

# CHC Navigation Ltd

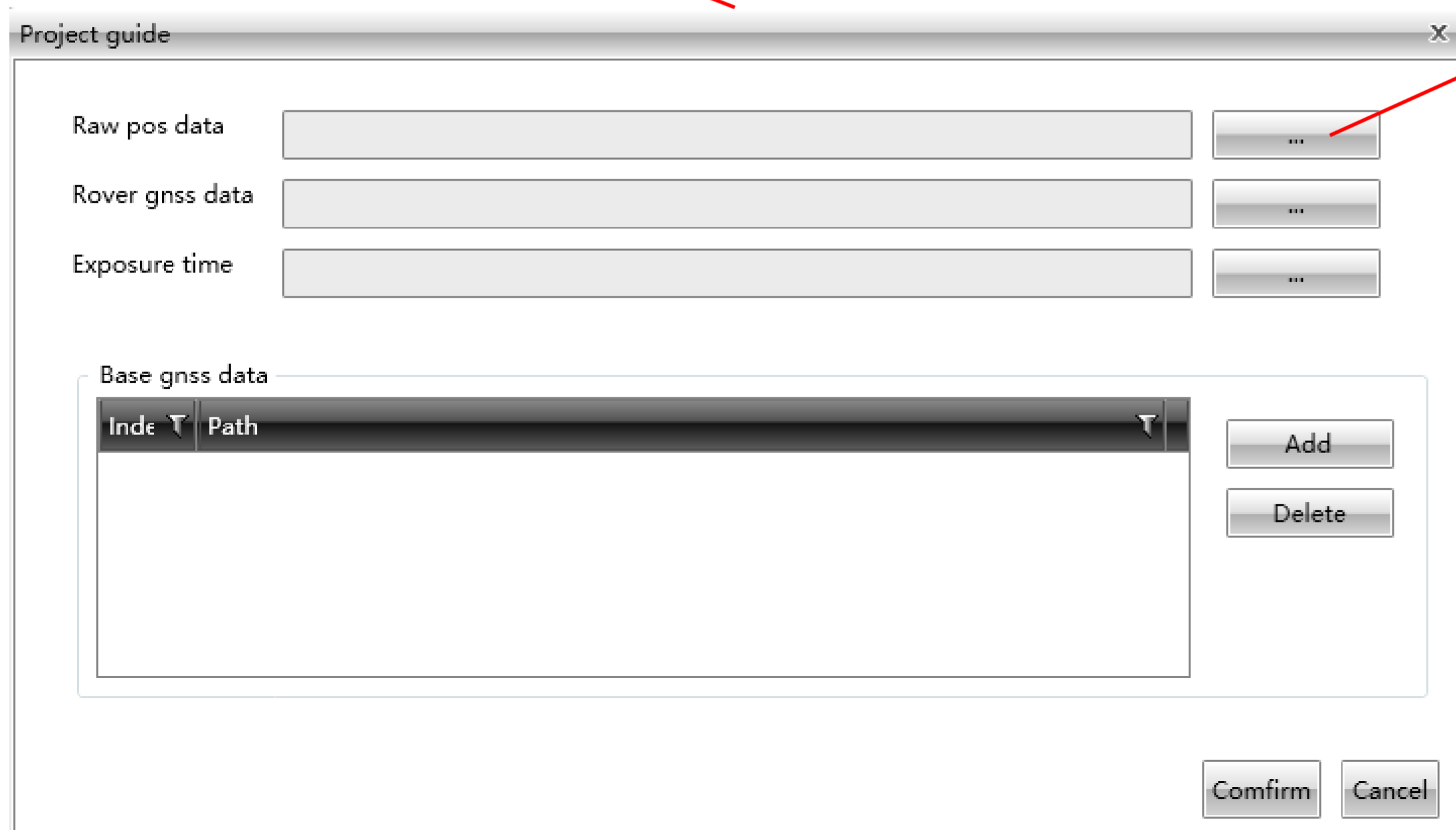
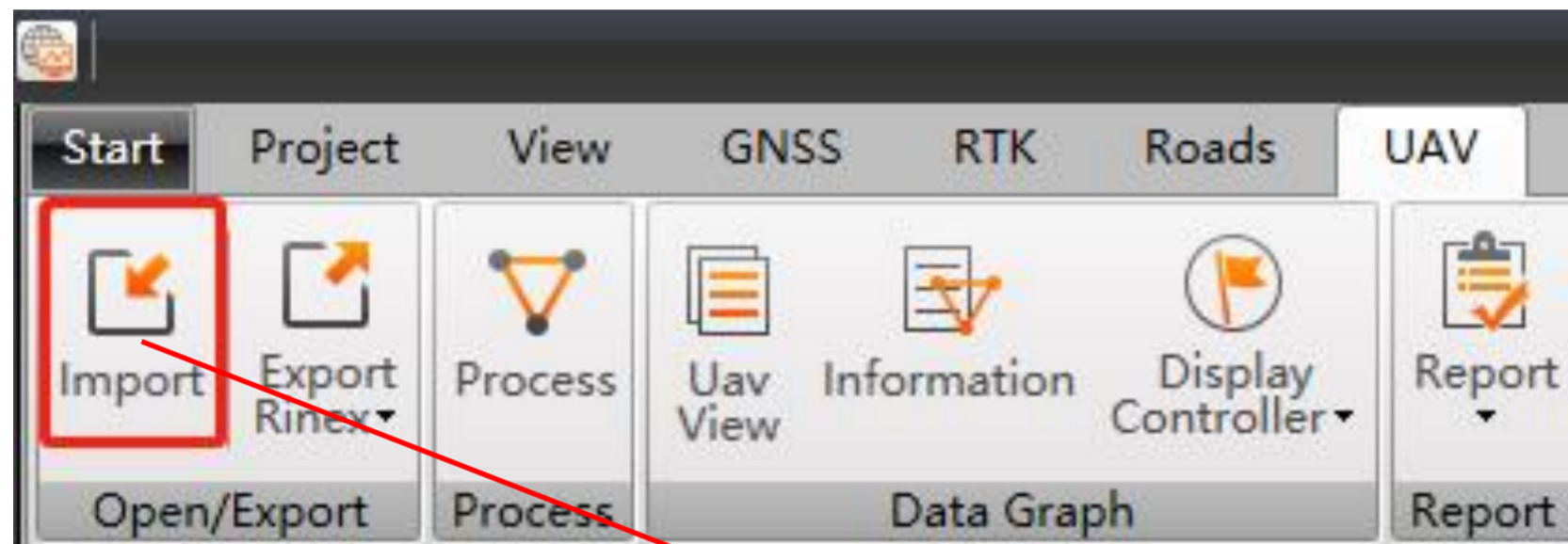
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CGO2 Work Flow – UAV

