



INS calibration report

Overview

Log_20210408_073605_OutA_POSTPROCESSING-ins

PRODUCT TYPE	rovins-nano
SERIAL NUMBER	QA2124
DELPHINS VERSION	3.7.0
TIME (START)	08/04/2021 07:36:05.874
TIME (STOP)	08/04/2021 08:11:02.617
DURATION	00:34:56.742

Initial conditions

Initial position

Latitude	48.8991
Longitude	2.0635
Altitude	0

Aiding sensors calibration: summary

GPS

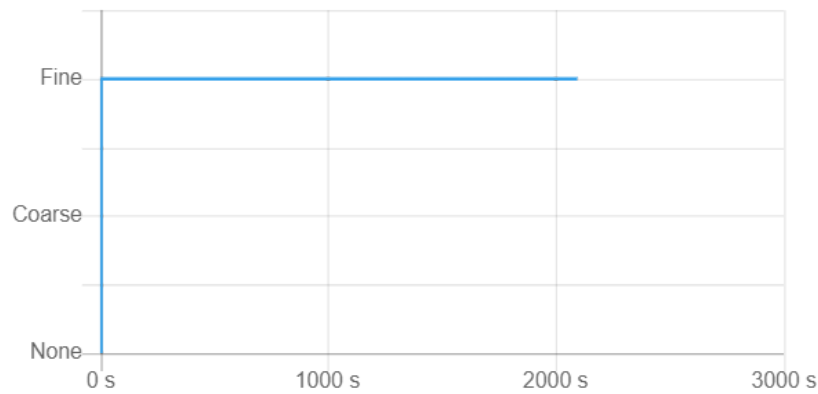
Attribute	Current	Calibration	Std dev.
Lever arm XV1 (m)	-0.054	0.113656	0.021399
Lever arm XV2 (m)	-0.396	-0.354727	0.0203107
Lever arm XV3 (m)	3.353	3.3404	0.0875435

DVL

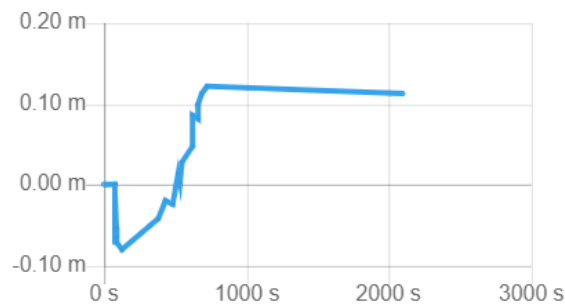
Attribute	Current	Calibration	Std dev.
Misalignment heading (°)	-45.094	-44.9338	0.0823659
Misalignment roll (°)	0	0	
Misalignment pitch (°)	-0.004	0.175354	0.0377705
Scale factor (%)	-0.407	-0.298917	0.0636299

