

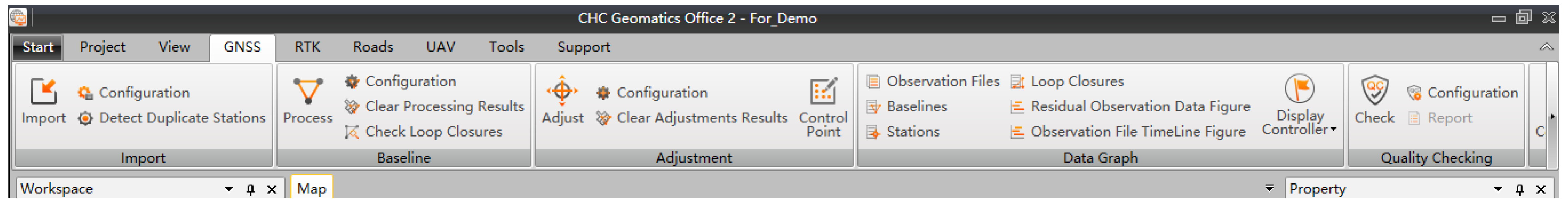
CHC Navigation Ltd

CGO2 Work Flow – Import

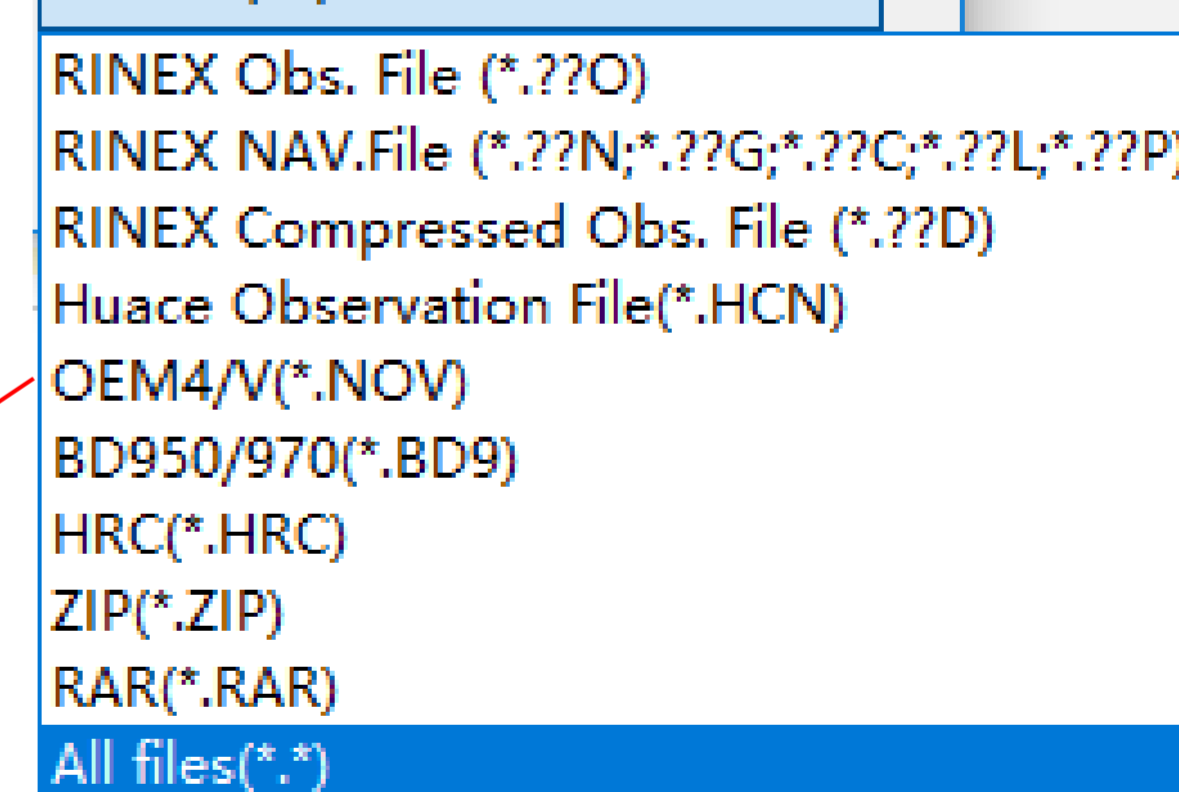
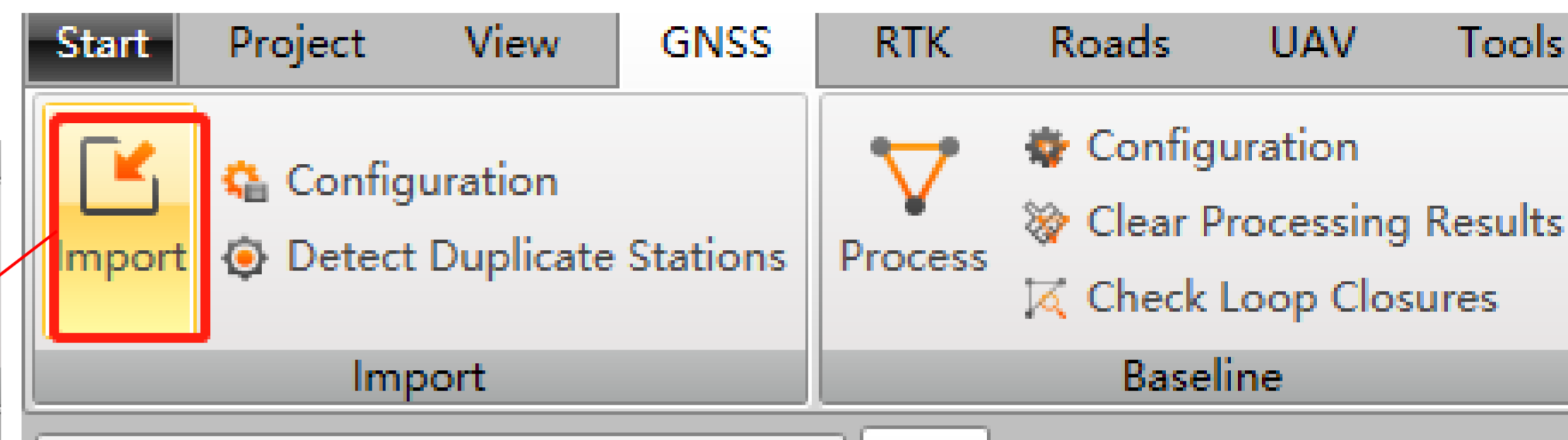