Step1: Create one new project

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

# Step2: Import POS data



名称	修改日期	类型
gps_POINT_20180108103708.TXT	2018/1/8 10:10	文本文件
Pos_Point_20180108163759.txt	2018/1/8 9:49	文本文档

The demo data can be found in  
**CGO2 Training PPT – UAV** folder

# Step3: Import rover raw data

The screenshot shows the CHCNAV software interface. The 'UAV' menu is active, and the 'Import' button is highlighted with a red box. A red arrow points from the 'Import' button to the 'Rover gnss data' field in the 'Project guide' dialog box. The 'Project guide' dialog box has the following fields:

- Raw pos data: [Text Field] [...]
- Rover gnss data: [Text Field] [...]
- Exposure time: [Text Field] [...]
- Base gnss data: [Table] [Add] [Delete]

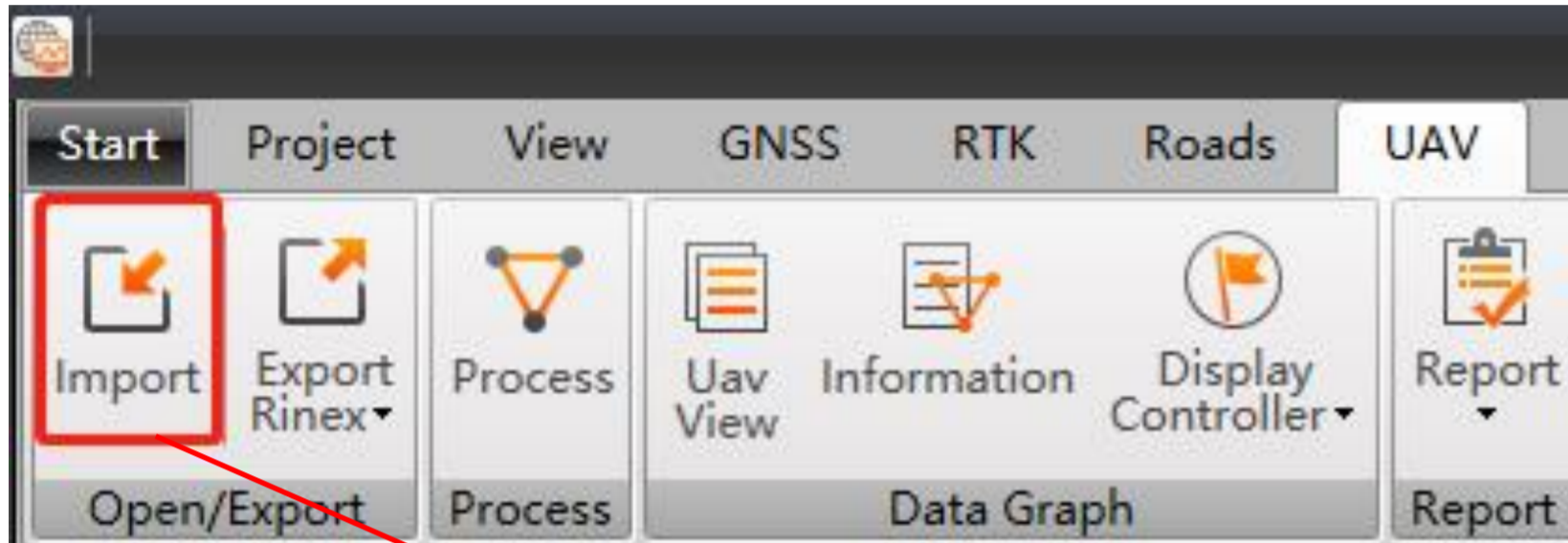
The 'Base gnss data' table has the following columns:

Inde	Path

At the bottom of the dialog box are 'Confirm' and 'Cancel' buttons.

1031035008H.HCN	2018/1/8 9:56	HCN 文件
1031035008I.HCN	2018/1/8 9:56	HCN 文件
Gps_Point_20180108163758.txt	2018/1/8 10:10	文本文档
Moving_Station_20180108163758.HCN	2018/1/8 10:04	HCN 文件
Pos_Point_20180108163759.txt	2018/1/8 9:49	文本文档
UAV.zip	2018/6/12 16:04	WinRAR ZIP 压缩

# Step4: Import Exposure time



Gps_Point_20180108163758.txt	2018/1/8 10:10	文本文档
Pos_Point_20180108163759.txt	2018/1/8 9:49	文本文档

Project guide

Raw pos data  ...

Rover gnss data  ...

Exposure time  ...

Base gnss data

Index	Path

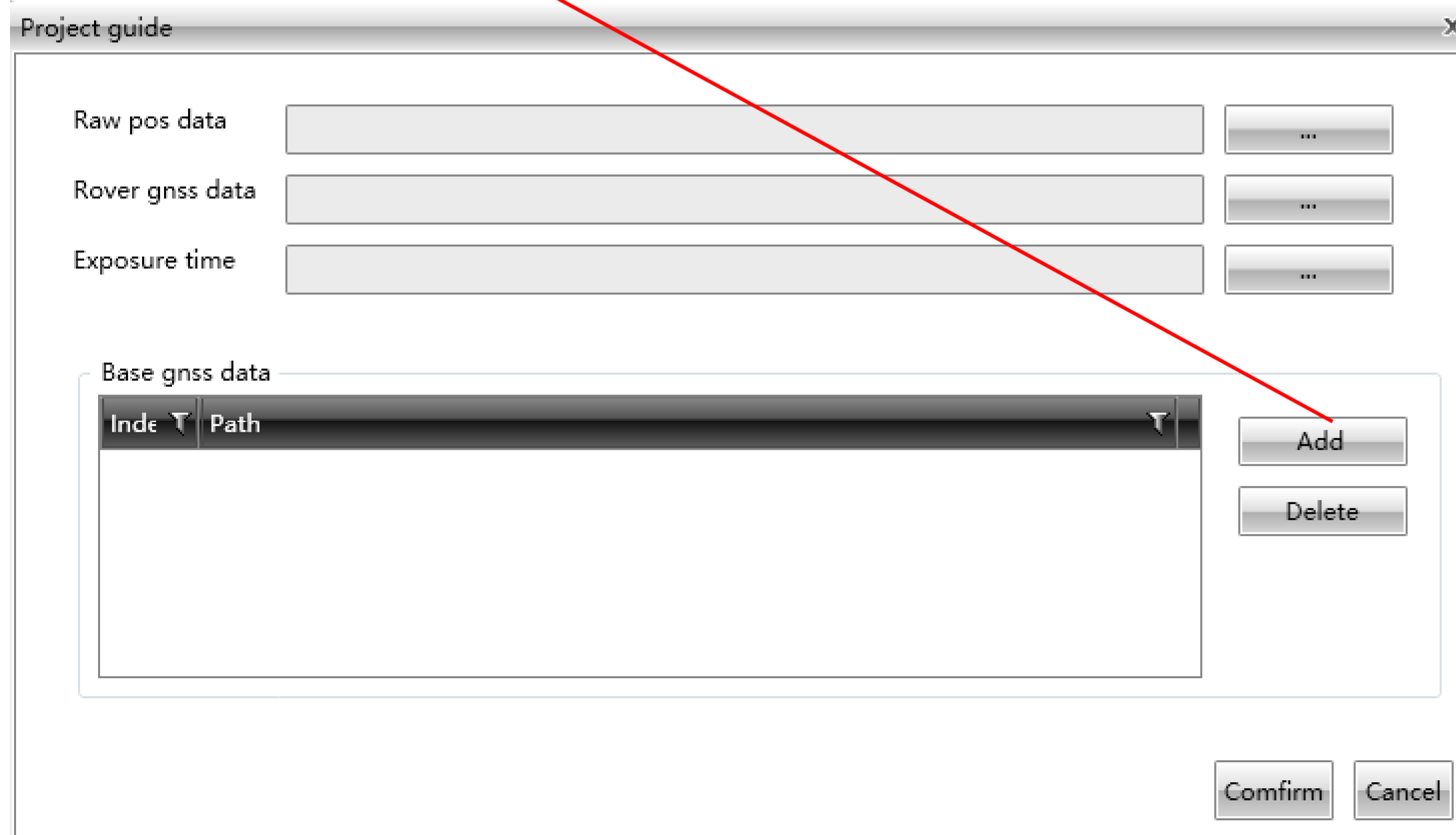
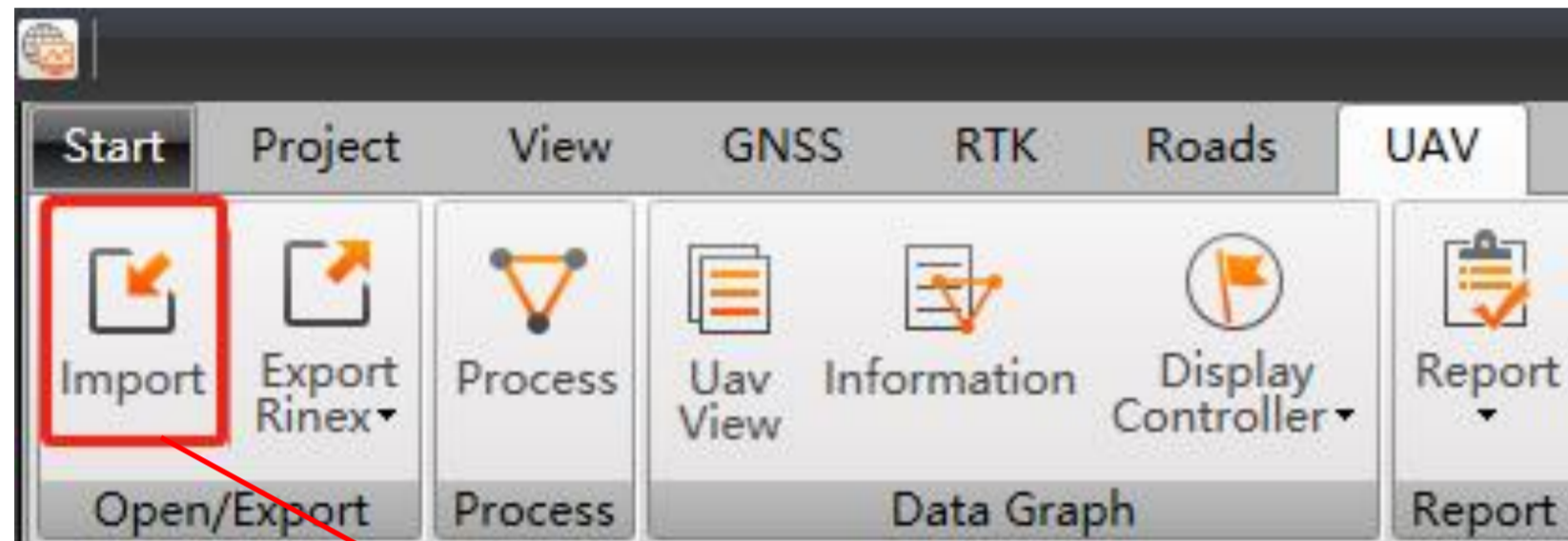
Add

