

GNSS observation file monitoring for SOFI

Last RINEX file: SOFI1970.25D.Z

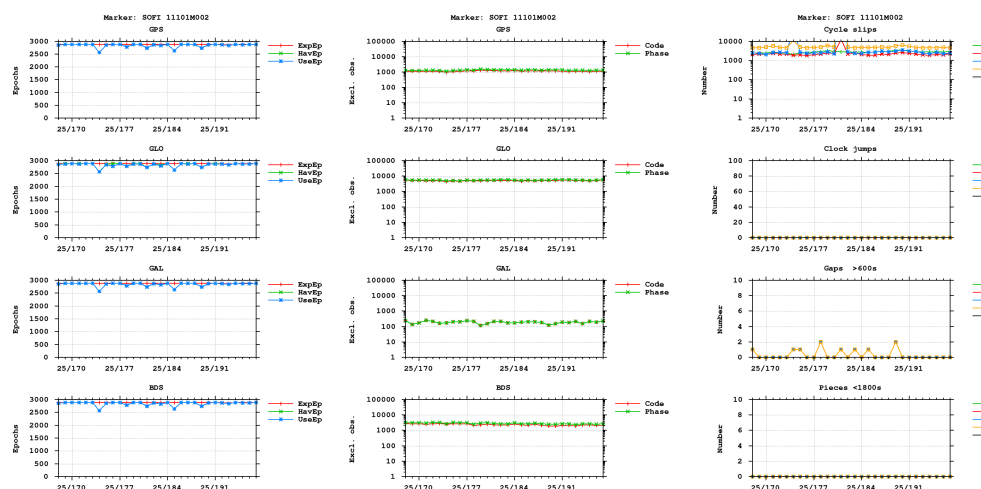
RINEX version: 3.05

Marker: SOFI 11101M002

Receiver: 1831025 LEICA GR50 4.82/7.900

Antenna: 09160008 LEIAR25.R3 LEIT

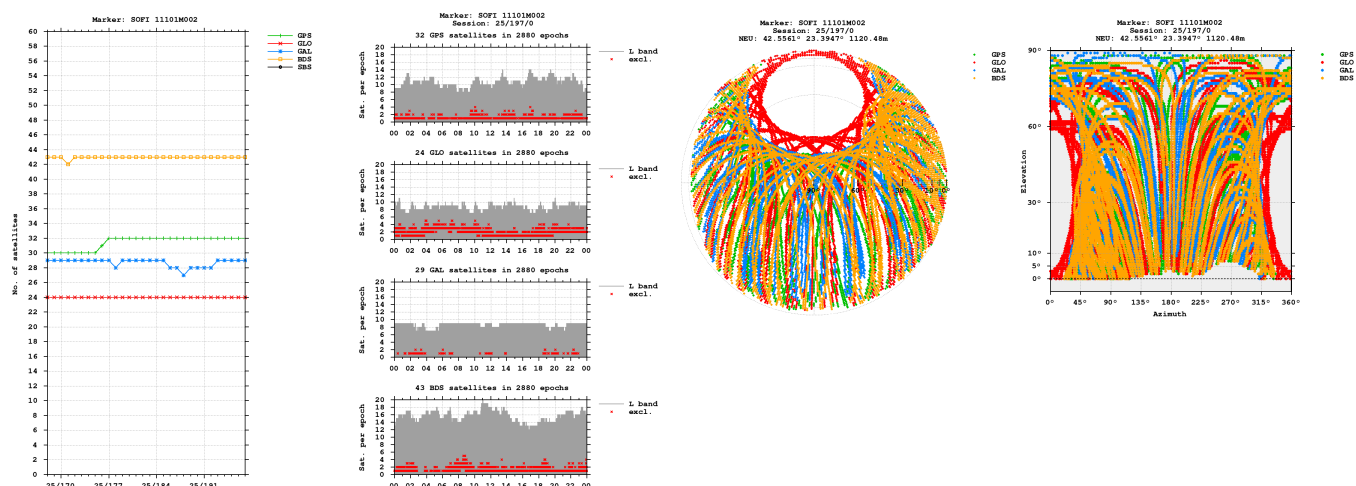
Epochs



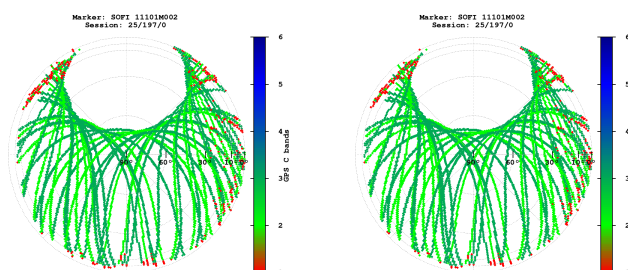
- "UseEp": The usable epoch is introduced if four or more satellites are observed with the minimum of two frequencies.

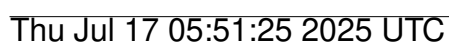
- Cycle slip detection algorithm is based on Melbourne-Wübbena and geometry-free LC.

