

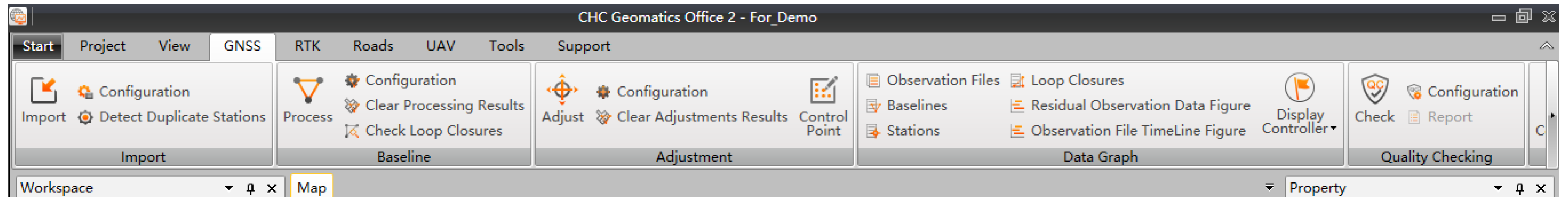
CHC Navigation Ltd

CGO2 Work Flow – Import

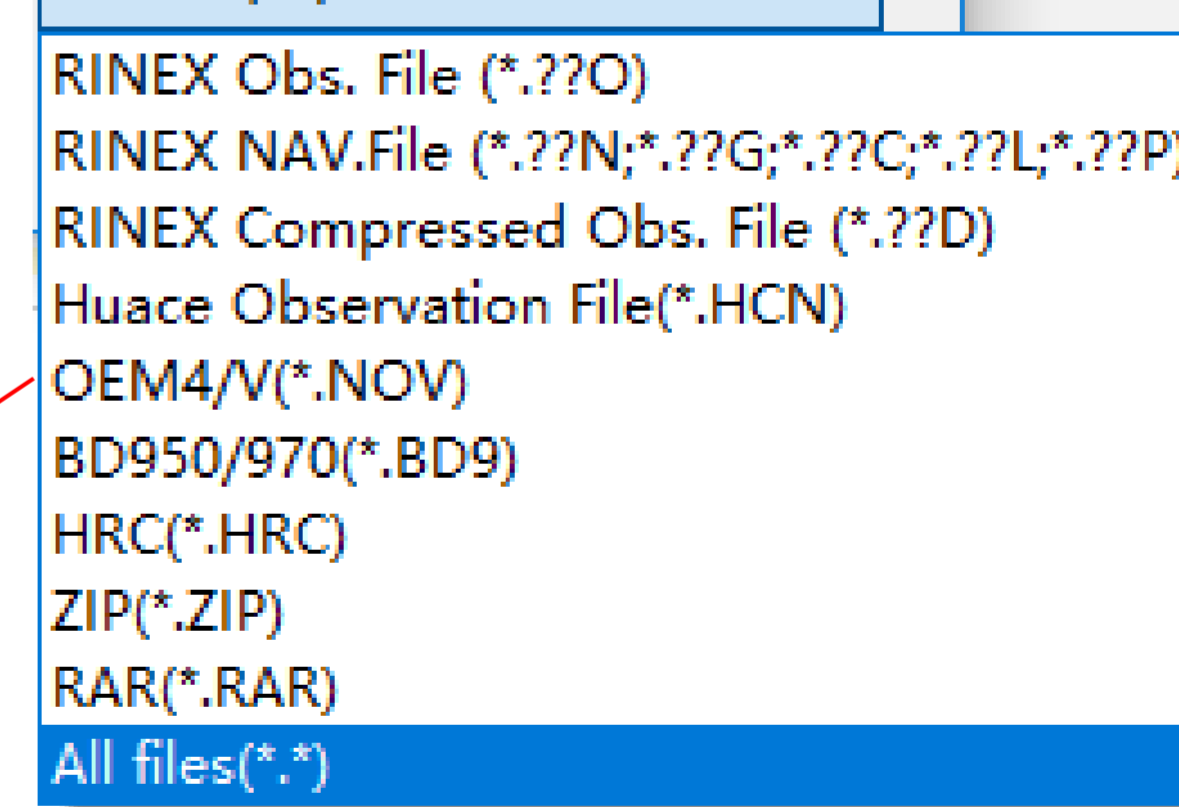
