

# GNSS Processing Report - Summary

Report created: 24.11.2025 12:00:44

## Project Details

General		Customer Details		Master Coordinate System	
Project Name:	SPGI-V03-stirikotnik	Customer Name:	-	Coordinate System Name:	None
Owner:	-	Contact Person:	-	Transformation Type:	-
Lead Surveyor:	Ritlop, Klemen	Number:	-	Residual Distribution:	-
Date Created:	24.11.2025 10:10:36	Email:	-	Ellipsoid:	-
Last Accessed:	24.11.2025 10:10:36	Skype:	-	Projection Type:	-
Application Software:	Infinity 4.3.1	Website:	-	Geoid Model:	-
				CSCS Model:	-
Path:	D:\OneDrive - Univerza v Ljubljani\1_sola\3_GIUN\2_letnik\Satelitsko_podprta_geodetska_izmera\1_vaje\2025-2026\1_vaje\V03 - Izravnavna GNSS mreze\D0 - obdelava opazovanj\SPGI-V03-stirikotnik\SPGI-V03-stirikotnik.iprj				
Size:	231,6 MB				
Comments:	-				

## Baseline FGG2 - FGG1

### Processing Parameters (07.10.2025 11:08:51 - 07.10.2025 15:17:03)

Data	Selected	Used	Comments
Cut-Off Angle:	10°	10°	
Frequency:	Automatic	L1/E1/L2/L5/E5a/E5b/E5ab	
Sampling Rate:	10,00 sec	10,00 sec	
Satellite System:	GPS/GLONASS/Galileo/Beidou	GPS/GLONASS/Galileo	
Ephemeris Type:	Precise	Precise	
Antenna Calibration Set:	NGS 20 Absolute	NGS 20 Absolute	

#### Processing Strategy

Solution Type:	Phase Fixed	Phase Fixed
Solution Optimisation:	Automatic	None
Frequency to use in Ionosphere Minimised:	Automatic	Automatic
Tropospheric Model:	VMF with GPT2 model	VMF with GPT2 model
Ionospheric Model:	Automatic	Computed

#### General Settings

Min. Distance for Ionosphere Minimised:	15 km
Possible Ambiguities Fix up to:	300 km
Min. Duration for Float Solution (static):	00:05:00

#### Time Settings

Time Format:	HH:mm:ss
Time System:	Local Time
Leap Seconds:	18

## Results Baseline: FGG2 - FGG1

### Acquisition

Start Time - End Time: 07.10.2025 11:10:02 - 07.10.2025 15:11:12

Duration: 04:01:10

Antennas

	Reference - FGG2	Rover - FGG1
Receiver Name / SN:	LEICA GS18 / 3604729	LEICA GS15 / 1500617
Antenna Name / SN:	LEIGS18 / -	LEIGS15 / -
Carrier Offset:	-	-
Height Reading:	0,15000 m	0,15000 m
Antenna Height:	0,15000 m	0,15000 m

Phase Center Offset

	Reference - LEIGS18		Rover - LEIGS15	
GPS	L1	L2	L1	L2
East	-0,00028 m	0,00244 m	-0,00049 m	0,00214 m
North	-0,00100 m	-0,00049 m	-0,00081 m	0,00076 m
Up	0,09991 m	0,10744 m	0,20205 m	0,20073 m

GLONASS	L1	L2	L1	L2
East	-0,00028 m	0,00244 m	-	-
North	-0,00100 m	-0,00049 m	-	-
Up	0,09991 m	0,10744 m	-	-

Coordinates

	Reference - FGG2	Rover - FGG1		Reference - FGG2	Rover - FGG1
Point Role:	Navigated RTK	Fixed PP			
WGS84 Latitude:	46,04600282° N	46,04575299° N	Easting:	-	-
WGS84 Longitude:	14,49526701° E	14,49450312° E	Northing:	-	-
WGS84 Ellip. Height:	366,86004 m	366,86508 m	Ortho. Height:	-	-
WGS84 Cartesian X:	4.293.724,95220 m	4.293.759,11063 m			
WGS84 Cartesian Y:	1.110.054,37220 m	1.110.002,13039 m			
WGS84 Cartesian Z:	4.569.062,15830 m	4.569.042,88691 m			

Baseline Vector and Quality - WGS84

ΔLatitude:	-0,00024983°	SD ΔLatitude:	0,00004 m
ΔLongitude:	-0,00076390°	SD ΔLongitude:	0,00003 m
ΔHeight:	0,00504 m	SD ΔHeight:	0,00007 m
ΔX:	34,15843 m	SD ΔX:	0,00006 m
ΔY:	-52,24181 m	SD ΔY:	0,00003 m
ΔZ:	-19,27139 m	SD ΔZ:	0,00006 m
Slope Dist.:	65,32527 m	SD Slope Dist.:	0,00003 m