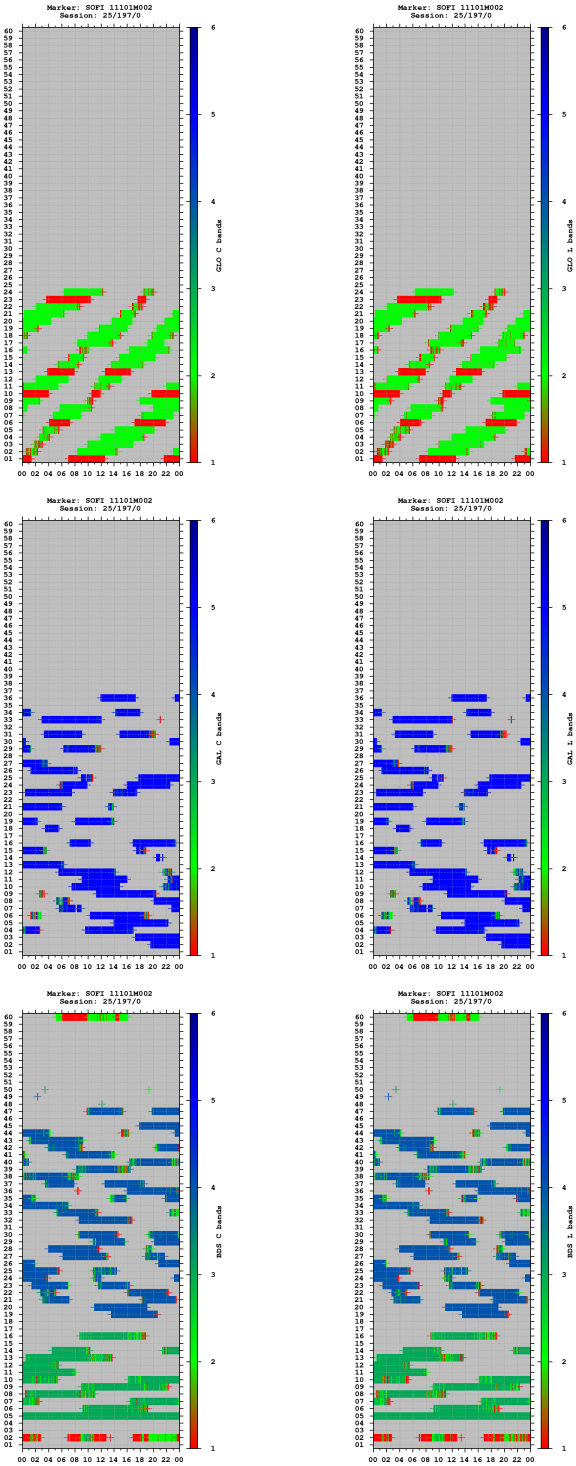
Satellites



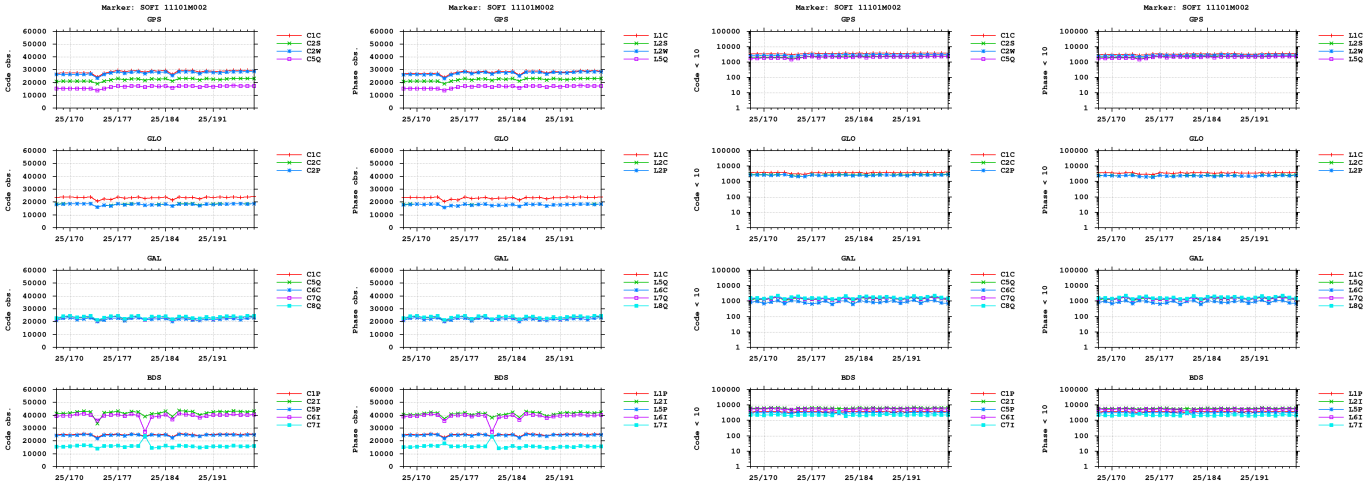
