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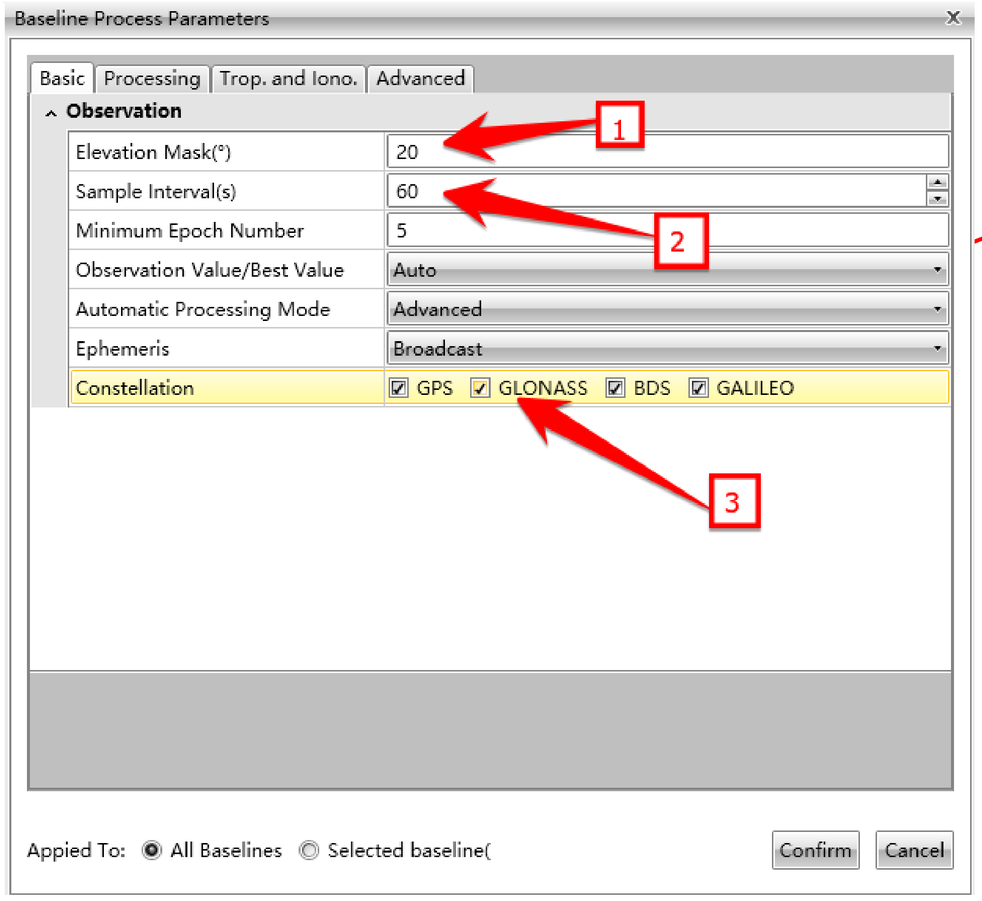
CHC Navigation Ltd

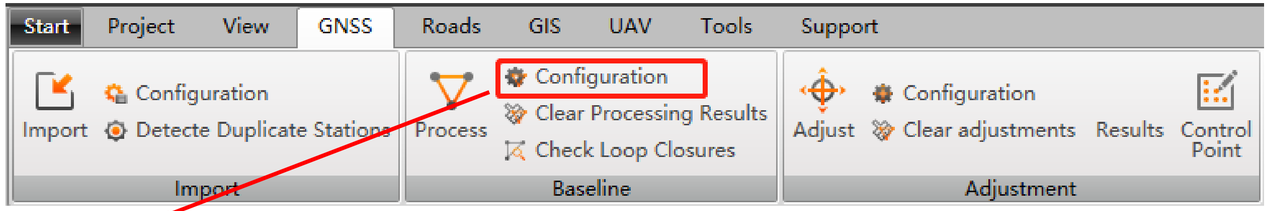
CGO2 Work Flow – GNSS Baseline Processing

