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GNSS Processing Report - Summary

Request Details

General

Processed at: 2025-01-29 14:12:14
SBC version: 7.10.0.114

User Details

User name:
Name:
Company: Masyarakat
Umum

1. Point Results

Point-ID	Solution Type	Occupations / Baselines	WGS84 Latitude	WGS84 Longitude	WGS84 Ellip. Height [m]	SD Latitude	SD Longitude	SD Height
RUMAH	Phase Fixed	1/1	1° 39' 54.1020" S	103° 36' 26.0443" E	37.3362 m	0.0001 m	0.0001 m	0.0005 m

Point-ID	Solution Type	Occupations / Baselines	WGS84 Cartesian X	WGS84 Cartesian Y	WGS84 Cartesian Z	SD X	SD Y	SD Z
RUMAH	Phase Fixed	1/1	-1499930.8203 m	6196547.4040 m	-184084.9943 m	0.0001 m	0.0005 m	0.0001 m

Target Coordinate System

Name: UTM48S_InaGeoid
 Ellipsoid: WGS 1984
 Projection Type: UniversalTransverseMercator
 Geoid Model: INAGEOID V2
 CSCS Model: -

Point-ID	Coordinate System	Easting	Northing	Ellip. Height Ortho. Height	SD Easting	SD Northing	SD Height
RUMAH	UTM48S_InaGeoid	345069.7352 m	9815909.0998 m	- 27.2215 m	0.0001 m	0.0001 m	0.0005 m

2.1. RUMAH - 2025-01-29 12:02:26

Point Occupation Results

Marker Name: RUMAH
 Receiver Type / SN: EMLID REACH RS2+ / -
 Antenna Type / SN: EML_REACH_RS2+ NONE / -
 Occupation Start: 2025-01-29 12:02:26
 Occupation End: 2025-01-29 13:45:57

Averaged Point Summary: RUMAH

Weighted Average: Yes

WGS84 Latitude:	1° 39' 54.1020" S	SD Latitude:	0.0001 m
WGS84 Longitude:	103° 36' 26.0443" E	SD Longitude:	0.0001 m
WGS84 Ellip.Height:	37.3362 m	SD Height:	0.0005 m
WGS84 Cartesian X:	-1499930.8203 m	SD X:	0.0001 m
WGS84 Cartesian Y:	6196547.4040 m	SD Y:	0.0005 m
WGS84 Cartesian Z:	-184084.9943 m	SD Z:	0.0001 m
Easting:	345069.7352 m	SD Easting:	0.0001 m
Northing:	9815909.0998 m	SD Northing:	0.0001 m
Ellip. Height:	-	SD Height:	0.0005 m
Ortho. Height:	27.2215 m		

Baseline Summary RUMAH

Max Distance between Average and Measurement

Position: 0.1 m
 Height: 0.1 m

Point-ID	Reference	Baseline Length [m]	3D CQ [m]	ΔPos [m]	ΔHeight [m]	ΔPos [m] & Height [m]	Easting [m]	Northing [m]	Height [m]
RUMAH							345069.7352 m	9815909.0998 m	27.2215 m
	cjbi	6690.7082 m	0.0005 m	0.0000m	0.0000 m	0.0000m	345069.7352 m	9815909.0998 m	27.2215 m

Baseline Results

2.1.1. Baseline: cjbi - RUMAH

Used Processing Parameters

Cut-Off Angle: 10°
 Frequency: L1, L2, E5b
 Sampling Rate: 1 sec
 Satellite System: GPS, GLONASS, Galileo, BeiDou, QZSS
 Disabled Satellites:
 Solution Type: Phase Fixed
 Solution Optimization: None
 Frequency to use in Iono Minimized: Automatic
 Tropospheric Model: Computed
 Ionospheric Model: Computed
 Ephemeris type: Broadcast
 Allow Widelane Fix: Yes

Min. Distance for Iono Minimized: 15 km
 Possible Ambiguities Fix up to: 300 km
 Min. Duration for Float Solution (static): 5 min

Antennas and Receivers

	Reference - cjbi	Rover - RUMAH
Receiver Type / SN:	LEICA GR50 / -	EMLID REACH RS2+ / -
Antenna Type / SN:	LEIAR20 LEIM / -	EML_REACH_RS2+ NONE / -

Coordinates

	Reference - cjbi	Rover - RUMAH
WGS84 Latitude:	1° 36' 25.9514" S	1° 39' 54.1020" S

WGS84 Longitude:	103° 35' 22.2415" E	103° 36' 26.0443" E
WGS84 Ellip.Height:	44.069 m	37.3362 m
WGS84 Cartesian X:	-1498058.477 m	-1499930.8203 m
WGS84 Cartesian Y:	6197195.049 m	6196547.4040 m
WGS84 Cartesian Z:	-177694.340 m	-184084.9943 m

Baseline Vector and Quality

ΔLatitude:	0° 03' 28.1505" S	SD ΔLatitude:	0.0001 m	M0: 0.92501712		
ΔLongitude:	0° 01' 03.8028" E	SD ΔLongitude:	0.0001 m	Q11: 0.00000000	Q12: -0.00000000	Q13: -0.00000000
ΔHeight:	-6.7332 m	SD ΔHeight:	0.0005 m	Q22: 0.00000001	Q23: -0.00000001	
				Q33: 0.00000033		

ΔX:	-1872.3433 m	SD ΔX:	0.0001 m	M0: 0.92501712		
ΔY:	-647.6450 m	SD ΔY:	0.0005 m	Q11: 0.00000002	Q12: -0.00000006	Q13: 0.00000000
ΔZ:	-6390.6543 m	SD ΔZ:	0.0001 m	Q22: 0.00000031	Q23: -0.00000001	
Baseline Length:	6690.7082 m	SD Baseline Length:	0.0005 m	Q33: 0.00000000		
		CQ 1D:	0.0001 m			
		CQ 2D:	0.0005 m			
		CQ 3D:	0.0005 m			

GDOP:	2.1 - 1.7
PDOP:	1.2 - 0.9
HDOP:	0.6 - 0.4
VDOP:	1.0 - 0.7