

New RINEX file monitoring at CODE

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New procedure

- **Perl routines** for reading the entire RINEX files and for writing extensive **meta-data files in XML format**
- **Evaluation and comparison** of the RINEX data prior to any preprocessing step, incomplete tracking and other irregularities or inconsistencies might be detected at an early stage
- Generation of **daily and monthly summaries**
- Possibility to **filter stations according to given properties** (e.g., equipment, satellite systems, observation types) for the processing

Daily updated summaries

- Daily updated GNSS specific summaries for all stations and satellites can be found at <ftp://ftp.unibe.ch/aiub/mgex>

See the README.TXT file for more details

- A webbased access to the XML files for individual requests is in preparation

EPN stations providing RINEX-3



	Receiver types	Program creating RNX	VERS	Satellite systems					
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5.0%	JAVAD TRE_G3TH DELTA	MAKERINEX 2.0.10850	3.02	G	R	E			
20.0%	LEICA GR10	GR10 V3.00	3.01	G	R	E			
10.0%	LEICA GR25	BNC 2.6	3.01	G	R	E			
20.0%	LEICA GR25	BNC 2.6	3.01	G	R	E		S	
5.0%	LEICA GR25	BNC 2.6	3.01	G	R				
5.0%	LEICA GR25	GR25 V2.62	3.01	G	R	E		S	
10.0%	LEICA GR25	GR25 V3.00	3.01	G	R	E			
10.0%	LEICA GRX1200GGPRO	BNC 2.4	3.00	G	R				
15.0%	TRIMBLE NETR9	NetR9 4.80	3.02	G	R	E	C	S	

Multitude of code and phase obs. types

- RINEX-3

50.0%	C1C		C2W	C2X	C5X	L1C		L2W	L2X	L5X
30.0%	C1C		C2S	C2W		C5Q	L1C	L2S	L2W	L5Q
10.0%	C1C		C2P			L1C		L2P		
5.0%	C1C		C2W		C5X	L1C		L2W		L5X
5.0%	C1C	C1W	C2W	C2X	C5X	L1C	L1W	L2W	L2X	L5X

- RINEX-2

90.0%	C1	C2		C5	L1	L2	L5
10.0%	C1	P2			L1	L2	

- The ambiguousness of the reported types in RINEX-2 is minimized in RINEX-3 but the selection of the optimal set of observables for the processing has become a challenging task

Completeness of daily observation files