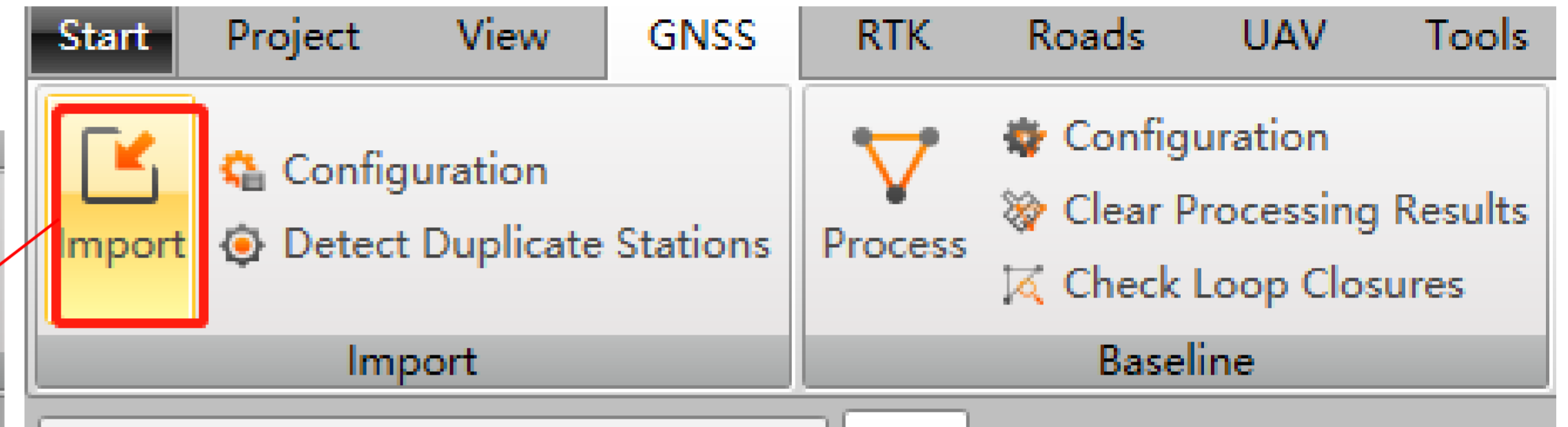
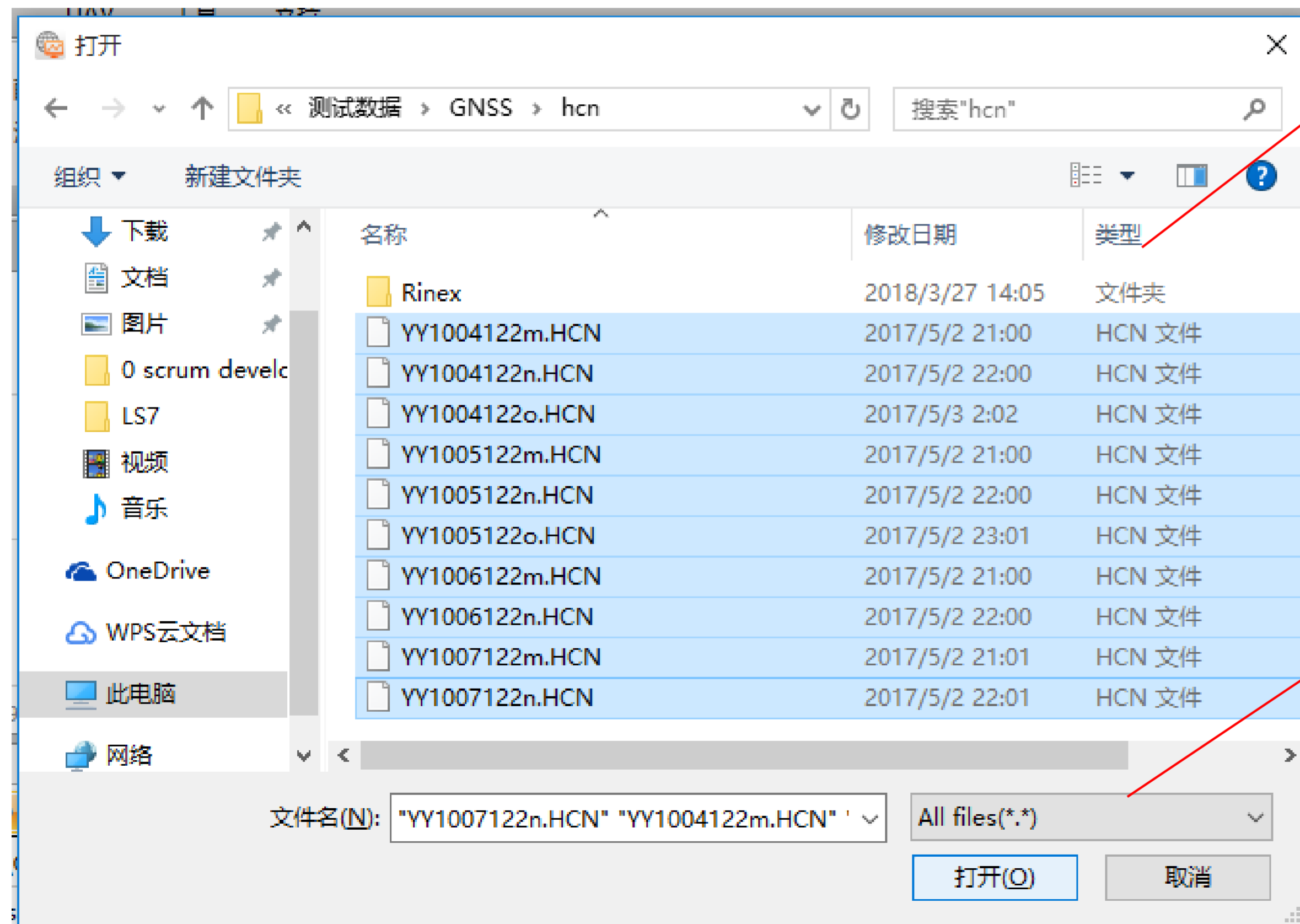
Step1: Open/create one project