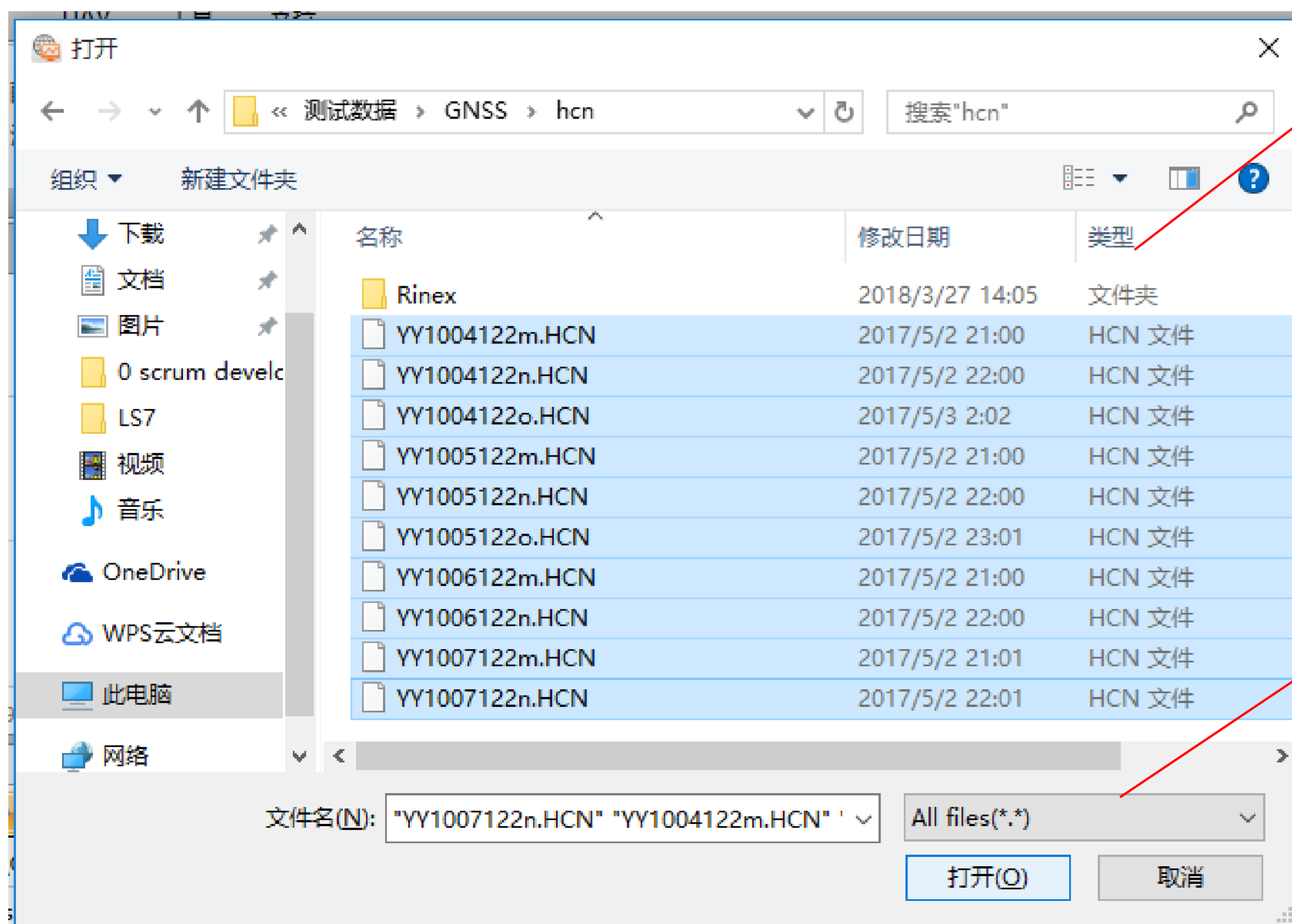
Step1: Open/create one project