Step1: Import the raw data

Please refer to CGO2 Work flow – Import data

Step2: Modify parameters



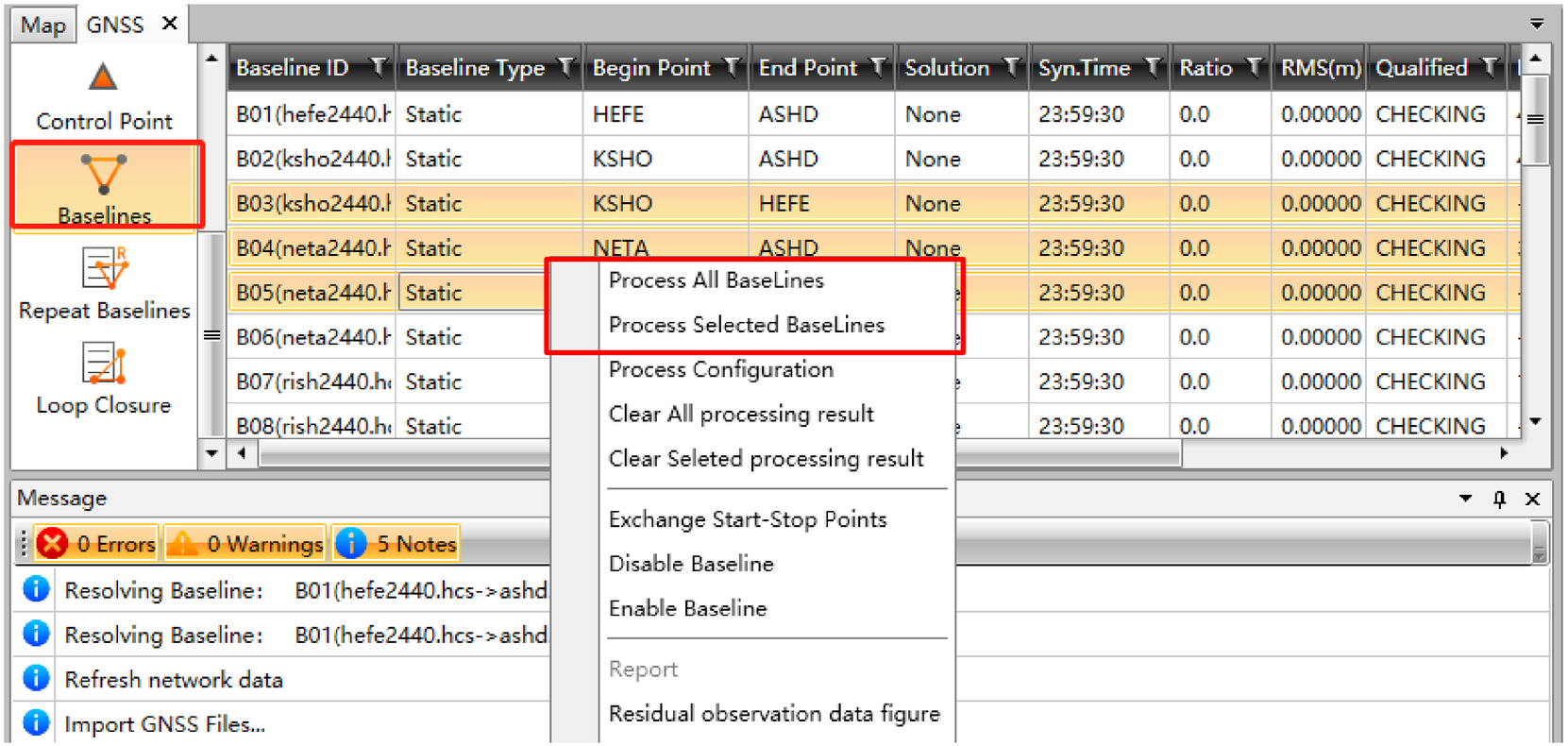


1. When the measurement time is long enough, wider angle can get higher precision.

2. Lower frequency sample interval can ameliorate the processing speed.

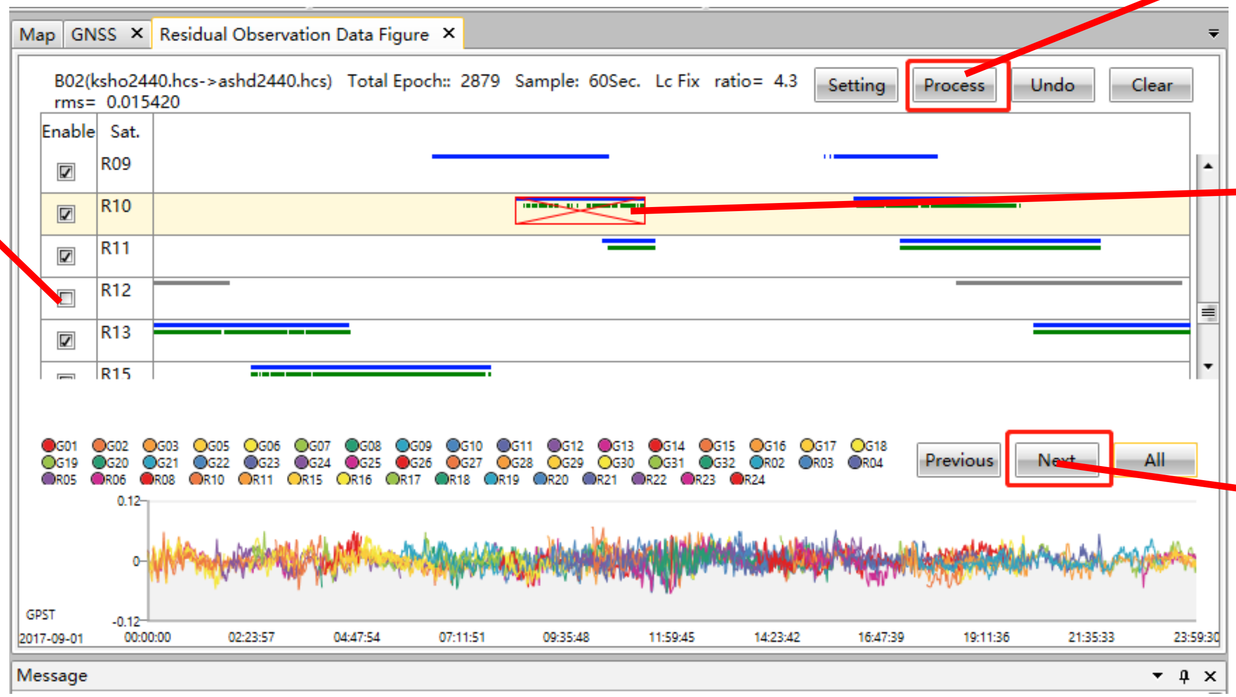
3. Some times forbidden particular constellation can get higher precision.

Step3: Processing



Go to baseline, right click selected baseline, process all baseline or selected baseline

