| AND | Doc | : Quick Guide | Date | : 13 Oct. 2017 | OTIVE |
|---|-------------|--------------------------|---------|------------------|--------|
| | Section | : Receiver Configuration | Revised | : | PINE + |
| | Title | : Trimble R10 RTK System | Page | : 1 of 12 | PAG |
| | Prepared by | : SANA | | | *NAN |

1.0 Introduction

This document outlines the step by step procedure in configuring Trimble R10 GNSS RTK System for real time kinematic (RTK) operations using PAGeNet real-time correction service.

The RTK configuration is done via the controller that comes with the R10 RTK System. Corrections are sent using NTRIP (Networked Transport of RTCM via Internet Protocol) and Wi-Fi connection as data link.

The R10 receiver interface, including its button functionalities and LED indicators, are shown below:





EODA

Figure 1. R10 receiver, LED indicators

| HURLEY THE | Doc | : Quick Guide | Date | : 13 Oct. 2017 | OTIVE |
|--|-------------|--------------------------|---------|------------------|-----------|
| | Section | : Receiver Configuration | Revised | : | PINE + |
| | Title | : Trimble R10 RTK System | Page | : 2 of 12 | dilla PAG |
| | Prepared by | : SANA | | | *NA |

2.0 Real Time Kinematic Survey

- 2.1 Turn on the receiver by pressing the power button.
- 2.2 Enable internet connection.

Before proceeding, make sure that the Wi-Fi source is turned on and working. The source may be a pocket Wi-Fi device, a mobile wireless hotspot, or a wireless network. Have the network key at hand if this is required to connect to the network.

GEODA

- 2.3 Turn on the **Controller** and the Wi-Fi feature of the controller.
 - To open **Wireless Manager**, click on the icon located on the top right portion of the screen.



- Then click on **Dial** or **Signal** icon.





- Click on Wireless Manager.



- If internet source is shared via Wifi, turn on Wi-Fi option.



- Click on the Wi-Fi option to display available connections.



Mapping the Philippines, Linking the World



- Click on show all network to display all available Wi-Fi sources.



- Select your preferred network and then click Connect





| APPLICATION AND APPLICATION AN | Doc | : Quick Guide | Date | : 13 Oct. 2017 | STIVE GEODE |
|--|-------------|--------------------------|---------|----------------|-------------|
| | Section | : Receiver Configuration | Revised | : | And the H |
| | Title | : Trimble R10 RTK System | Page | : 5 of 12 | PAGENET |
| * 1987 * hill | Prepared by | : SANA | | | *MAMELA* |

- Once connected, test internet connection by opening the controller's web browser and test using common websites, e.g., <u>www.google.com</u> or <u>www.yahoo.com</u>.