Bands

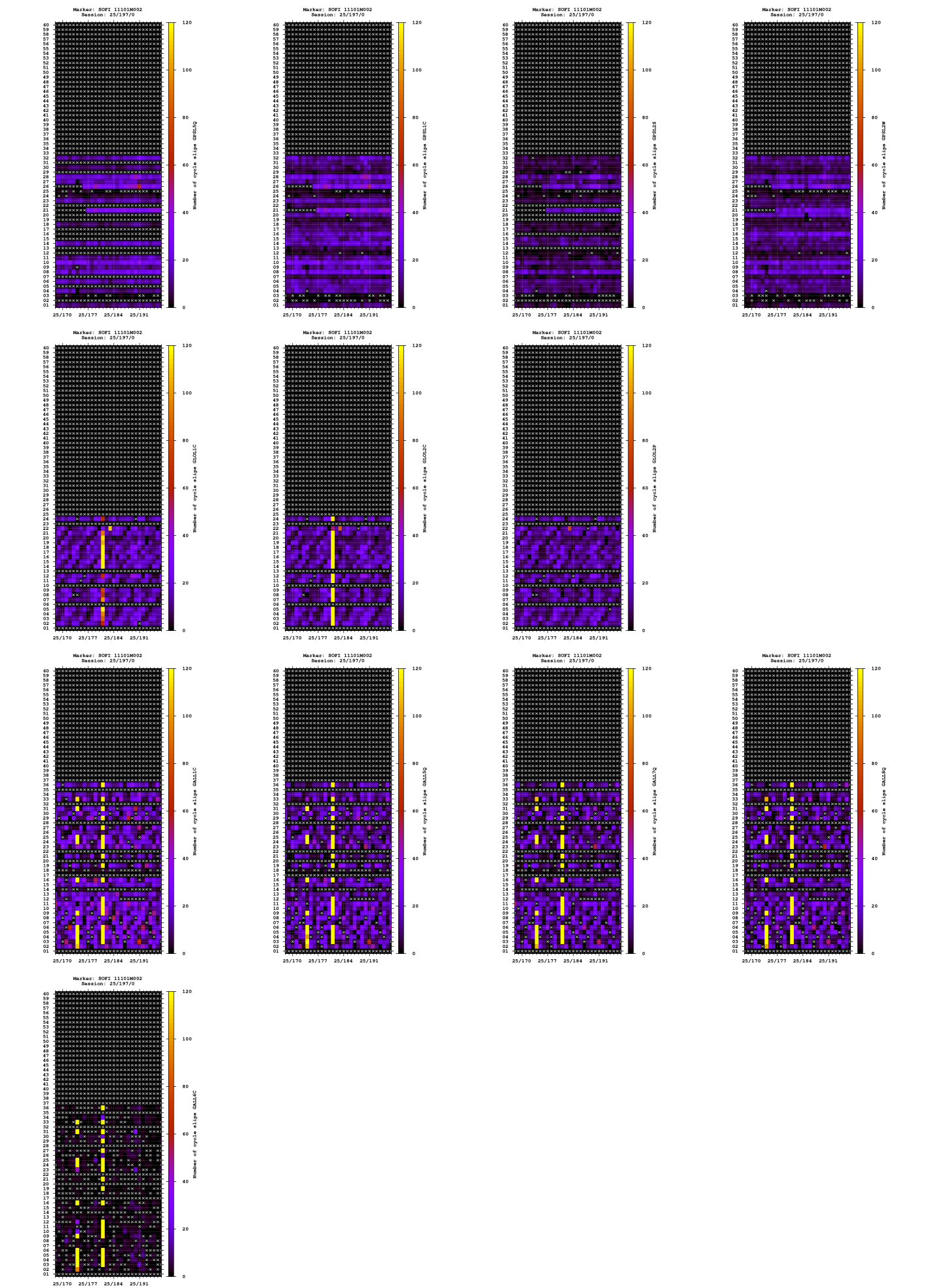


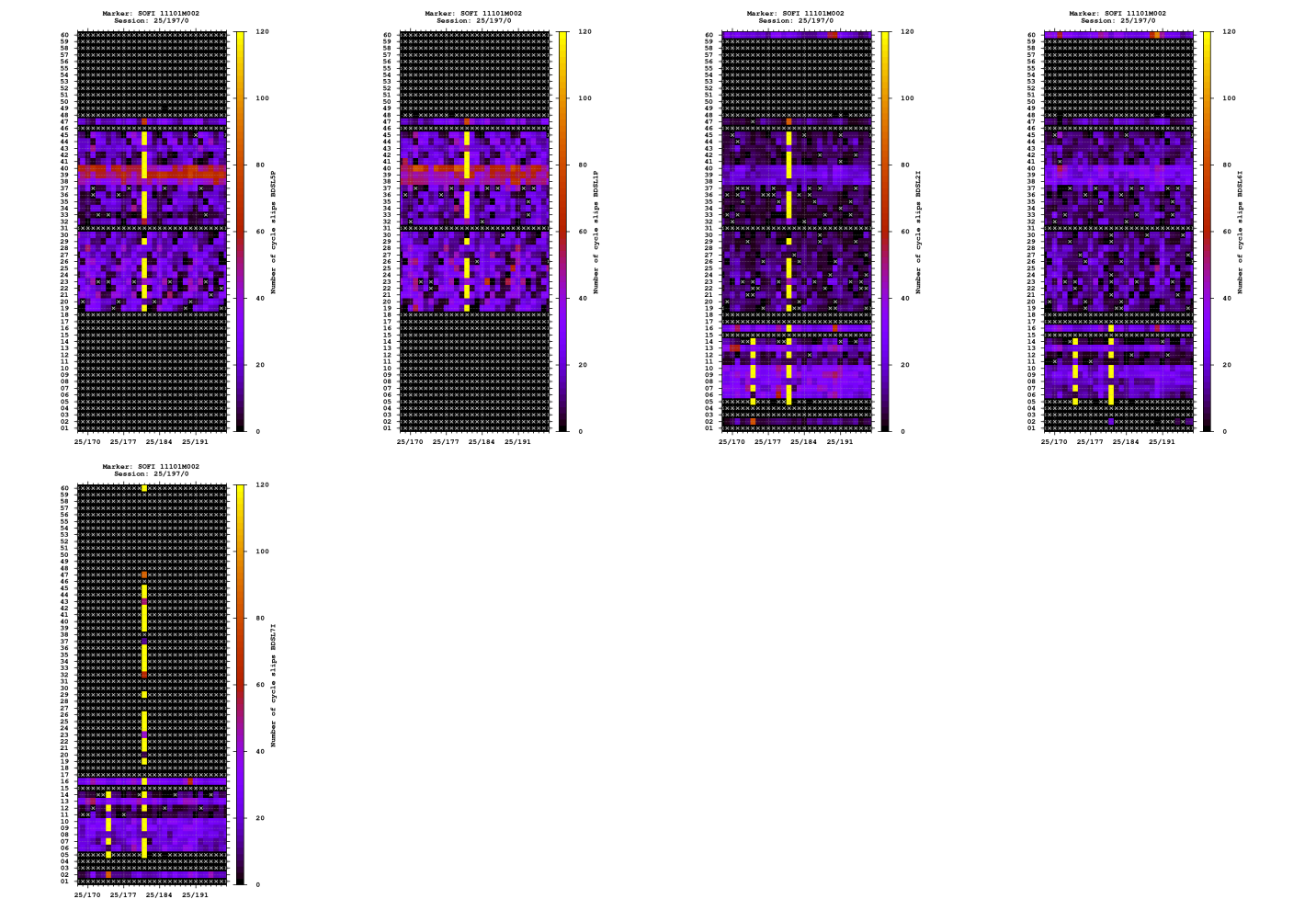