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 8 rows of data. The third row, representing file 'ksho2440.17o', is highlighted in yellow. To the right of the table is a 'Property' window with a search bar and expandable sections for 'Station', 'Receiver', and 'Antenna'. The 'Antenna' section is expanded, showing fields for 'Antenna Height(m)', 'Antenna SN', and 'Manufacture'. A 'Confirm' button is highlighted with a red box at the bottom right of the property window.

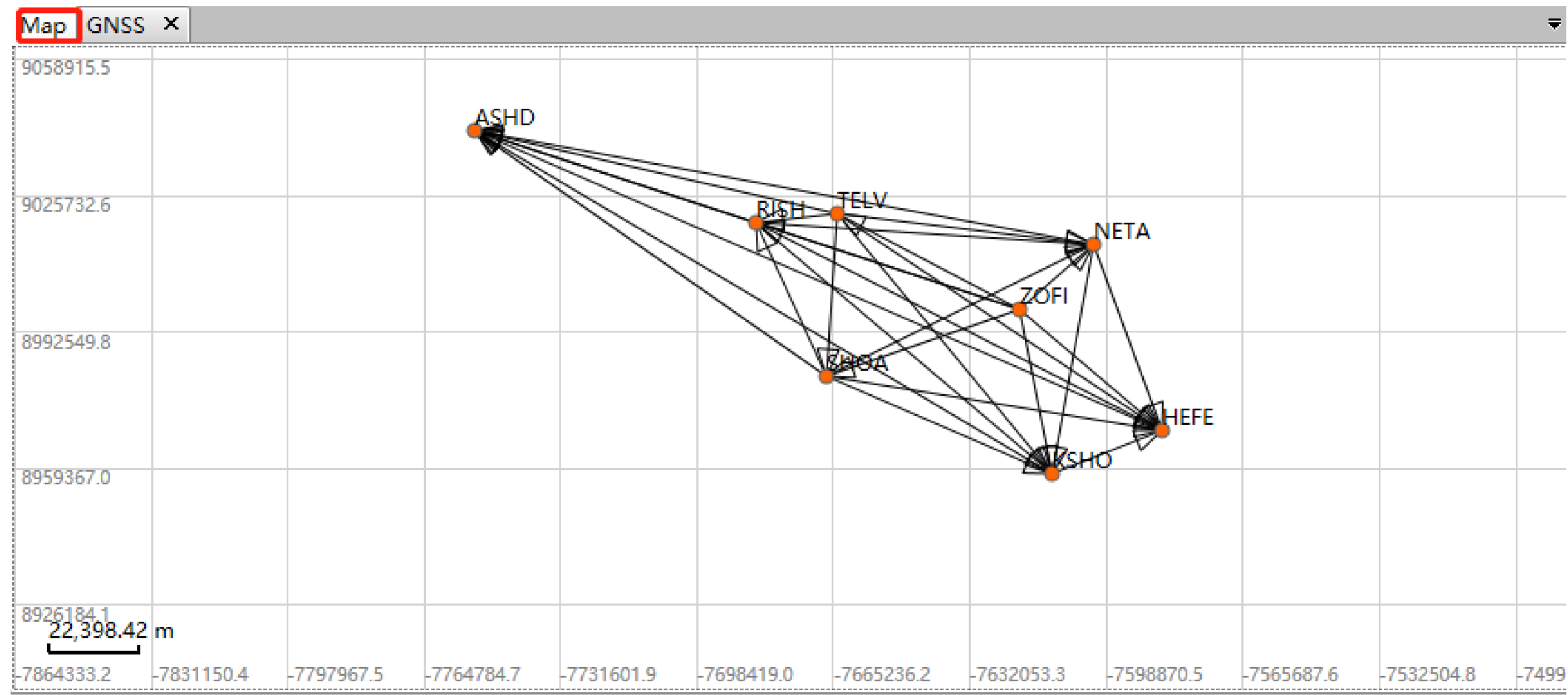
Index	File Name	File Type	Station	Start Time	End Time	Duration	Antenna Height(m)	T
1	ashd2440.17o	Static	ASHD	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
2	hefe2440.17o	Static	HEFE	2017:08:31 23:59:42	2017:09:01 23:59:12	23:59:30	0.0000	0
3	ksho2440.17o	Static	KSHO	2017:08:31 23:59:42	2017:09:01 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