 Or type in PAGeNet's IP address (i.e., http://122.55.96.59:2101) to test at the same time whether internet connection has been established and PAGeNet service is working. If both are working, the browser should display the source table as shown below:

```
SOURCETABLE 200 OK
  Server: GNSS Spider 7.0.1.7266/1.0
 Date: Fri, 23 Aug 2019 05:38:32 GMT Standard Time
Content-Type: text/plain
 Content-Length: 4857
   STR;PTAG_RTCM3;PTAG_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;14.54;121.04;0;0;Leica GNSS Spider;none;B;Y;9600;
 STR;PDAV_RTCM3;PDAV_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;7:13;125.64;0;0;Letica GNSS Spider;none;B;Y;9600;
STR;PDAV_RTCM3;PDDN_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;7:46;125.78;0;0;Letica GNSS Spider;none;B;Y;9600;
STR;NB_RTCM3;NB_RTCM3;RTCM 3;;2;GPS;PageNET;;14.54;121.04;1;0;Letica GNSS Spider;none;B;Y;9600;
STR;NB_RTCM3;NB_RTCM3;RTCM 3;;2;GPS;PageNET;;14.54;121.04;1;0;L2:G GNSS Spider;none;B;Y;9600;
STR;PTG_RTCM3;DFGV_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;14.10;120.94;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PTC_RTCM3;PTC_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;15.47;120.59;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PTC_RTCM3;PTC_RTCM3;RTCM 3;;2;GPS & GLO;PageNET;;14.28;121.44;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PTC_RTCM3;PFC_RTCM3;RTCM 3;;2;GPS+GLO;PageNET;;14.28;121.44;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PPC_RTCM3;PFC_RTCM3;RTCM 3;;2;GPS+GLO;PageNET;;9.77;118.74;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PTA_RTCM3;PTA_RTCM3;RTCM 3;;2;GPS+GLO;PageNET;;12.5125.00;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;;2;GPS+GLO;PageNET;;12.5124.66;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;;2;GPS+GLO;PageNET;;12.545;124.69;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;2;GPS+GLO;PageNET;;12.545;124.69;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;2;GPS+GLO;PageNET;12.545;124.69;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;2;GPS+GLO;PageNET;125.45;124.69;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;2;GPS+GLO;PageNET;15.45;124.69;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCA_RTCM3;PCA_RTCM3;RTCM 3;2;GPS+GLO;PageNET;155.45;124.69;0;Leica GNSS Spider;noRSS;PCA_RTCM3;PCA_RTCM3;PCA_RTCM3;RTCM3;RTCM3;RTCM3;PCA_RTCM3;PCA_RTCM3;PCA_RTCM3;PCA_RTCM3;PCA_RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM3;RTCM
 STR;PSIR_TCM3;PSIR_TCM3;RTCM 3;;2;GPS+GL0;PageNET;;15.02;120.08;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSIR_TCM3;PCEB_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;10.02;123.89;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PBAT_RTCM3;PBAT_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.05;120.55;0;0;Leica GNSS Spider;none;B;Y;9600;
 STR;PBAY_RTCM3;PBAY_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;16.48;121.14;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PCDN_RTCM3;PCDN_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;17.17;120.44;0;0;Leica GNSS Spider;none;B;Y;9600;
 STR;PCOT_RTCM3;PCOT_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;7:20;424.25;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PDIP_RTCM3;PDIP_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;8:59;123.34;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PDIM_RTCM3;PDUM_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;9:32;123.30;0;Ueica GNSS Spider;none;B;Y;9600;
STR;PDUM_RTCM3;PDUM_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;14.9;121.3.0;09;Leica GNSS Spider;none;B;Y;9600;
STR;PEQ_RTCM3;PEU_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;16.06;125.13;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PEQ_RTCM3;PEU_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;10.76;122.55;09;Leica GNSS Spider;none;B;Y;9600;
STR;PEL_RTCM3;PAL_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;10.76;122.55;09;Leica GNSS Spider;none;B;Y;9600;
STR;PKA_RTCM3;PKA_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;11.22;37;09;Leica GNSS Spider;none;B;Y;9600;
STR;PKA_RTCM3;PMA_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;11.23;123.63;09;Leica GNSS Spider;none;B;Y;9600;
STR;PMA_RTCM3;PMA_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;11.47;121.86;09;0;Leica GNSS Spider;none;B;Y;9600;
STR;PMMS_RTCM3;PNMV_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;12.42;0.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PMR_RTCM3;PSUR_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;12.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;;2;GPS4GL0;PageNET;;12.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;;14.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;;14.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;;14.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;;14.44;120.49;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;;14.40;140;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PSUR_RTCM3;PSUR_RTCM3;RTCM 3;2;GPS4GL0;PageNET;150;PMS
 STR;PRAG_RTCM3;PBTS_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;14.95;121.98;90;91;eica GNSS Spider;none;B;Y;9600;
STR;PBS_RTCM3;PBTS_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;14.98;120.93;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PBS_RTCM3;PBTS_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.19;126.35;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PPAG_RTCM3;PBTS_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;78.31;23.46;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PFMG_RTCM3;PFMG_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.45;122.14;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PFMG_RTCM3;PNAG_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.45;122.14;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PFMAG_RTCM3;PNAG_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.45;122.14;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PFMAG_RTCM3;PNAG_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;18.45;122.14;0;0;Leica GNSS Spider;none;B;Y;9600;
  STR;PLEG_RTCM3;PLEG_RTCM3;RTCM 3;j2;GPS+GLO;PageNET;;13.16;123.20;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PNDO_RTCM3;PNDO_RTCM3;RTCM 3;j2;GPS+GLO;PageNET;;11.20;119.42;0;0;Leica GNSS Spider;none;B;Y;9600;
 STR;PSJN_RTCM3;PSJN_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;13.79;121.41;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PTUG_RTCM3;PTUG_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;17.66;121.75;0;0;Leica GNSS Spider;none;B;Y;9600;
STR;PMRM_RTCM3;PMRM_RTCM3;RTCM 3;;2;GPS+GL0;PageNET;;7.86;125.06;0;0;Leica GNSS Spider;none;B;Y;9600;
   STR;PTAG_RTCM3_MSM4;PTAG_RTCM3_MSM4;RTCM 3;;2;GPS+GLO+GAL+BDS+QZSS;PageNET;;14.54;121.04;0;0;Leica GNSS Spider;none;B;Y;9600;
   ENDSOURCETABLE
```



