### HGO stop & go post processing

1, found new project

| 🔯 New Proje | ect            |             |
|-------------|----------------|-------------|
| Project:    | 30-05-2012     |             |
| Directory:  | C:\HGO Project | Explore (E) |
|             | ОК             | Cancel      |

2, input the project info

| 💽 Project Properties          |        |
|-------------------------------|--------|
| Infomation Tolerance Advanced |        |
| Project:                      |        |
| Construction:                 |        |
| Principal:                    |        |
| Surveyor:                     |        |
| Start date : End date:        |        |
| Description:                  |        |
| Time Zone: 0 👻                |        |
| OK                            | Cancel |

3 ,define the coordinate system

| Coordinate      |   |
|-----------------|---|
| File: default1  | ▼ Save  |
| Ellipsoid Proje | ection Convert Plane Height Fitting 2nd Grid Config |
| Source Ellip    | WGS 1984 👻  |
| a(m):           | 6378137   |
| 1/f:            | 298.2572236   |
| Target Ellip    | Krassovsky 1940 🗸                                   |
| a(m):           | 6378245   |
| 1/f:            | 298.3   |
|                 |   |
|                 |   |
|                 |   |
|                 |   |
|                 |   |
|                 | OK Cancel   |

4、 click 【Import Files】, import the observe file, choose the form of the observe file.

| K Import        |                      |   |                   |
|-----------------|----------------------|---|-------------------|
| File Type       | Extention            |   | Select Files(S)   |
| ZHD File        | *.ZHD<br>* 220:* OBS |   |                   |
| SP3 File        | *. SP3               |   | Select Folder (F) |
| 🗹 GNSS Raw File | *.GNS                |   | Auto 🔻            |
|                 |                      |   |                   |
| <               | 11                   | • | Cancel (C)        |

Remark: \*.ZHD, GNSS are static observe file, can export from the receiver, currently hi-target only support to export zhd file.

5, import RSP file (stop-go time file, to collect it through hi-static software)



#### add station coordinate 6,

Double click "base" under [point], add coordinate for this point(if use cors as base, just check the coordinate)

|                     | Station                 |                                    |  |  |  |  |
|---------------------|-------------------------|------------------------------------|--|--|--|--|
|                     | Source: Rinex base, 120 |                                    |  |  |  |  |
|                     | Point WGS84 Target      |                                    |  |  |  |  |
| 🖃 📲 AllNet          |                         |                                    |  |  |  |  |
| 🚍 🏘 Points          |                         | 💿 Spatial (XYZ) 🛛 💿 Geodetic (BLH) |  |  |  |  |
| 🔍 0505              |                         |                                    |  |  |  |  |
| base                | B:                      | 23:12:00.000000N                   |  |  |  |  |
| 🛨 💝 Baselines       |                         |                                    |  |  |  |  |
| - Repeat Daseline   | L:                      | 113:30:00.000000E                  |  |  |  |  |
|                     |                         |                                    |  |  |  |  |
|                     | Ellipsoid H(m):         | 447.9500 m                         |  |  |  |  |
| 0505. zsd           |                         |                                    |  |  |  |  |
| base. zsd           |                         |                                    |  |  |  |  |
| 🗄 🛁 Ephemeris Files |                         | Edit (E) Apply (A)                 |  |  |  |  |
|                     |                         |                                    |  |  |  |  |

7, calculating the stop-go data.



to do calculating.

