837	Operational
Herstmonceux	7840	Operational	McDonald	7080	Operational	Yarragadee	7090	Operational
Matera (MLRO)	7941	Operational	Monument Peak	7110	Operational	Beijing	7249	Associate
Potsdam	7836	Operational	Tahiti	7124	Operational	BeijingA	7357	Associate
San Fernando	7824	Operational				Golosiiv	1824	Associate
Wetzell	8834	Operational				Katsively	1893	Associate
Zimmerwald	7810	Operational				Komsomolsk	1868	Associate
FTLRS at Chania	7830	Associate				Kunming	7820	Associate
Mendeleevo	1870	Associate				Lviv	1831	Associate
Metsahovi2	7806	Associate				Maidanak1	1864	Associate
Potsdam3	7841	Associate				Maidanak2	1863	Associate
Riga	1884	Associate				Simeiz	1873	Associate
Grasse	7835	Closed				Simosato	7838	Associate
						TROS at Urumqi	7355	Associate
						Wuhan	7231	Associate
						Mt. Stromlo	7849	Closed

Systems under Development		Operational
SLR2000 prototype, NASA		2004
Stromlo2, WPLTN		2004
Argentina, WPLTN		2004
GUTS - Japan, WPLTN		2004
Stafford(NRL), USA		
CTLRS-1, WPLTN		
Apache Point (LLR), USA		

Station Qualification

Location	CDP#	Status	LAGEOS		NP RMS	Bias Stability	% of Good NPs	Site Log	Collocated with GPS	Network
			Total	yes						
Borowiec	7811	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Concepcion	7405	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Grasse (LLR)	7845	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Graz	7839	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Herstimonceux	7840	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Matera (MLRO)	7941	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Potsdam	7836	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
San Fernando	7824	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Wetzell	8834	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Zimmerwald	7810	Operational	yes	yes	yes	yes	yes	yes	EUROLAS	
Grasse	7835	Closed	yes	N/A	N/A	N/A	yes	yes	EUROLAS	
FTLRS at Chania	7830	Associate	no	N/A	N/A	N/A	yes	yes	EUROLAS	
Mendeleevo	1870	Associate	no	N/A	N/A	N/A	yes	yes	EUROLAS	
Metsahovi2	7806	Associate	no	yes	yes	yes	yes	yes	EUROLAS	
Potsdam3	7841	Associate	no	yes	yes	yes	yes	yes	EUROLAS	
Riga	1884	Associate	no	yes	yes	yes	yes	yes	EUROLAS	
Arequipa	7403	Operational	yes	yes	yes	yes	yes	yes	NASA	
Greenbelt	7105	Operational	yes	yes	yes	yes	yes	yes	NASA	
Haleakala	7210	Operational	yes	yes	yes	yes	yes	yes	NASA	
Hartbeesthoek	7501	Operational	yes	yes	yes	yes	yes	yes	NASA	
McDonald	7080	Operational	yes	yes	yes	yes	yes	yes	NASA	
Monument Peak	7110	Operational	yes	yes	yes	yes	yes	yes	NASA	
Tahiti	7124	Operational	yes	yes	yes	yes	yes	yes	NASA	
Changchun	7237	Operational	yes	yes	yes	yes	yes	no	WPLTN	
Koganei (CRL)	7308	Operational	yes	yes	yes	yes	yes	yes	WPLTN	
Riyadh	7832	Operational	yes	yes	yes	yes	yes	no	WPLTN	
Shanghai	7837	Operational	yes	yes	yes	yes	yes	yes	WPLTN	
Yaragadee	7090	Operational	yes	yes	yes	yes	yes	yes	WPLTN	
Mt. Stromlo	7849	Closed	yes	N/A	N/A	N/A	yes	yes	WPLTN	
Beijing	7249	Associate	no	yes	N/A	N/A	yes	yes	WPLTN	
BeijingA	7357	Associate	no	yes	N/A	N/A	yes	yes	WPLTN	
Golosiiv	1824	Associate	no	no	N/A	N/A	yes	yes	WPLTN	
Katsively	1893	Associate	no	N/A	N/A	N/A	yes	no	WPLTN	
Komsomolsk	1868	Associate	no	N/A	N/A	N/A	no	no	WPLTN	
Kunming	7820	Associate	no	N/A	N/A	N/A	yes	yes	WPLTN	
Lviv	1831	Associate	no	N/A	N/A	N/A	yes	yes	WPLTN	
Maidanak1	1864	Associate	yes	no	no	yes	no	no	WPLTN	
Maidanak2	1863	Associate	yes	yes	yes	yes	no	no	WPLTN	
Simenz	1873	Associate	yes	no	no	no	yes	yes	WPLTN	
Simosato	7838	Associate	yes	yes	no	no	yes	yes	WPLTN	
Urumqi	7355	Associate	yes	no	no	yes	yes	yes	WPLTN	
Wuhan	7231	Associate	no	yes	N/A	N/A	yes	yes	WPLTN	

Station Qualification

LAGEOS Passes (2003 3rd Quarter)