2.4 Once internet connection and PAGeNet are confirmed working, open **TRIMBLE ACCESS.**



2.5 Go to Settings then Connect.



2.6 Create GNSS contacts

| Sonnect | -> ⊘ ? - × |
|------------------------|--------------|
| Internet Setup | |
| <u>G</u> NSS contacts | |
| <u>Auto connect</u> | |
| <u>R</u> adio settings | |
| Bluetooth | |
| Compass | |
| Back No survey PE | DOP:1.5 Next |

| RESOURCE AND ALLOW | Doc | : Quick Guide | Date | : 13 Oct. 2017 | STIVE GEODE |
|--------------------|-------------|--------------------------|---------|----------------|-------------|
| | Section | : Receiver Configuration | Revised | : | AN THE |
| | Title | : Trimble R10 RTK System | Page | : 7 of 12 | PAGENET |
| * HW * 1987 * HIL | Prepared by | : SANA | | | *MAMELA* |

- Select **NEW** and name it as preferred. Contact type should be **Internet rover** and Network Connection should be **Wi-Fi, Active sync.**

|) ه | GNSS contacts | -> ⊘ ? - × | Edit GNSS contact | -3 Ø ? - × |
|-----|---------------------------------------|------------|--|---|
| Nam | e | Туре | Name: agntest | |
| | | | Contact type: Internet rover Bluetooth modem: None APN: ? | Network connection: Wi-Fi, Active sync |
| Esc | No survey PDOP:1.6 New Delete Copy | Edit | Esc | Config Store |

- Input you're **NTRIP username** and **password** (this is your PAGeNet username and password). The I.P. address is **122.55.96.59** and I.P. Port is **2101** for single base correction or **2102** for network-RTK correction. **Store** your configuration.

| Edit GNSS con | tact 🛛 🥥 ? 🗕 🗙 |
|----------------------------------|---------------------------------|
| _C NTRIP Configuration | n |
| Use NTRIP: | Use NTRIP v1.0: |
| Use proxy server: | Connect directly to Mountpoint: |
| NTRIP username: | NTRIP password: |
| IP Address: 122.55.96.59 | IP Port: 2101 2/3 |
| Esc | Config |

- Select the newly created GNSS Contact and then hit **Connect**. **"Internet connection established"** message should appear, then press **Esc**.

| 🖗 Gl | VSS co | ntacts | | -) (|) ? - X |
|------|--------|-----------|------------|--------------|----------------|
| Name | | | | Туре |) |
| agi | ntest | | | Inter | met rover |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | - h Mark and | |
| Esc | Inter | met conne | ection est | ablished | Edit |
| | new | Delete | Copy | Connect | |

| AND RESOURCE AND ALLONG | Doc | : Quick Guide | Date | : 13 Oct. 2017 | STIVE GEODE |
|--|-------------|--------------------------|---------|----------------|--|
| | Section | : Receiver Configuration | Revised | : | AN I I I I I I I I I I I I I I I I I I I |
| | Title | : Trimble R10 RTK System | Page | : 8 of 12 | PAGENET |
| | Prepared by | : SANA | | | *MAMELA* |

2.7 Select Survey Styles



- Create a new Survey Style. Set Style type to GNSS, then Accept.

| Survey Styles | - 3 0 | ? – × | Style details | - 3 Ø |
|---------------|-------------------|----------|--------------------|--------------|
| Name | Size Modified | Location | Style name: | |
| RTK | 2kb 10/10/2014 | \Trimble | agntest | |
| VX & S Series | 2kb 10/10/2014 | \Trimble | Style type: | |
| IS Rover | 2kb 10/10/2014 | \Trimble | GNSS | |
| | | | | |
| <[:: | :: | | No sustain DDOD:11 | |
| Esc | urvey PDOP:1.4 | Edit | Esc | |
| New Co | py Delete Options | Luix | | |

- Select **Rover options** and then click **Edit**. Set Survey type to **RTK** and Broadcast format to **RTCM RTK**.

| P | | | 🖗 Ro | ver options | | 🞝 🥝 ? – X |
|--|--------------------------|------|--------------------------------------|-------------|-------------|-----------|
| Rover options | | | Survey ty | pe: | Broadcast | format: |
| Base options Base radio Compensated p Topo point Observed contr Rapid point Continuous point | oint rol point nts | | RTK Use static Any Prompt s | an Index: | RTCM F | ITK I |
| Stakeout Site calibration | | | | | | 1/3 |
| Dublicate point | o survey PDOP:1.4 | | | No surv | ev PDOP:1.7 | |
| Esc Store | | Edit | Esc | No Sulv | | Accept |

| THE SOURCE MORAL STORE | Doc | : Quick Guide | Date | : 13 Oct. 2017 | STIVE GEODE |
|------------------------|-------------|--------------------------|---------|----------------|-------------|
| | Section | : Receiver Configuration | Revised | : | AND T |
| | Title | : Trimble R10 RTK System | Page | : 9 of 12 | PAGENET |
| 1987 * HIE | Prepared by | : SANA | | | *MAMBIA* |