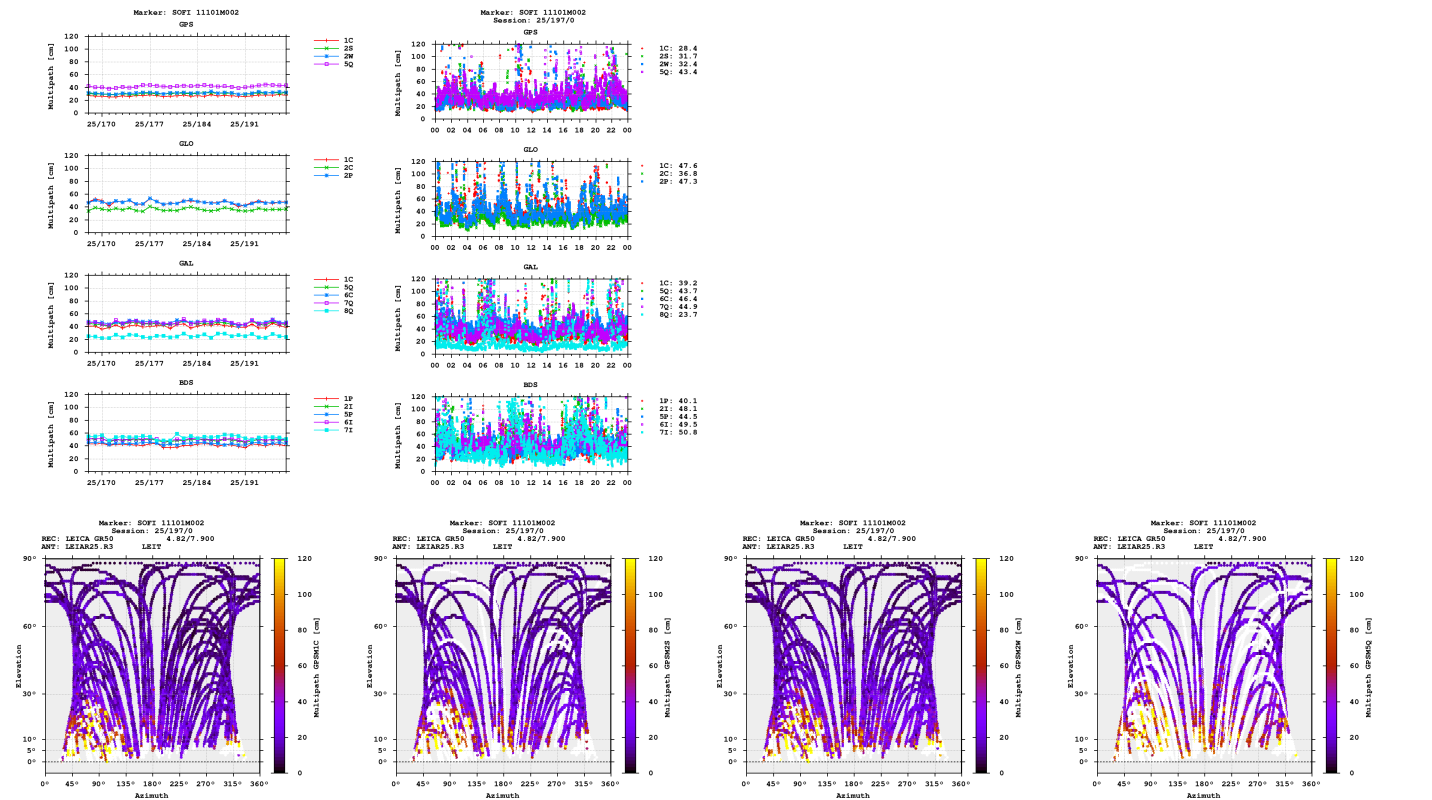
Observations