Delete

Confirm Cancel

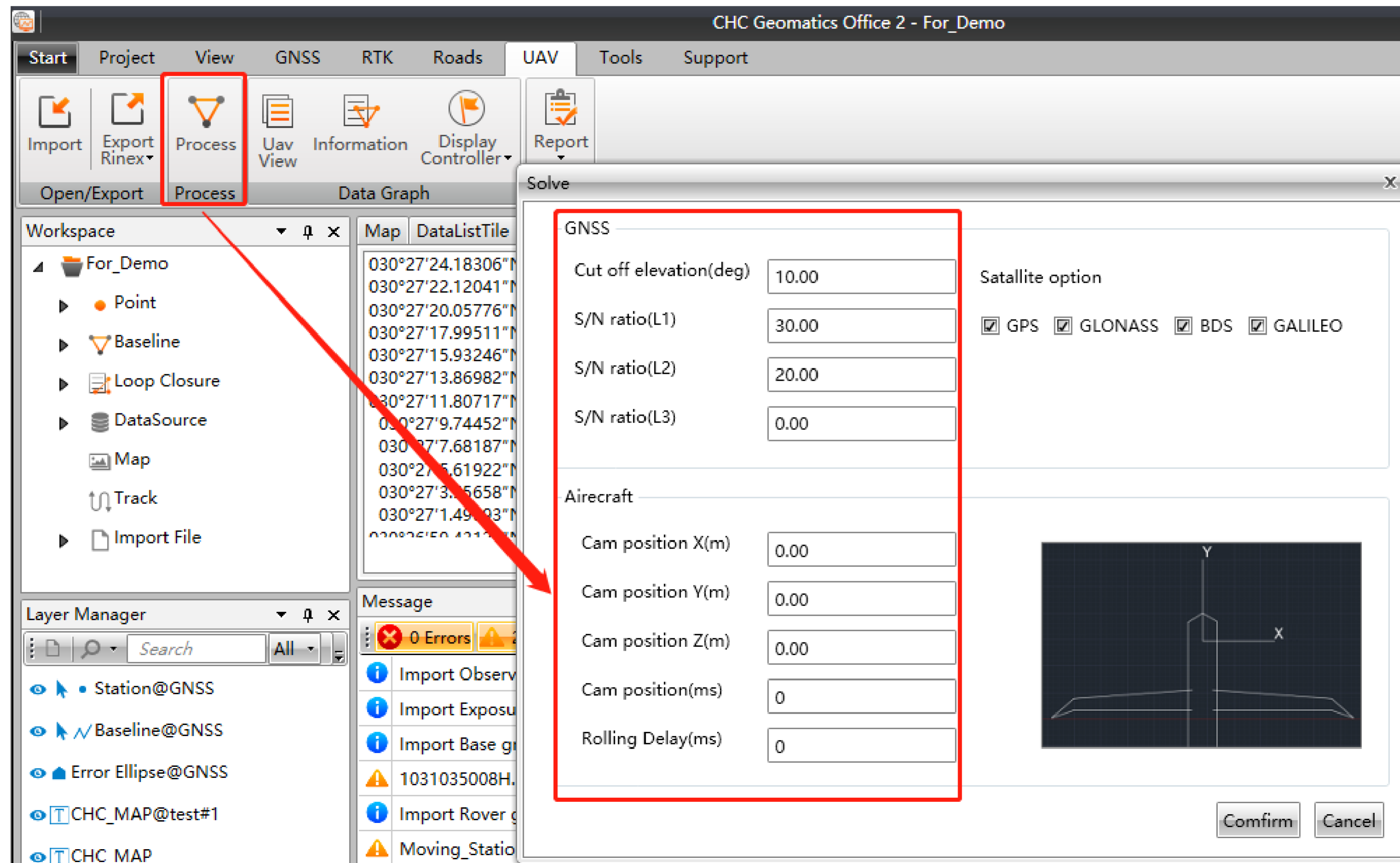


# Step 5: Import base station data

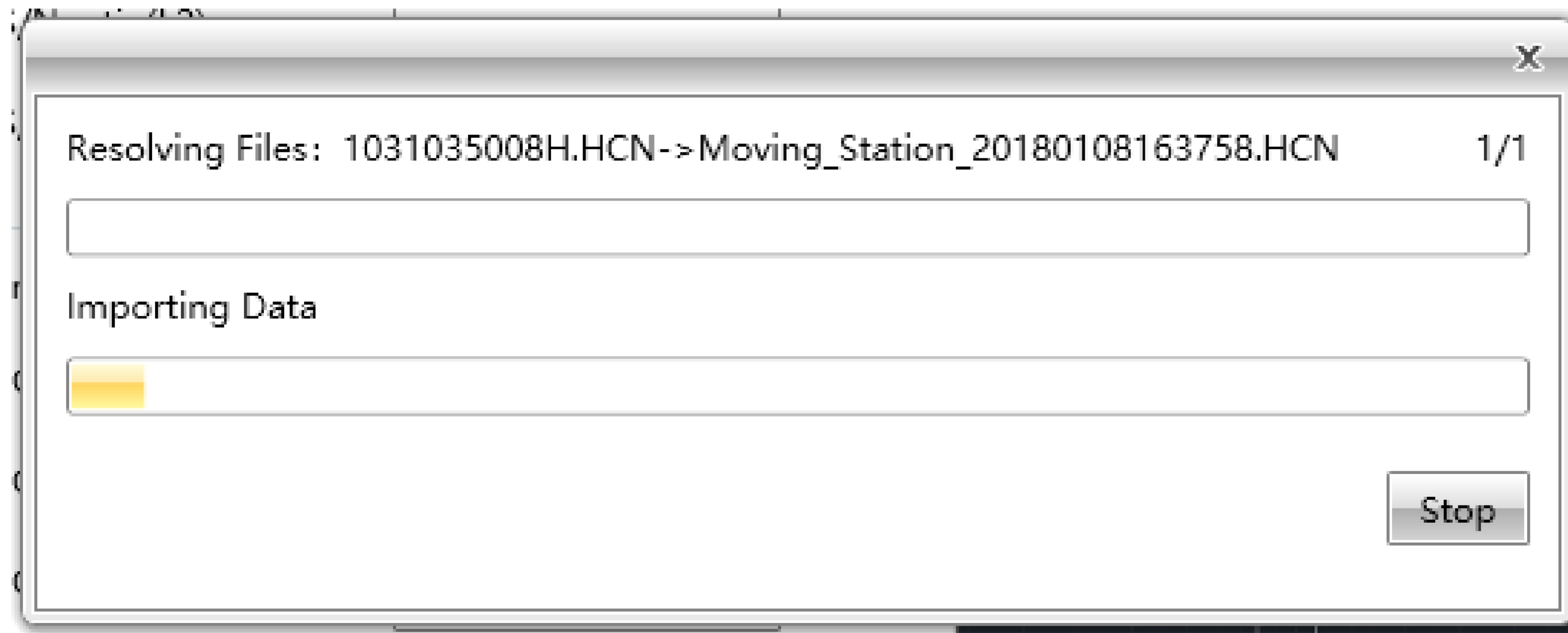


1031035008H.HCN	2018/1/8 9:56	HCN 文件
1031035008I.HCN	2018/1/8 9:56	HCN 文件
Gps_Point_20180108163758.txt	2018/1/8 10:10	文本文档
Moving_Station_20180108163758.HCN	2018/1/8 10:04	HCN 文件
Pos_Point_20180108163759.txt	2018/1/8 9:49	文本文档
UAV.zip	2018/6/12 16:04	WinRAR ZIP 压缩