# ΗΙ•ΤΛRGET





### $8_{\gamma}$ check the calculating report.

..... naze

choose Baselines, right-click the baseline, choose [report], to see the

### calculating report.

| 30-05-2012                             |  |  |              |                                      |               |          |           |        |            |        |
|--|--|--|--------------|--------------------------------------|---------------|----------|-----------|--------|------------|--------|
| AllNet                                 |  | Project Plot   | Baselines    | Data Plot                            | Repeated Bas  | selines  | Sync Loop | Asyno  | : Loop     |        |
|  |  | Enable   | Name         |                                      | Type          | Start    | End       | Time   | Spa Result | Freque |
| 📟 🥥 base                               |  | 1 Yes  | hase zsd-0   | 505 zsd                              | Dynamic       | hase     | 0505      | 18     | Finished   |        |
| E- 💝 Baselines                         | 1-0F0F 1   | Proc   | ess Options  | ;(O)                                 |               | -        |           |        |            |        |
| E Repeat Bas                           | a-0505. zsa<br>eline   | Proc   | cess Line(P) |                                      |               |          |           |        |            |        |
| Sync Loop                              |  | Rep  | ort(R)       |                                      |               |          |           |        |            |        |
| Async Loop                             | - 17:1   |  |              |                                      |               |          |           |        |            |        |
| 0505. zs                               | d rifes  | Dele   | ete(D)       |                                      |               |          |           |        |            |        |
| 🔤 🔤 base. zs                           | d  | Disa   | ible(F)      |                                      |               |          |           |        |            |        |
| 🗄 🔚 Ephemeris 1                        | Files  | Enal   | ble(E)       |                                      |               |          |           |        |            |        |
|  |  | Inve   | rt(I)        |                                      |               |          |           |        |            |        |
|  |  | Data   | a and Residu | ual Track(T)                         |               |          |           |        |            |        |
| 1                                      |  |  |              |                                      |               |          |           |        |            |        |
| 🕑 base.zsd-0505.zsd - 360安             | 全浏览器 4.0 正式版   |  | 8            | 请登录 文件(E)                            | 查看(V) 收藏(B)   | 帐户(U)    | 工具(工) 帮助  | )(H) ( | • _ O X    |        |
| <>> × ↔                                | 今 恢复 ▼   | /HGO%20Project/30-05-20  | 12/Report/Mo | ve/base.zsd-05                       | 505.zsd.htm 🗸 | ∮加速 ▶    | 📓• 输入文章   | 字,直接   | 搜索 Q       |        |
| ஒ 收藏 → 🛛 🚼 谷歌 🛃 网址                     | 大全 🎴 编程知识 🎴 淘宝 🙇 Google 💧  | GCSDN 🔏.NET 开 📔 技校   | M音悦Tai 🔏     | MSDN »                               | 🔤 邮件 👻 😥      | 游戏 - 😝 🕅 | 网根 👻 🔜 截图 | ▲ 医翻迭  | • 👕 应用盒子 • |        |
| 🔲 💣 base.zsd-0505.zsd                  | × +  |  |              |                                      |               |          |           |        |            |        |
| Content                                | 1.Reference:   |  |              |                                      |               |          |           |        | E          |        |
| Stop&Go                                | Variable   |  |              | Value                                |               |          |           |        |            |        |
| 1.Reference:<br>2.Coordinate Parameter | Marker name:<br>Marker code:   |  |              | base                                 |               |          |           |        |            |        |
| 3.Stop Report<br>4.Go Report           | WGS84 X(m):<br>WGS84 Y(m):   |  |              | -2338994.4234<br>5379318.8927        |               |          |           |        |            |        |
|  | WGS84 Z(m):  |  |              | 2497268.9877                         |               |          |           |        |            |        |
|  | WGS84 latitude:<br>WGS84 longitude:  |  |              | 023:12:00.00000N<br>113:30:00.00000E |               |          |           |        |            |        |
|  | WGS84 height(m):   |  |              | 447.9500                             |               |          |           |        |            |        |
|  | East(m)  |  |              | 2566774.6453<br>448814.1146          |               |          |           |        |            |        |
|  | Up(m)  |  |              | 447.9500                             |               |          |           |        |            |        |
|  | Receiver type:<br>Receiver version:  |  |              | HD-V30                               |               |          |           |        |            |        |
|  | Receiver S/N:  |  |              | 3003162                              |               |          |           |        |            |        |
|  | Antenna type:  |  |              | V30                                  |               |          |           |        |            |        |
|  | Antenna height(m):   |  |              | 2.0631                               |               |          |           |        |            |        |
|  | Measured to:   |  |              | Anttena Bottom                       |               |          |           |        |            |        |
|  | 2.Coordinate Para  | meter  |              |                                      |               |          |           |        |            |        |
|  | Datum Name:<br>Bilipsoid:<br>Major Axis:<br>Inverse Flattenning:<br>Projection Method<br>Central Meridan:<br>Central Latitude:<br>Original Latitude: | default1<br>Krassovsky 1940<br>6378245<br>298.3<br>Guass 3<br>114:00:00.000000E<br>000:00:00.000000N<br>000:00:00.00000N |              |                                      |               |          |           |        |            |        |
| 完成                                     | -  |  |              | 🗖 切打                                 | 與浏览模式 🔂 IE打开  | F 😭 💷 🗖  | 🔵 🐻 😨 下载  | - 🏿 🖻  | The ho     |        |