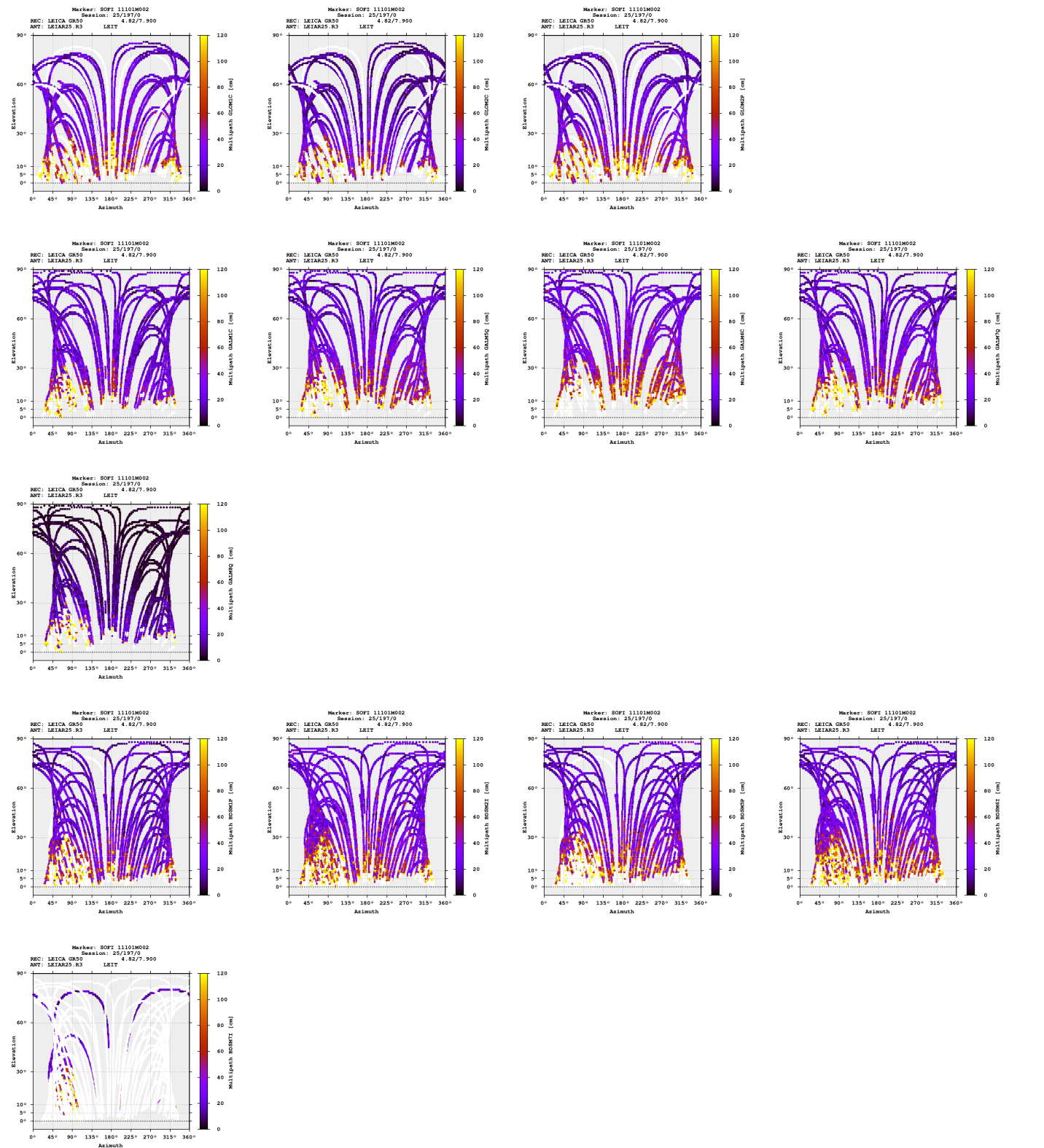


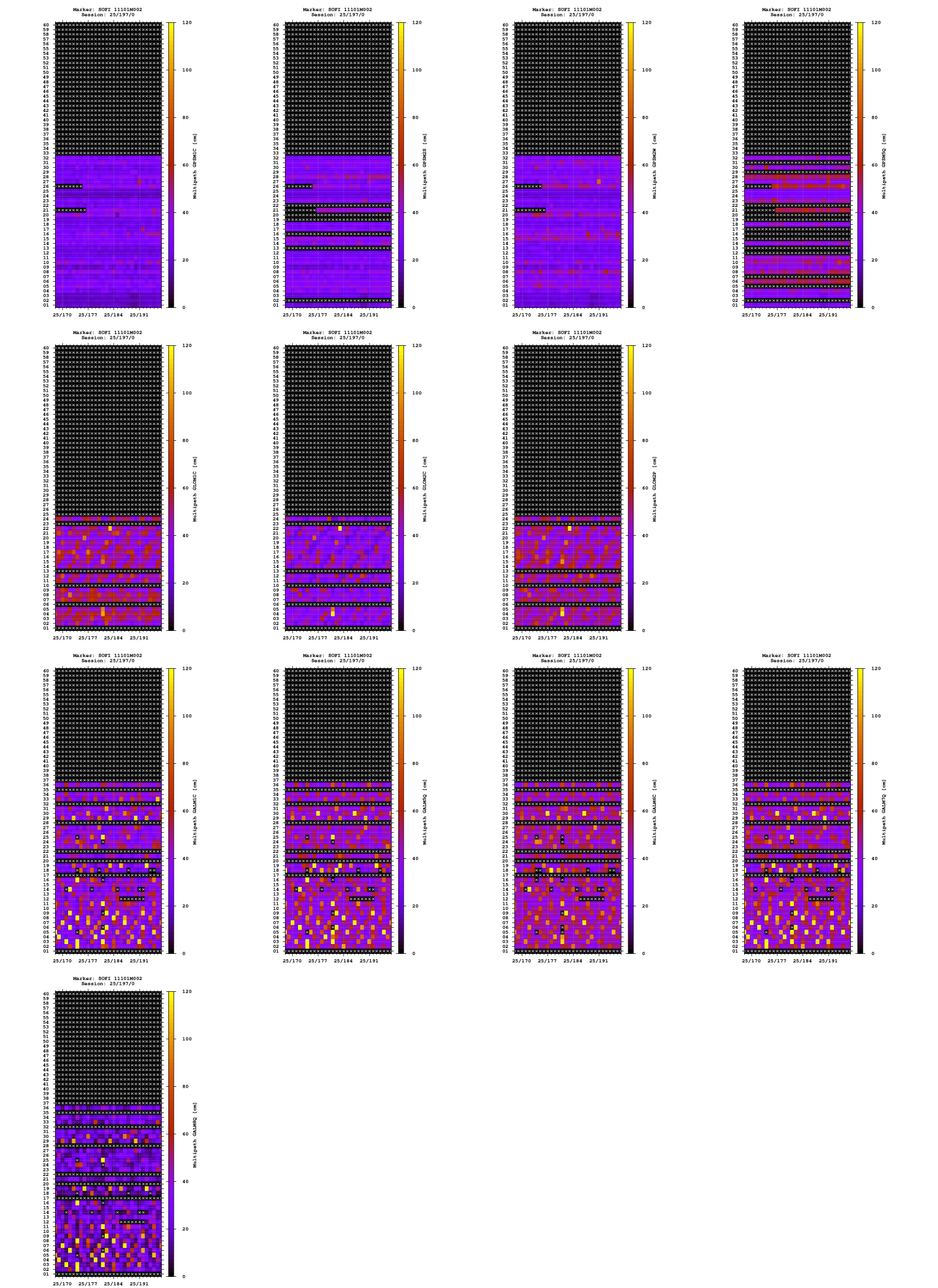




Multipath