# Step6: Config processing parameters

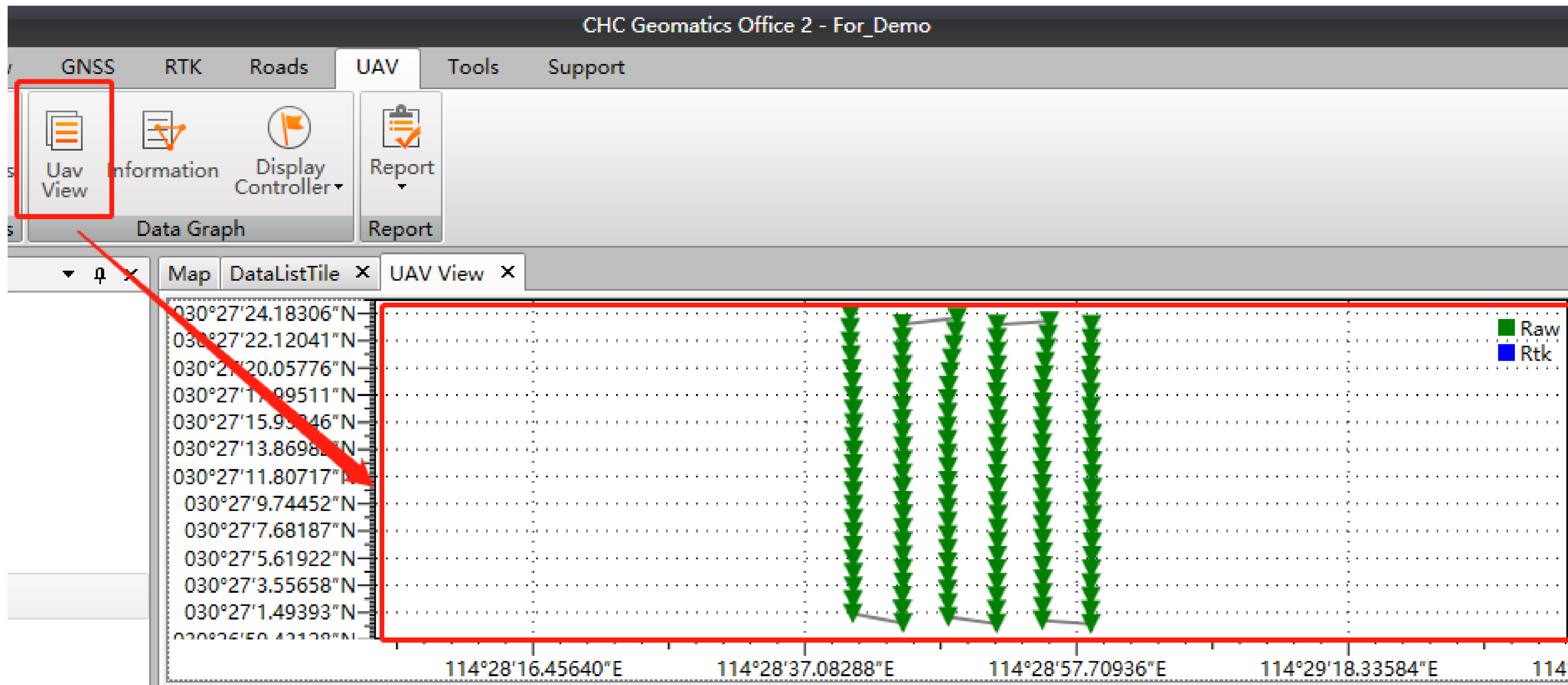


## Step7: Processing





# View – Check results



# View – Check results

CHC Geomatics Office 2 - For\_Demo

GNSS RTK Roads UAV Tools Support

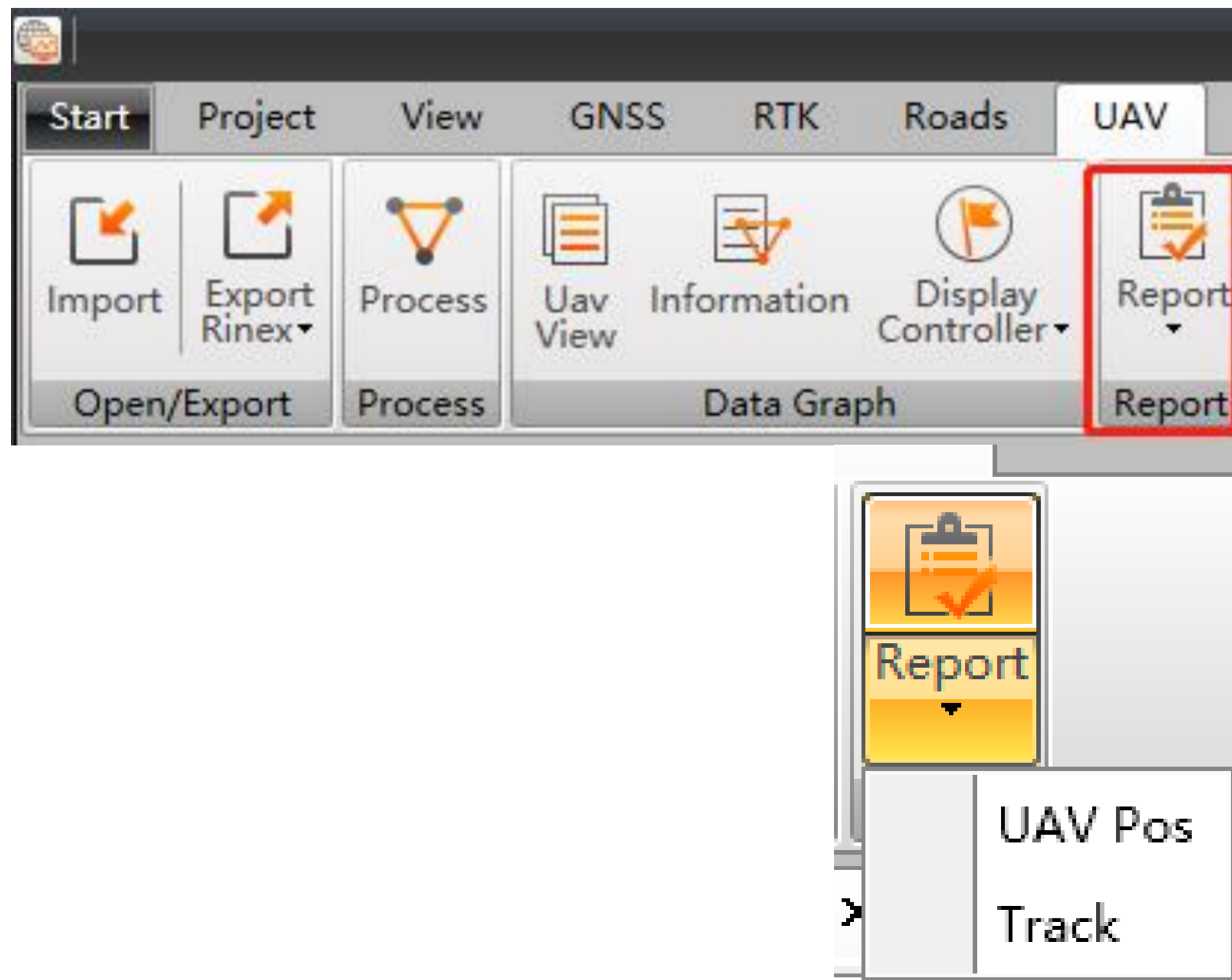
Uav View Information Display Controller Report

Data Graph Report

Map DataListTile UAV View

Pic	X	Y	Z	Longitude(WGS84)	Latitude(WGS84)	Ellipsoid Height(WGS84)
DSC00009	-2280180.87184	5008495.94386	3214025.15498	114°28'40.7964000"E	030°27'15.8508000"N	250.7341
DSC00010	-2280187.61366	5008510.28891	3213997.56330	114°28'40.8036000"E	030°27'14.8176000"N	250.4118
DSC00011	-2280193.80599	5008525.04960	3213970.18878	114°28'40.7856000"E	030°27'13.7880000"N	250.3295
DSC00012	-2280200.32781	5008540.07042	3213942.90514	114°28'40.7748000"E	030°27'12.7548000"N	250.6152
DSC00013	-2280206.82149	5008554.33404	3213915.20945	114°28'40.7748000"E	030°27'11.7216000"N	250.0881
DSC00014	-2280213.27717	5008569.20959	3213887.83195	114°28'40.7640000"E	030°27'10.6884000"N	250.1890