Please refer to [CGO2 Work flow - Projects](#)

Step2: Go to **GNSS** menu



Step3: Import



The Demo data can be found in:
CGO2 Training PPT – GNSS_Static folder

Step4: Set parameters for each file

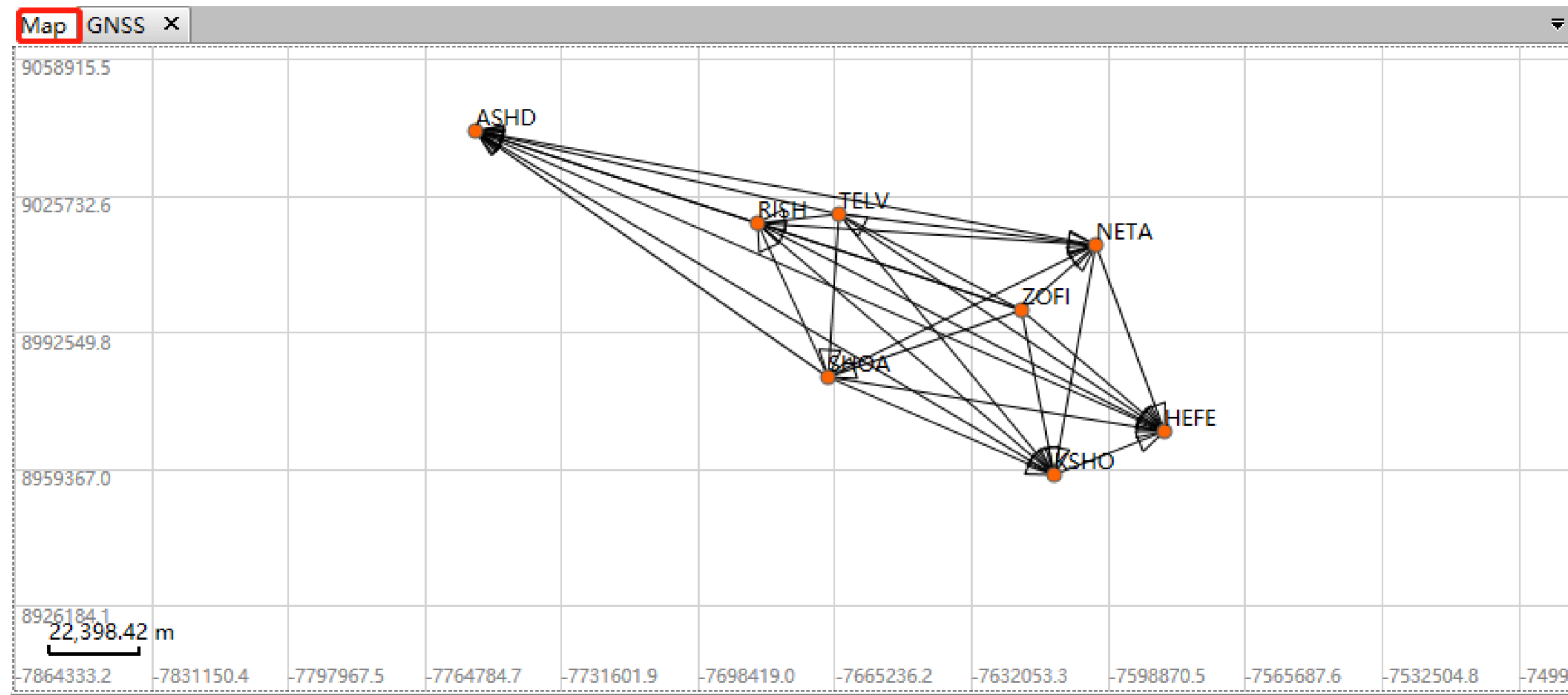
The screenshot displays the CHCNAV software interface. On the left is a vertical toolbar with icons for 'Observation File', 'Check', 'Station', and 'Control Point'. The main area contains a table with the following data:

Index	File Name	File Type	Station	Start Time	End Time	Duration	Antenna Height(m)	T
1	ashd2440.17o	Static	ASHD	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
2	hefe2440.17o	Static	HEFE	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
3	ksho2440.17o	Static	KSHO	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
4	neta2440.17o	Static	NETA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
5	rish2440.17o	Static	RISH	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
6	shoa2440.17o	Static	SHOA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
7	telv2440.17o	Static	TELV	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
8	zofi2440.17o	Static	ZOFI	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0

On the right, a 'Property' window is open, showing configuration options for the selected file (ksho2440.17o). The 'Station' field is set to 'KSHO'. The 'Receiver' section shows 'Receiver Type' as 'LEICA GX1230' and 'Receiver Version' as '9.02'. The 'Antenna' section shows 'Antenna Height' as '0.0000', 'Antenna SN' as 'LEICA GX1230', and 'Manufacture' as 'Leica'. Under 'Application Options', 'Application Range' is set to 'Curre...', and there are checkboxes for 'Height Measured', 'Antenna', and 'Measure To'. A 'Confirm' button is highlighted with a red box at the bottom right of the property window.

Choose one file, the software will pop up the property menu automatically, change the parameters and confirm the modification.