M0:	0,24854 m	CQ 1D:	0,00007 m
Q11:	0,00000006	CQ 2D:	0,00004 m
Q12:	0,00000001	CQ 3D:	0,00009 m
Q22:	0,00000001		
Q13:	0,00000003		
Q23:	0,00000001		
Q33:	0,00000005		

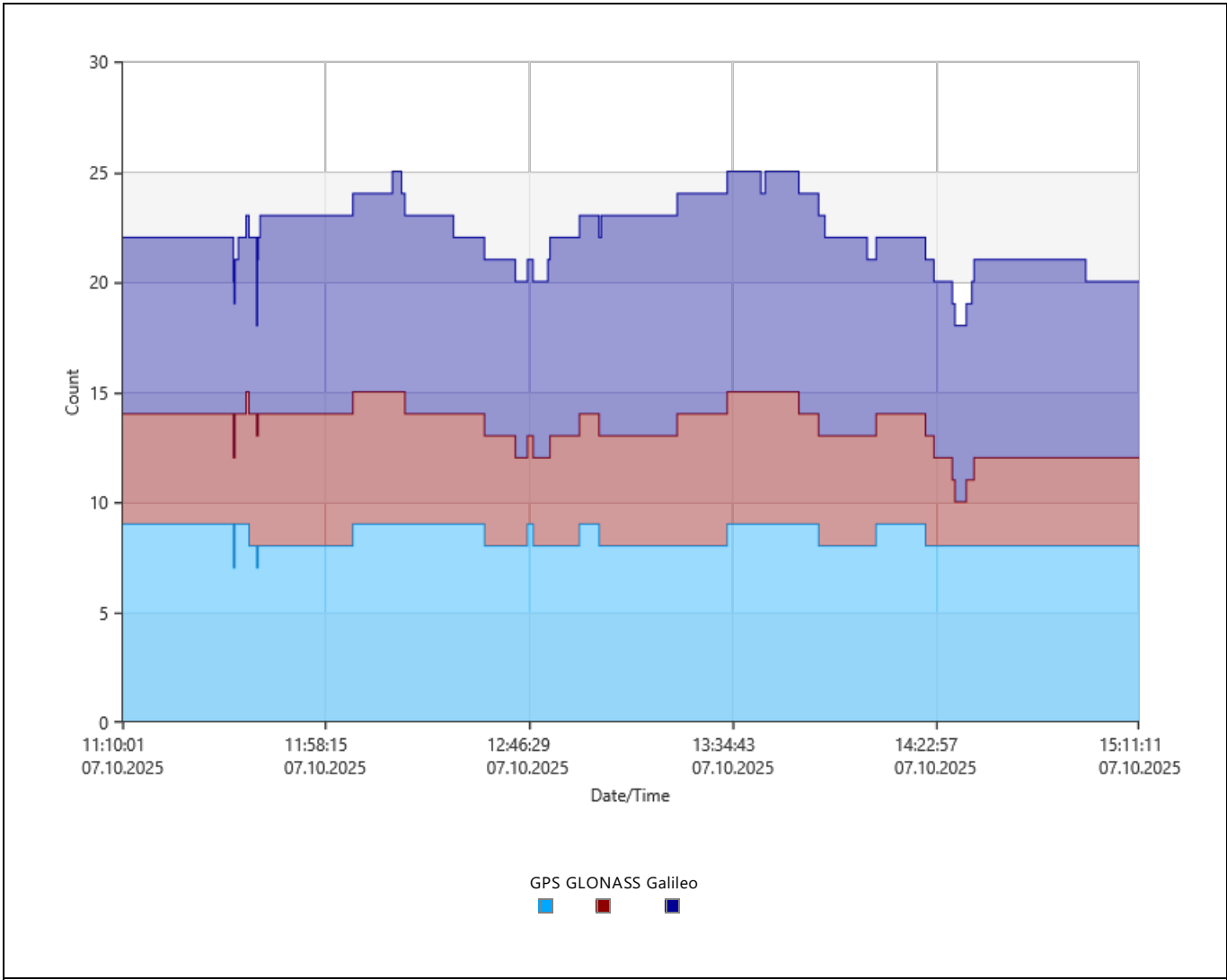
Frequency:	L1/E1/L2/L5/E5a/E5b/E5ab	GDOP:	1,3 - 2,6	GPS SVs:	9/9
Solution Optimisation:	None	PDOP:	0,9 - 1,6	GLONASS SVs:	6/6
Solution Type:	Phase Fixed	HDOP:	0,5 - 0,8	Beidou SVs:	-
		VDOP:	0,8 - 1,4	Galileo SVs:	10/10
				QZSS SVs:	-