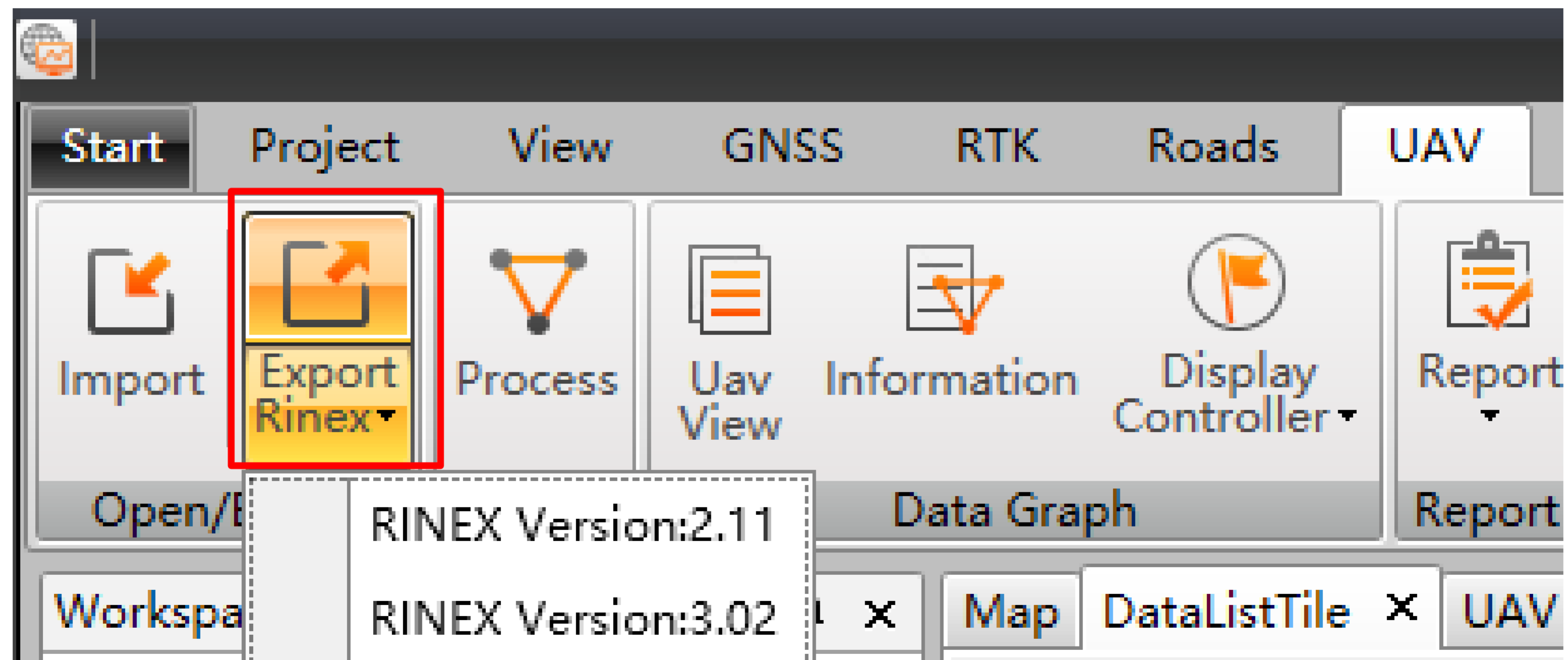
# View - Report



```

* Antenna Height (m)                : 0.0000
* Latitude                          : 030° 27' 30.3247442" N
* Longitude                         : 114° 28' 57.1629097" E
* Ellipsoid Height (m)              : 7.7052
* Fixed solution ratio              : 0%
*****
*****
Epoch (GPST),      Rover,      Type,      Solution Type, Dx (m),      std. Dx (m), Dy (m),
std. Dy (m), Dz (m),      std. Dz (m), Latitude,      Longitude,      Ellipsoid
Height (m)
2018-01-08 08:38:18.000, P11,      Kinmatic (Go), None,      0.00000, 0.00000, 0.00000,
0.00000, 0.0000, 0.00000, 030° 27' 30.0879164" , 114° 28' 57.0542018" , 6.0863,
2018-01-08 08:38:18.050, P12,      Kinmatic (Go), None,      0.00000, 0.00000, 0.00000,
0.00000, 0.0000, 0.00000, 030° 27' 30.0879164" , 114° 28' 57.0542018" , 6.0902,
2018-01-08 08:38:18.100, P13,      Kinmatic (Go), None,      0.00000, 0.00000, 0.00000,
0.00000, 0.0000, 0.00000, 030° 27' 30.0879164" , 114° 28' 57.0542018" , 6.0715,
    
```

# Export



In the United States, contact

iGage Mapping Corporation  
+1-801-412-0011

[www.igage.com/cgo2](http://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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CHCNAV

Make your work more efficient