Step5: Check baseline map



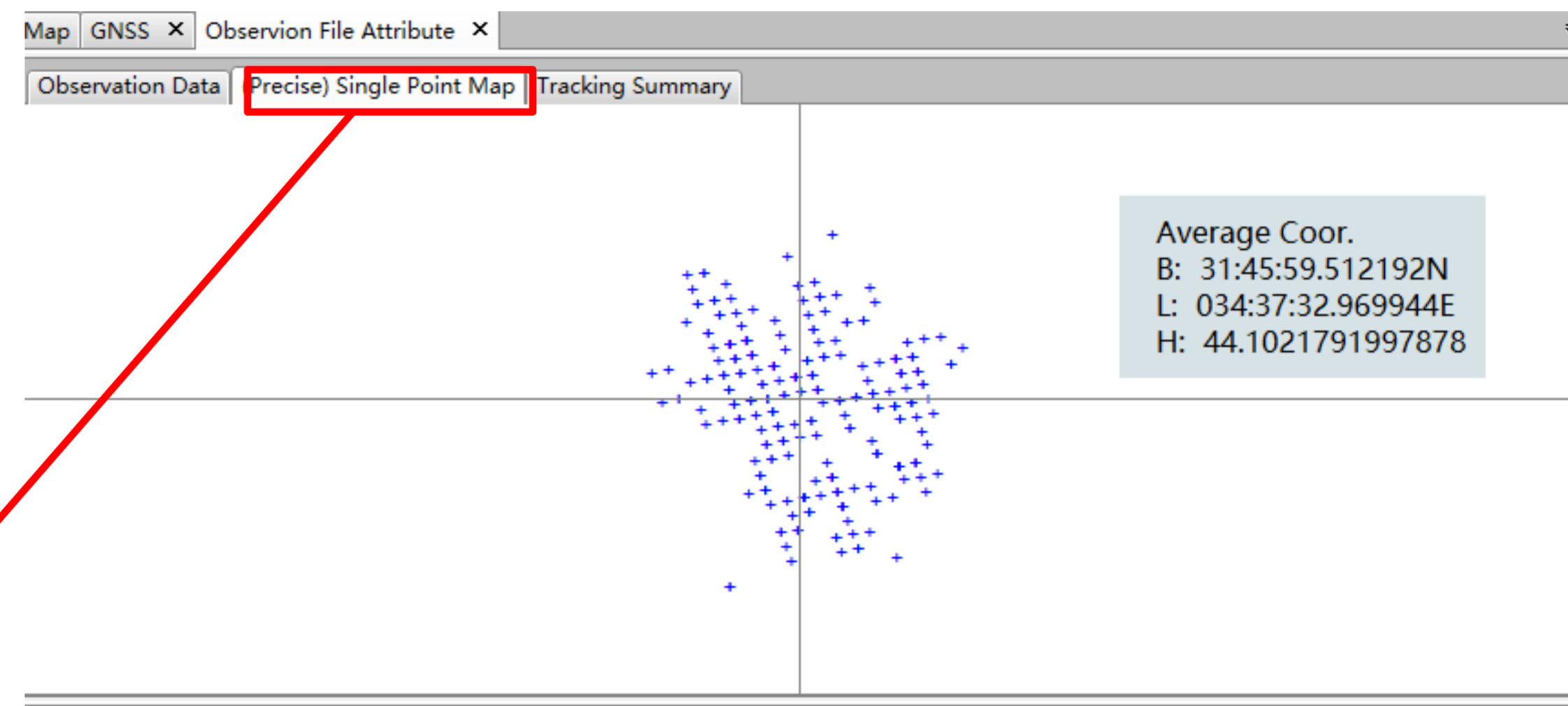
The baseline map will be generated automatically

Tools – Check Single Point Map

The screenshot shows the CHCNAV software interface. On the left, a vertical toolbar contains several icons, with the 'Observation File' icon at the top highlighted by a red box. Below it are icons for 'Check', 'Station', 'Control Point', 'Baselines', and 'Repeat Baselines'. The main window displays a table with the following data:

Index	File Name	File Type	Station
1	ashd2440.17o	Static	ASHD
2			
3			
4			
5			
6			
7			
8			

A context menu is open over the table, listing various actions. The 'Observation figure' option is highlighted with a red box. Below it, '(Precise) Single Point Map' is also highlighted with a red box. A red arrow points from this menu item to the right-hand screenshot.