Ephemeris Type:	
GPS	Precise
GLONASS	Precise
Galileo	Precise

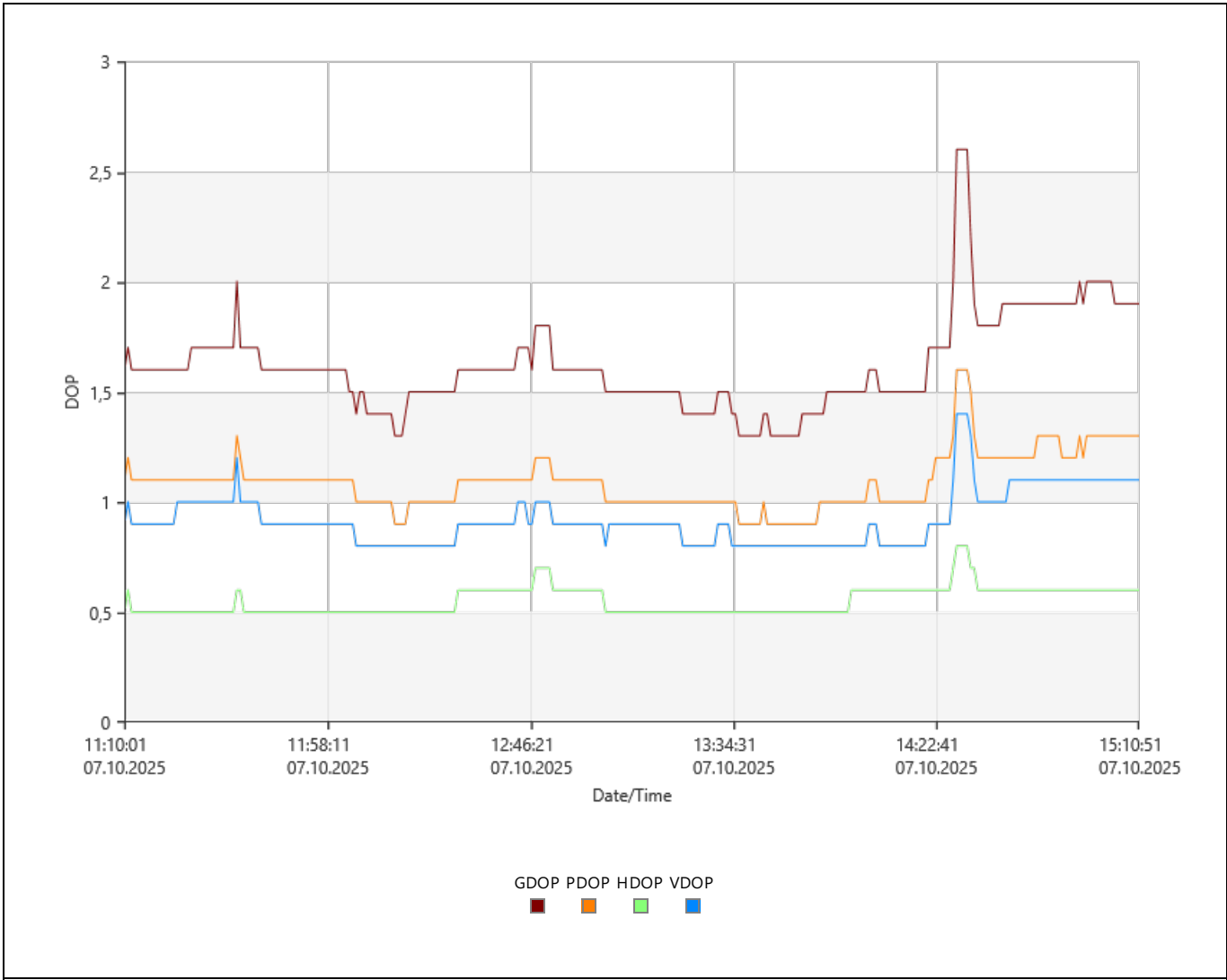
Processing Info (07.10.2025 11:08:51 - 07.10.2025 15:17:03)

Processed Date/Time: 24.11.2025 12:00:06

SVs Tracked



DOP



Ambiguity Statistics

Number of Ambiguities	GPS	GLONASS	Galileo
Fixed	48	24	98
Total	57	26	137
Independently fixed	1.810	1.810	1.810
Possible independently fixed	1.810	1.810	1.810

Average time between independent fixes: 00:00:06

% of Epochs	GPS			GLONASS		Galileo			
	L1 [%]	L2 [%]	L5 [%]	L1 [%]	L2 [%]	E1 [%]	E5a [%]	E5b [%]	E5ab [%]
Fixed	99,98	99,99	100,00	99,99	99,99	99,97	99,89	99,97	99,96
Not fixed	0,02	0,01	0,00	0,00	0,00	0,03	0,10	0,03	0,03
Not fixed - contradiction	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Not fixed - missing phase	0,00	0,00	0,00	0,01	0,01	0,01	0,01	0,00	0,01

Status	From Epoch	To Epoch	Duration
Fixed	07.10.2025 11:10:02	07.10.2025 15:11:12	04:01:10