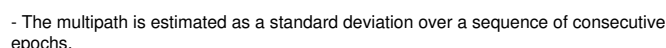
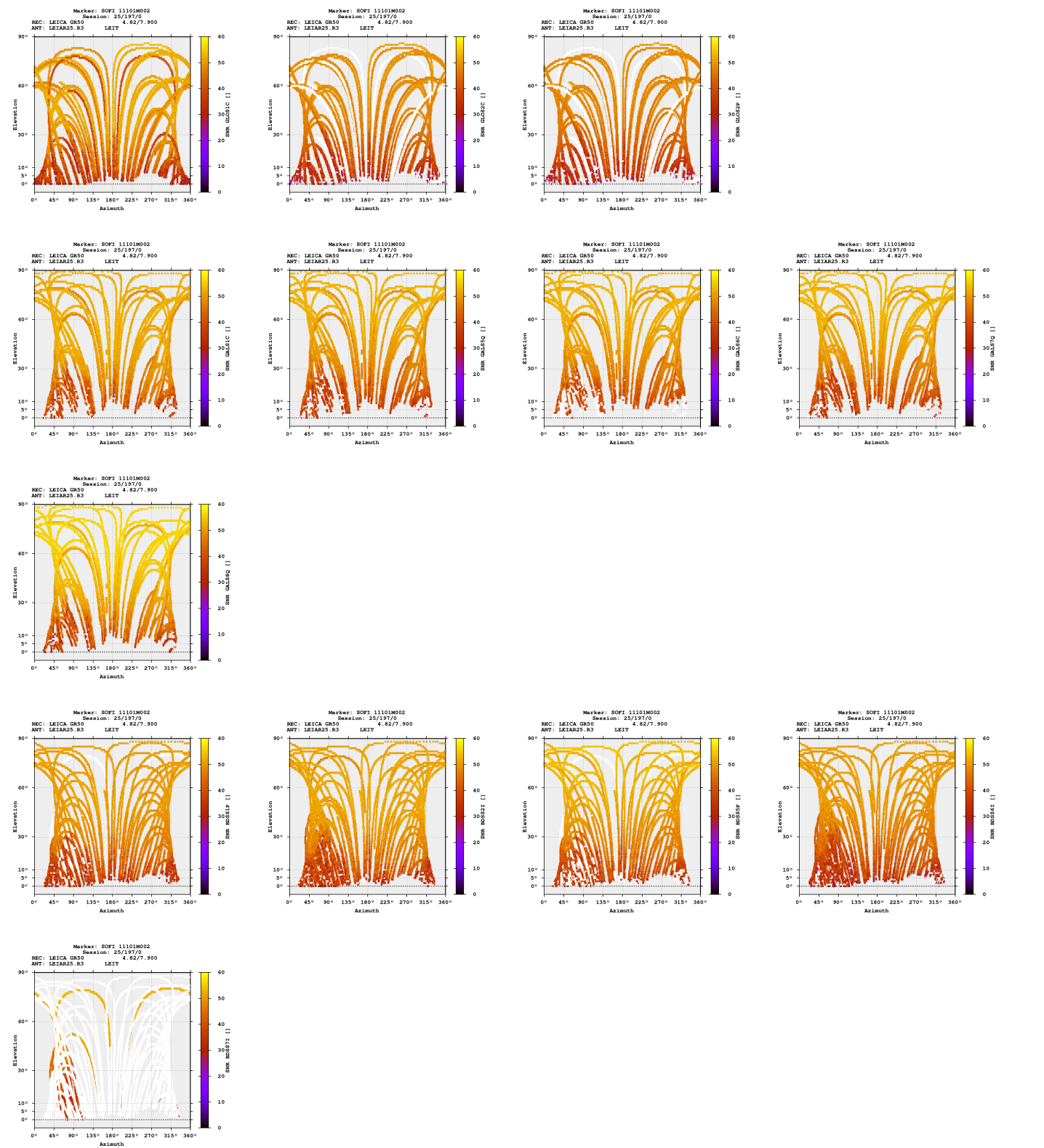