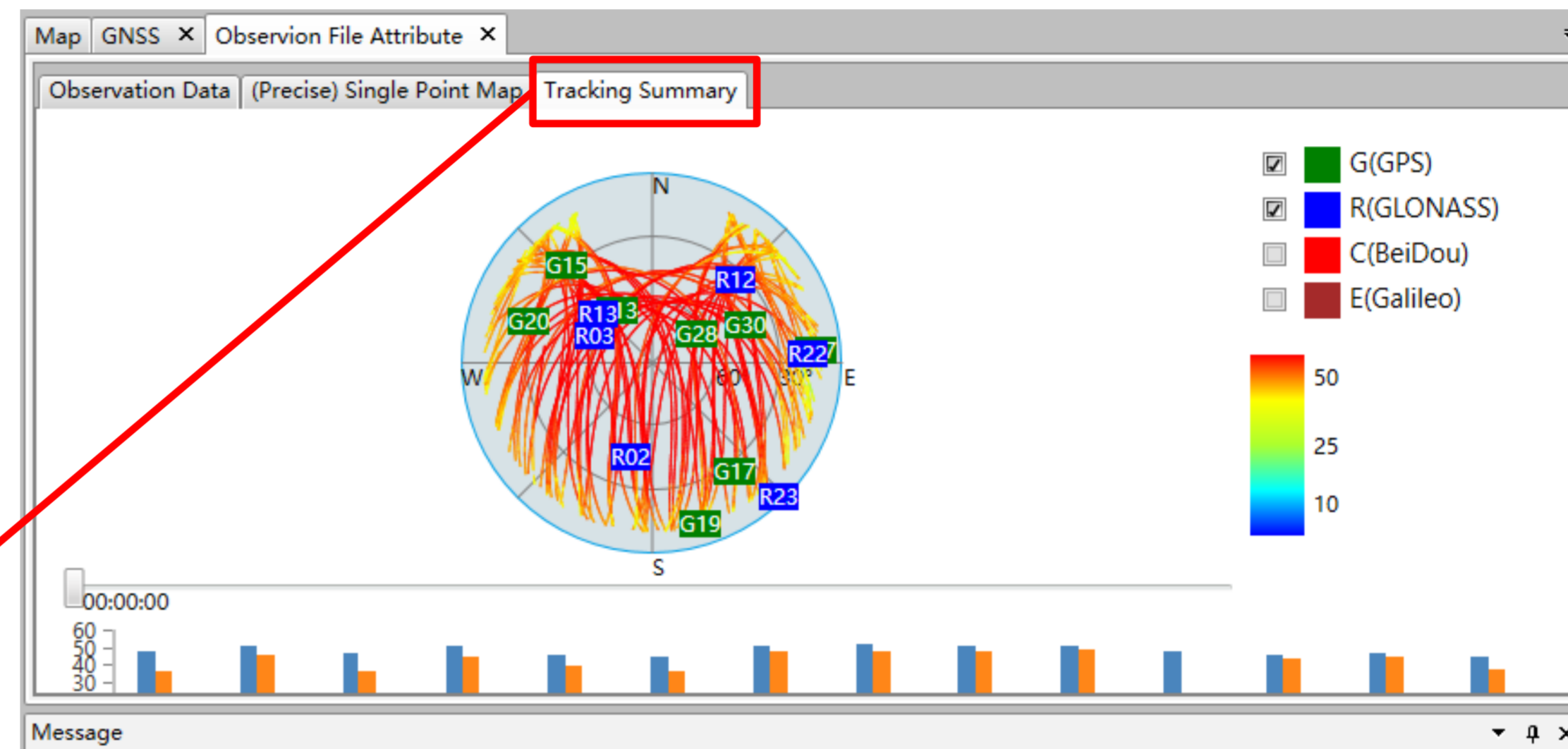


Tools – Tracking Summary

The screenshot shows the CHCNAV software interface. On the left, a vertical toolbar contains several icons, with the 'Observation File' icon at the top highlighted by a red box. Below this toolbar is a table with columns for 'Index', 'File Name', 'File Type', and 'Station'. The first row contains the values '1', 'ashd2440.17o', 'Static', and 'ASHD'. Below the table is a list of menu options. The 'Observation figure' option is highlighted with a red box, and a red arrow points from this box to the 'Tracking Summary' option in the adjacent software window.