Calibration results: GPS

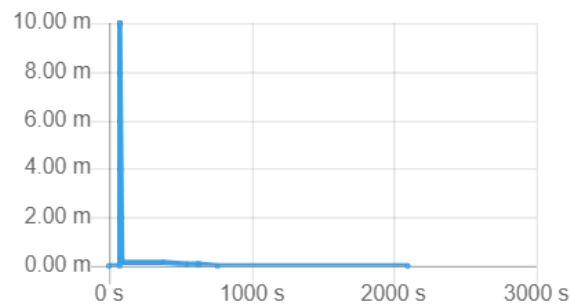
Alignment mode



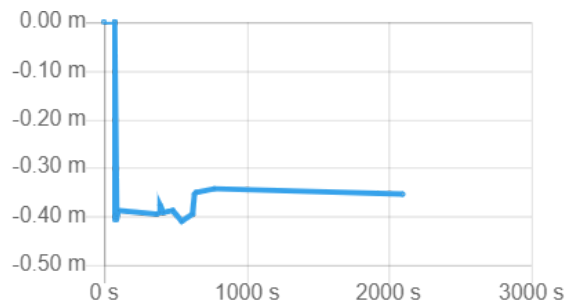
Lever arm XV1



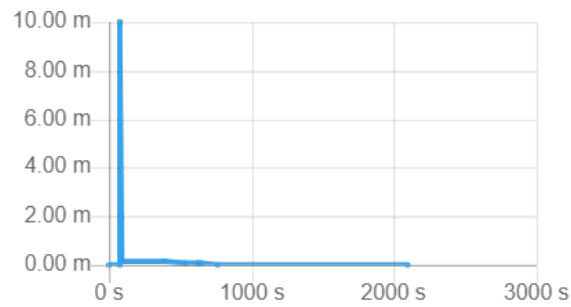
Lever arm XV1 std dev



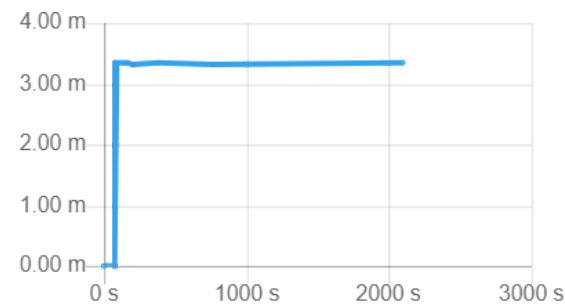
Lever arm XV2



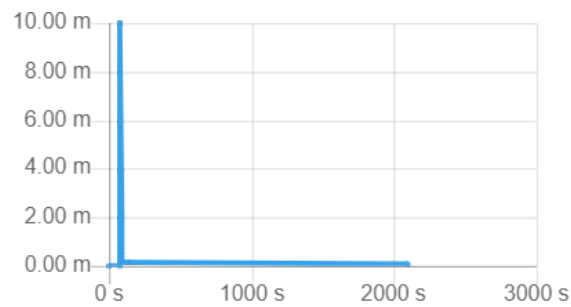
Lever arm XV2 std dev



Lever arm XV3

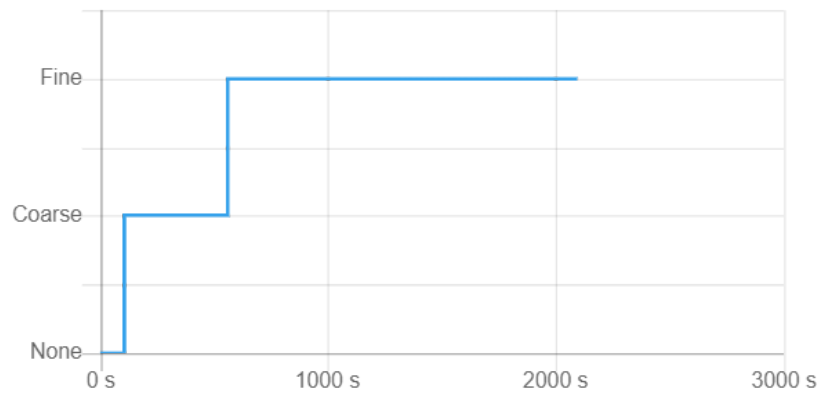


Lever arm XV3 std dev

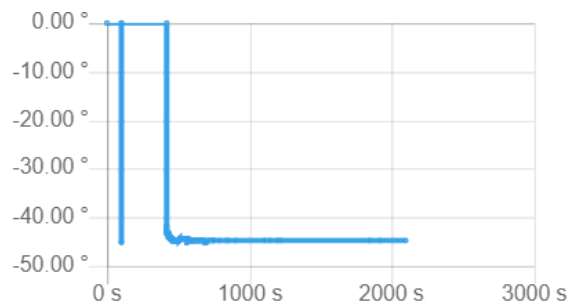


Calibration results: DVL

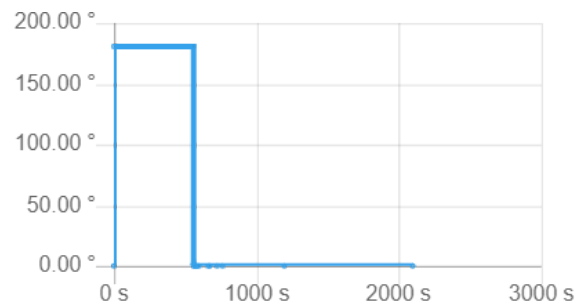
Alignment mode



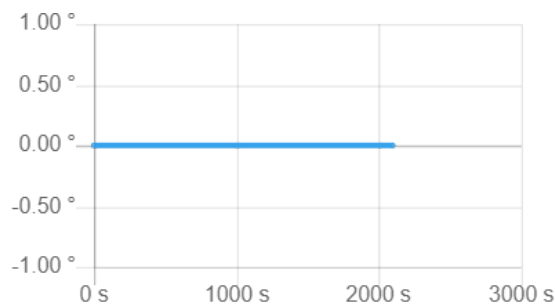
Heading



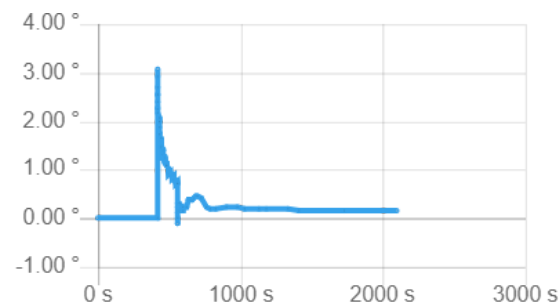
Heading std dev



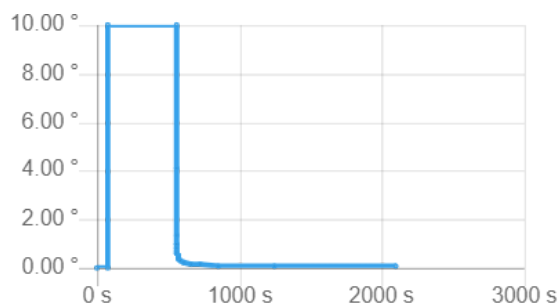
Roll



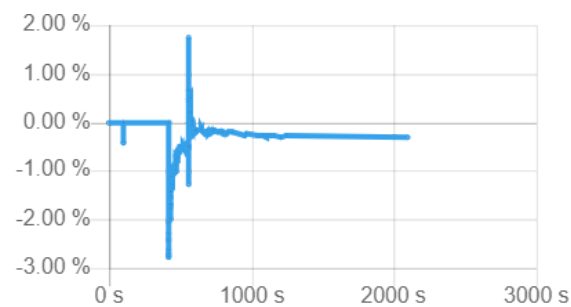
Pitch



Pitch std dev



Scale factor



Scale factor std dev