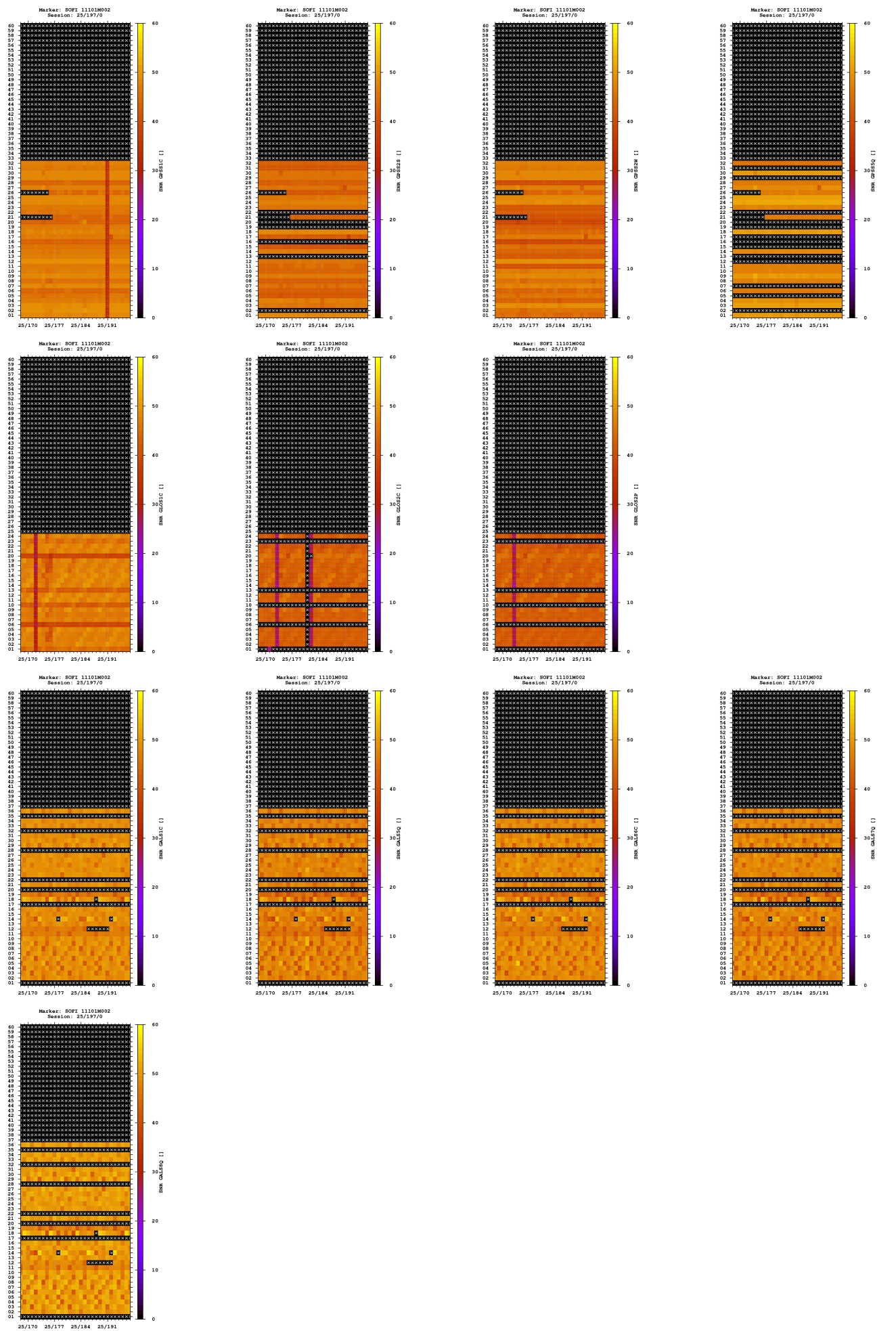
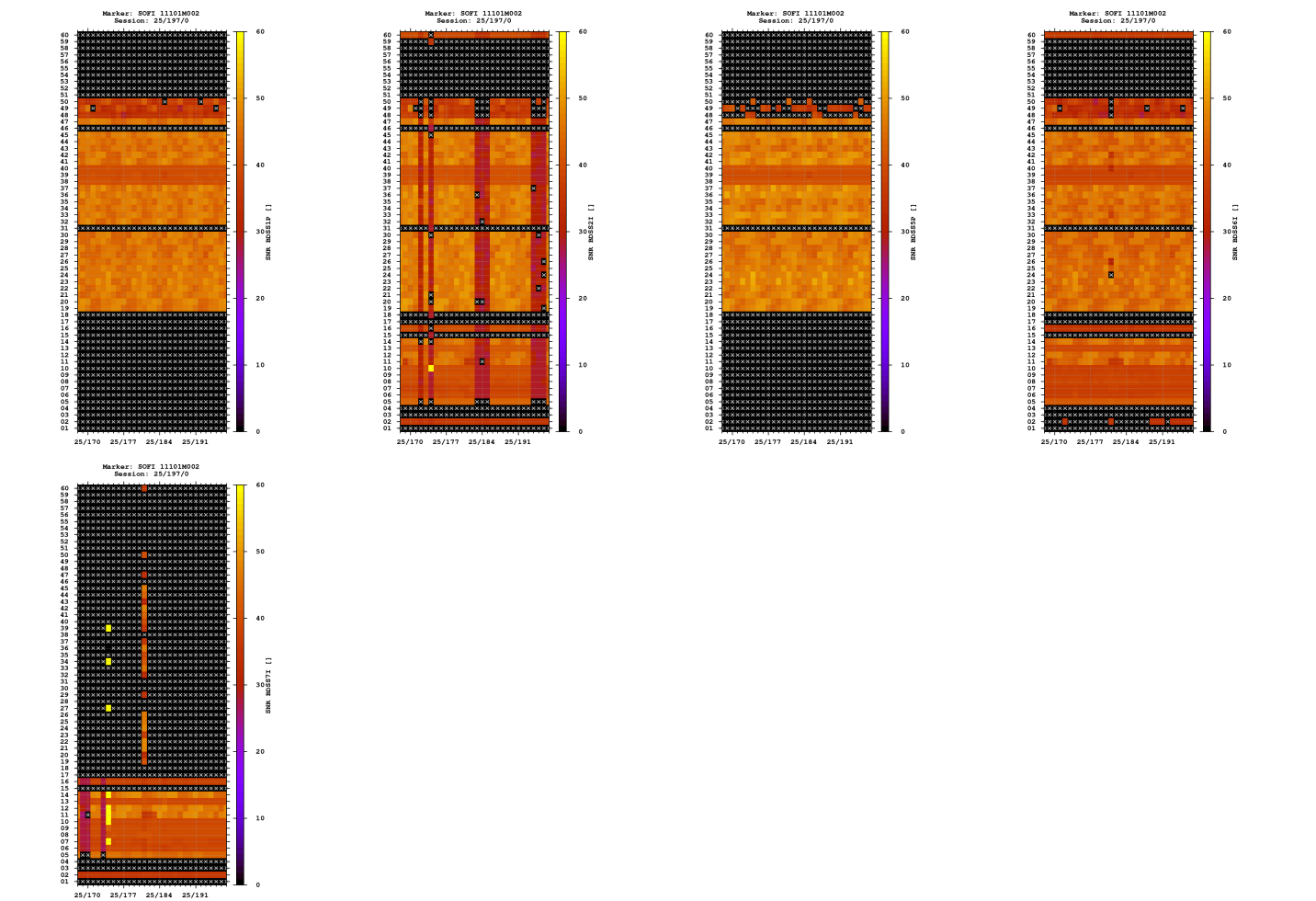