Property window details:

- Station: KSHO
- Receiver: Receiver Type: LEICA GX1230, Receiver Version: 9.02
- Antenna: Antenna Height(m): 0.0000, Antenna SN: LEICA GX1230, Manufacture: Leica
- Application Options: Application Range: Curre..., Height Measured: , Antenna: , Measure To:
- Confirm button is highlighted.

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 'Observation File' highlighted in a red box. Below the toolbar is a 'Message' section showing '0 Errors' and '0 Warn'. 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 in a red box, and a red arrow points from it to the 'Precise) Single Point Map' option in the adjacent window.

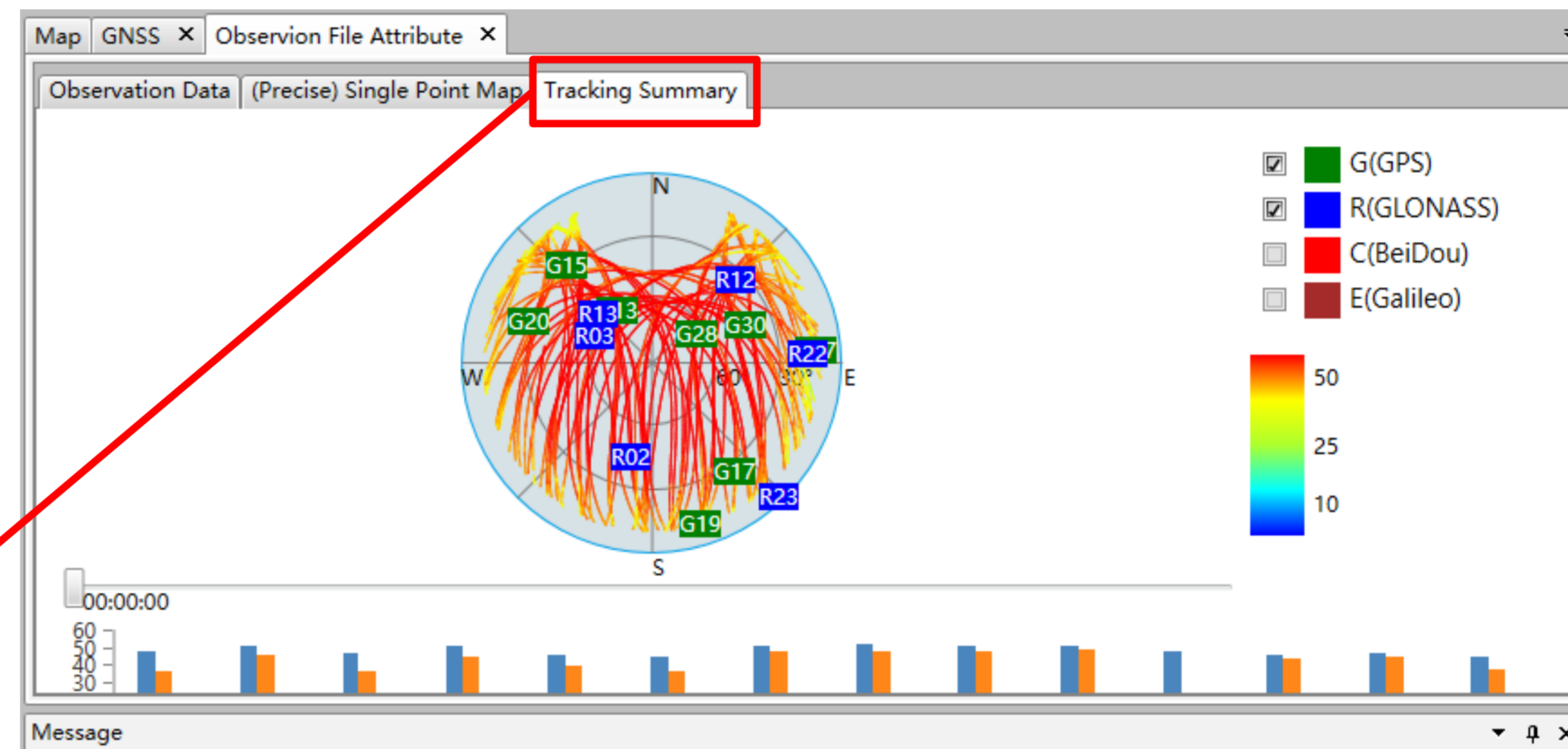
The screenshot shows the 'Precise) Single Point Map' window. The window title bar includes 'Map', 'GNSS', 'Observation File Attribute', and 'Tracking Summary'. The main area contains a scatter plot of blue points representing station locations. To the right of the plot, a text box displays the following information:

Average Coord.
 B: 31:45:59.512192N
 L: 034:37:32.969944E
 H: 44.1021791997878

Tools – Tracking Summary

The screenshot shows the CHCNAV software interface. On the left is a toolbar with icons for 'Observation File', 'Check', 'Station', 'Control Point', 'Baselines', and 'Repeat Baselines'. Below the toolbar is a 'Message' panel showing '0 Errors' and '0 Warn'. The main window displays a table with columns 'Index', 'File Name', 'File Type', and 'Station'. The first row contains '1', 'ashd2440.17o', 'Static', and 'ASHD'. A context menu is open over the first row, listing various actions. The 'Observation figure' option is highlighted with a red box. A red arrow points from this box to the 'Tracking Summary' option in the adjacent window.

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



Tools – RINEX conversation

The screenshot displays the CHC Geomatics Office 2 - For_Demo software interface. The main toolbar at the top contains several tool groups. The 'Files' group, located in the center-right, is highlighted with a red box and contains the 'Rinex Conversion' tool icon. Other visible tools include 'Adjustment', 'Data Graph', 'Quality Checking', 'Configuration', 'Resolution', and 'PPP'.

The central workspace shows a table of observation files with the following columns: Index, File Name, File Type, Station, Start Time, End Time, Duration, Antenna Height(m), and To A. The table contains 8 rows of data for various stations.

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 side of the interface features a 'Property' panel with sections for 'Station', 'Receiver', and 'Antenna'. The 'Station' section shows 'Station: HEFE'. The 'Receiver' section shows 'Receiver SN: 356662', 'Receiver Type: LEICA GRX120', and 'Receiver Version: 9.20/3.823'. The 'Antenna' section shows 'Antenna Height: 0.0000', 'Antenna SN: LEICA GRX120', and 'Manufacture: Leica'. Below the property panel is an 'Application Options' section with a 'Confirm' button.

The bottom status bar shows 'Scale: 1:1659143' and 'Coordinate: (x=9061308.49889,y=-7829352.58089)'.

Tools – Static/Dynamic data conversation

The screenshot displays the CHCNAV software interface. On the left, a vertical toolbar contains icons for 'Observation File', 'Check', 'Station', 'Control Point', 'Baselines', and 'Repeat Baselines'. The main window shows a table titled 'Observation File Attribute' with the following columns: Index, File Name, File Type, Station, Start Time, End Time, Duration, Antenna Height(m), and To A. The table contains 8 rows of data, all with 'Static' file types. A context menu is open over the table, listing various actions. The option 'Convert static and dynamic types' is highlighted with a red rectangular box. Below the table, a 'Message' bar shows '0 Errors' and '0 Warnings'.

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

- 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

Tools – Quality check

The screenshot shows the CHCNAV software interface with the 'Quality Checking' tool highlighted. The main window displays a table of observation files. The 'Check' button in the left sidebar is also visible.

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

In the United States, contact

iGage Mapping Corporation
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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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