Index	File Name	File Type	Station
1	ashd2440.17o	Static	ASHD
2			
3			
4			
5			
6			
7			
8			

- Open source file
- Open Directory
- Unify Station Name
- RINEX Option
- Convert to RINEX
- File Merge Into
- Convert static and dynamic types
- Quality Check Configuration
- Check All Files
- Check Selected Files
- View QC Report Html
- Observation figure**
- (Precise) Single Point Map
- Tracking Summary
- PPP Config
- PPP Resolving
- Remove



Tools – RINEX conversation

The screenshot displays the CHC Geomatics Office 2 - For_Demo software interface. The main toolbar is visible, with the 'Rinex Conversion' tool highlighted by a red box. The interface includes a menu bar (Start, Project, View, GNSS, RTK, Roads, UAV, Tools, Support), a workspace with a tree view of project files, a central table of observation files, and a right-hand property panel.

Index	File Name	File Type	Station	Start Time	End Time	Duration	Antenna Height(m)	To A
1	ashd2440.17o	Static	ASHD	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
2	hefe2440.17o	Static	HEFE	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
3	ksho2440.17o	Static	KSHO	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
4	neta2440.17o	Static	NETA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
5	rish2440.17o	Static	RISH	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
6	shoa2440.17o	Static	SHOA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
7	telv2440.17o	Static	TELV	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
8	zofi2440.17o	Static	ZOFI	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08

The right-hand property panel shows details for the selected station and receiver:

- Station:** HEFE
- Receiver:** Receiver SN: 356662, Receiver Type: LEICA GRX120, Receiver Version: 9.20/3.823
- Antenna:** Antenna Height: 0.0000, Antenna SN: LEICA GRX120, Manufacture: Leica

The bottom status bar shows the scale as 1:1659143 and the coordinate as (x=9061308.49889,y=-7829352.58089).

Tools – Static/Dynamic data conversation

The screenshot displays the 'Observation File Attribute' window in CHCNAV. On the left is a toolbar with icons for 'Observation File', 'Check', 'Station', 'Control Point', 'Baselines', and 'Repeat Baselines'. The main area contains a table with the following data:

Index	File Name	File Type	Station	Start Time	End Time	Duration	Antenna Height(m)	To A
1	ashd2440.17o	Static	ASHD	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
2	hefe2440.17o	Static	HEFE	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
3	ksho2440.17o	Static	KSHO	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
4	meta2440.17o	Static	NETA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
5				2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
6				2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
7				2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
8				2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00

A context menu is open over row 4, listing the following options:

- Open source file
- Open Directory
- Unify Station Name
- RINEX Option
- Convert to RINEX
- File Merge Into
- Convert static and dynamic types** (highlighted with a red box)
- Quality Check Configuration
- Check All Files
- Check Selected Files
- View QC Report Html

At the bottom left, a 'Message' bar shows '0 Errors' and '0 Warnings'.

Tools – Quality check

The screenshot shows the CHCNAV software interface with the 'Quality Checking' tool selected. The main window displays a table of observation files. The 'Check' button in the left toolbar is highlighted with a red box.

Index	File Name	File Type	Station	Start Time	End Time	Duration	Antenna Height(m)	To A
1	ashd2440.17o	Static	ASHD	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
2	hefe2440.17o	Static	HEFE	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
3	ksho2440.17o	Static	KSHO	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
4	rish2440.17o	Static	RISH	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
5	shoa2440.17o	Static	SHOA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.00
6	telv2440.17o	Static	TELV	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
7	zofi2440.17o	Static	ZOFI	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08
8	neta2440.17o	Dynamic	NETA	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0.08

The 'Property' panel on the right shows the following details:

- Station:** ZOFI
- Receiver:** Receiver SN: 1700474, Receiver Type: LEICA GR10, Receiver Version: 4.02/6.522
- Antenna:** Antenna Height: 0.0000, Antenna SN: LEICA GR10, Manufacture: Leica

The 'Message' panel at the bottom shows: 0 Errors, 0 Warnings, 2 Notes.

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

CHCNAV

Make your work more efficient