Figure 1 displays six panels showing the evolution of the size of the largest cluster (S_{max}) over time for different marker sets. The panels are arranged in a 3x2 grid. The left column shows results for Marker: SOFI 11101M002, and the right column shows results for Marker: SOFI 11101M002, Session: 25/197/0. The rows represent different marker sets: GPS, GLO, GAL, and BDS. Each panel plots S_{max} (Y-axis, 0 to 60) against time (X-axis, 25/170 to 25/191). The plots show the size of the largest cluster over time, with different colors representing different marker sets. The GPS panel shows a sharp drop in S_{max} around 25/184. The GLO panel shows a sharp drop in S_{max} around 25/177. The GAL panel shows a sharp drop in S_{max} around 25/184. The BDS panel shows a sharp drop in S_{max} around 25/184. The right column shows results for a different session, with S_{max} values generally higher than the left column.



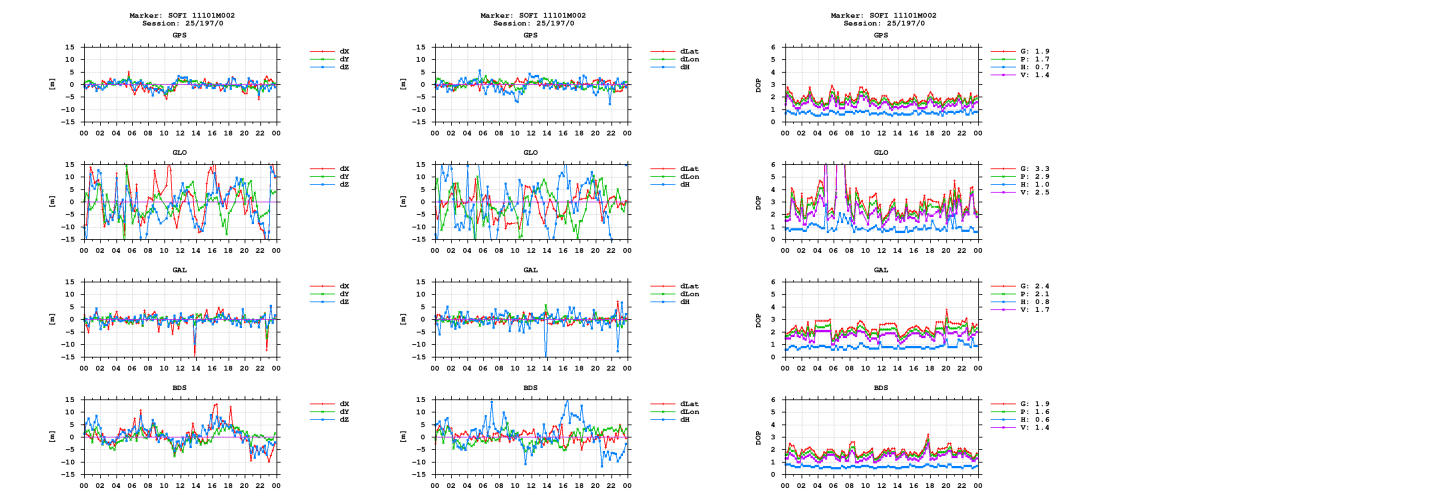


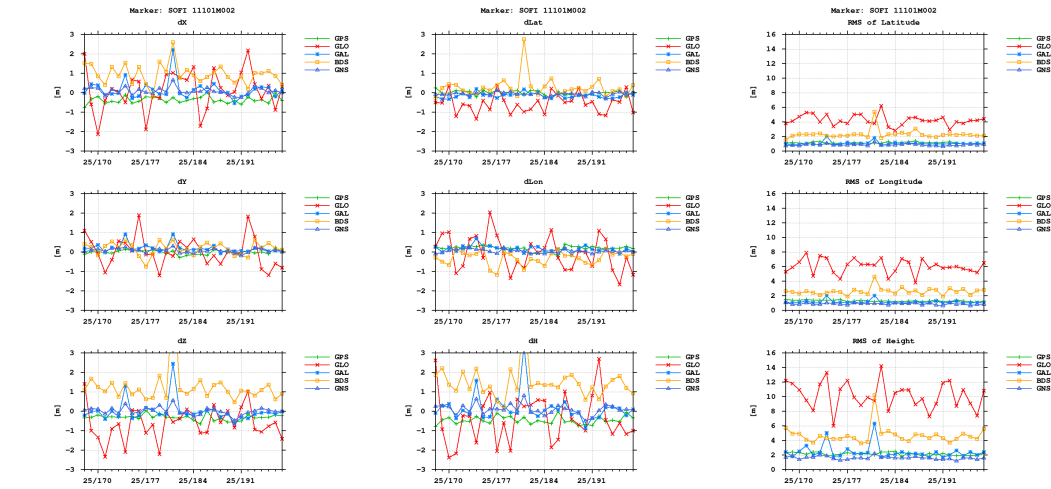




Estimates

2025-07-16 00:00:00	GPS	4319371.9667	1868688.2180	4292064.6343	42.556098720	23.394738301	1120.1289
2025-07-16 00:00:00	GLO	4319372.6606	1868687.4506	4292063.4413	42.556088930	23.394726201	1119.4892
2025-07-16 00:00:00	GAL	4319372.4914	1868688.3432	4292064.8418	42.556097003	23.394736993	1120.5830
2025-07-16 00:00:00	BDS	4319372.7684	1868688.3718	4292065.7663	42.556101516	23.394735973	1121.4039





Equipment

2025-06-17 00:00:00 LEICA GR50 4.82/7.900 1831025 LEICA GR50

Program info

G-Nut/Anubis Free [3.10] Mar 19 2025 09:09:21 (Rev: 4538)