Step4: Hone baseline residual



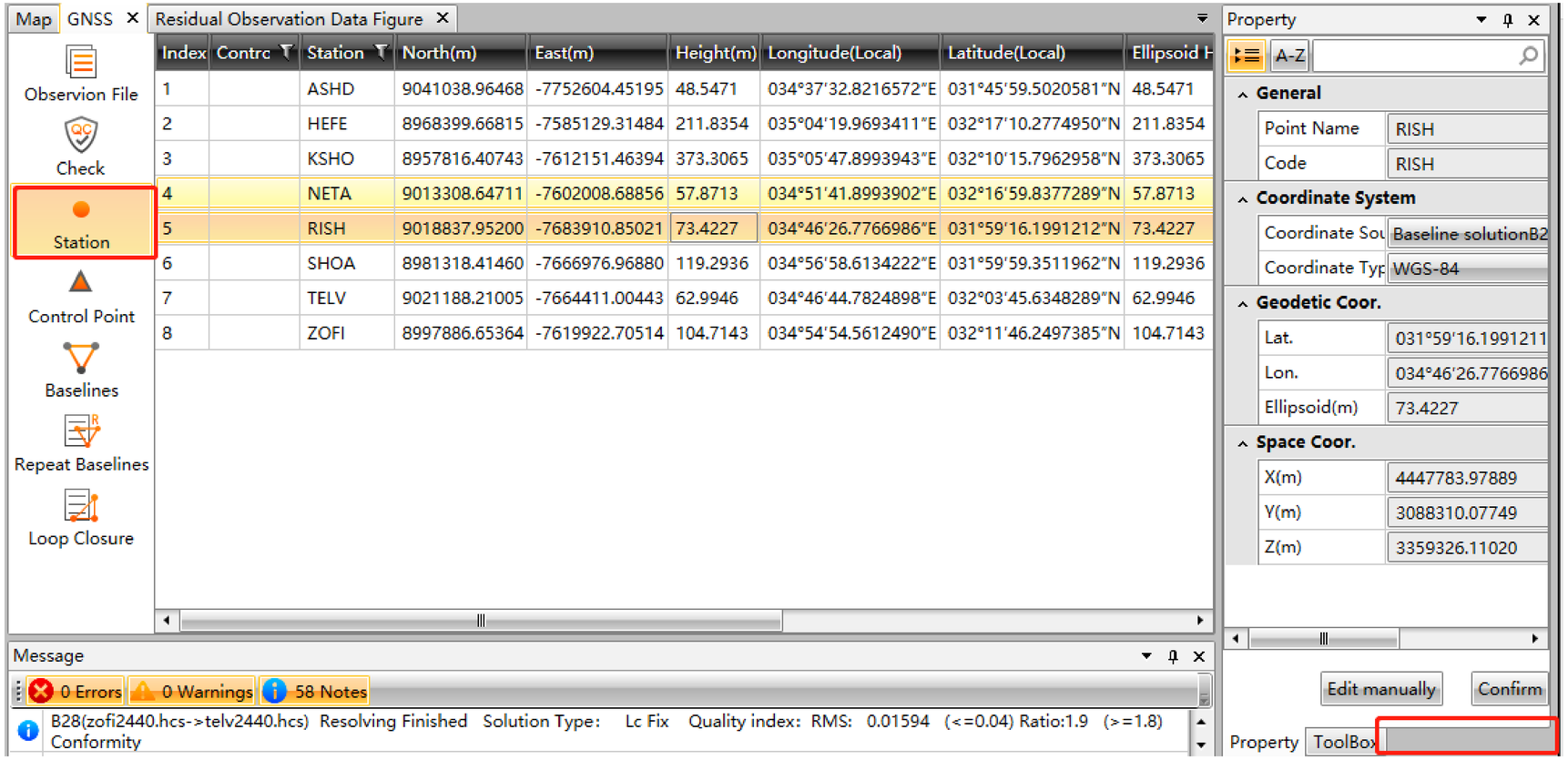
4. Reprocessing

2. Forbiden low quality satellites

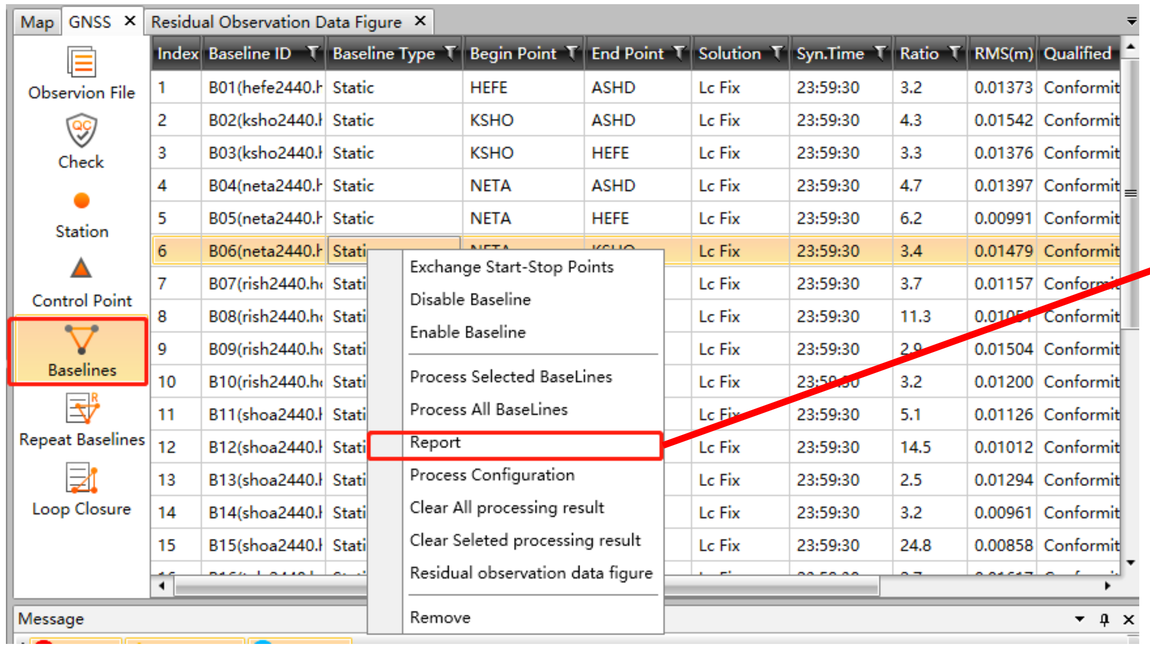
3. Delete poor observation period

1. Check satellites residual graph in turn

Step 5: Check the result



Step 5: Check the result



Baseline Summary Report

Basic Information

Name	Value
Username	DESKTOP-7MVD5J7
Project Datum	Default
Project Name	For_Demo
Distance Units	Meter
Height Units	Meter

Baseline List

Baseline Information

Name	Value
Number of baselines	1
The longest baseline(m)	B06 (neta2440.hcs->ksho2440.hcs): 25410.6622
The shortest baseline(m)	B06 (neta2440.hcs->ksho2440.hcs): 25410.6622
Worst baseline(m)	B06 (neta2440.hcs->ksho2440.hcs)
Relative error of worst baseline	1 / 18475278

Please note:

When the solution of the baseline processing doesn’ t fix, please follow the residual graph to adjust the satellites/ the period of particular satellites to ameliorate the processing outcome.

In the United States, contact

iGage Mapping Corporation
+1-801-412-0011

www.igage.com/cgo2

For demos, pricing and additional information.

30-day fully functional demos are available by software code.

THANK YOU

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