- Set elevation mask as required. Antenna type should be **R10 internal**. Input antenna height then click **Accept** and then **Store** your configuration.

| Rover options | - > 0 | ? – × | 🐌 agntest 🛛 | 90 | ? - | - × |
|-----------------|-------------------|--------|---------------------------|----|-----|-----|
| Survey type: | Broadcast format: | | Rover options | | | |
| RTK 🔻 | RTCM RTK | - | Rover radio | | | |
| Elevation mask: | | | Compensated point | | | |
| 10° 🕨 | | | Topo point | | | |
| PDOP mask: | | | Observed control point | | | |
| 60 | Ra . | | Rapid point | | | |
| 0.0 | | | Continuous points | | | |
| Aptenna | | | Stakeout | | | |
| Antenna | | | Site calibration | | | 100 |
| Type: | | | Duplicate point tolerance | | | |
| R10 Internal | • | 1/4 | Laser rangefinder | | | |
| | | _ | Echo sounder | | _ | |
| No survey | PDOP:1.6 | A | No survey PDOP:1.6 | | | |
| LSC | | Accept | ES Store | | ٠ | ait |

- Exit Survey Styles

| SI 🖗 | urvey S | tyles | | - D (C | ? – X |
|------|---------|----------|-------|------------|----------|
| Name | 1 | | Size | Modified | Location |
| agn | test | | 2kb | 10/10/2014 | \Trimble |
| RT | < | | 2kb | 10/10/2014 | \Trimble |
| VX | & S Ser | ies | 2kb | 10/10/2014 | \Trimble |
| IS F | Rover | | 2kb | 10/10/2014 | \Trimble |
| | _ | No surve | v PDO | P16 | > |
| Esc | | NO SUIVE | , 200 | P. 1.V | Edit |
| | lew | Сору | Delet | e Options | |

- Exit Settings



| HEROURCE AS COMPANY | Doc | : Quick Guide | Date | : 13 Oct. 2017 | STIVE GEODE |
|---------------------|-------------|--------------------------|---------|-------------------|-------------|
| | Section | : Receiver Configuration | Revised | : | ANIA H |
| | Title | : Trimble R10 RTK System | Page | : 10 of 12 | PAGENET |
| 1987 * 1987 * 1118 | Prepared by | : SANA | | | *MAMELA* |

2.8 Go to General Survey and create a New Job

| Trimble Access | l:10 🔊 🥝 ? 🗙 | 🖗 Jobs | → Ø ? - × |
|---------------------------------|--------------|---------------------------|---------------------------|
| Calcasieu | | <u>N</u> ew job | Мар |
| | 425 | <u>O</u> pen job | <u>C</u> opy between jobs |
| | | <u>P</u> roperties of job | Import / Export |
| General Equip Survey Manager | AccessSvnc | <u>R</u> eview job | |
| | | Point manager | |
| | | QC Graph | |
| Settings Internet Setup Files | Internet | No survey | |
| | | Back | Next |

- Provide a Job Name and use appropriate Coordinate System and Units, then Accept.

| <u>چ</u> ا | lew job | | _ | | | 2 | 2 | |
|-------------------|----------------|----------|------|---------|-------------|-----|-----|------|
| Job n | ame: | | а | gntest | | | | |
| Temp | late: | | | Default | | | | |
| ₋ Prop | erties— | | | | | | | |
| Coord | . sys.: | | | Ę | 51 North (U | TM) | | |
| Units | Jnits (Dist.): | | | Meters | | | | |
| Linke | ked files: | | | None | | | | |
| Active | e map: | ap: None | | | | | | |
| Featu | re library: | | | | None | | | 1/2 |
| | | No su | rvey | PDOP:1 | .6 | | | |
| Esc | | | | | | | Acc | :ept |

2.9 Click on **Measure** use your created **Survey Style**.

| Job: agnte | st | •) () | ? – × | 除 Measure | → | 2 ? - X |
|------------|---------------|------------|------------|-----------------------|--------------|---------|
| | and a | | 80% 50% | agntest | • | |
| | REY | - | 13 | RTK | • | |
| Jobs | Key in | Cogo | 7 | <u>V</u> X & S Series | • | |
| WO. | WO. | | 7 ? | IS Rover | • | |
| 3 | | | Menu | | | |
| Measure | Stakeout | Instrument | Favorites | | | |
| measure | Diakcour | Instrument | Switch to | | | |
| | No survey PDO | P:1.7 | | No su | vey PDOP:1.7 | |
| Exit | | | Enter | Back | | Next |

| SOURCE ARCANALIS | Doc | : Quick Guide | Date | : 13 Oct. 2017 | CTIVE GEODE |
|------------------|-------------|--------------------------|---------|-------------------|-------------|
| | Section | : Receiver Configuration | Revised | : | Jul + |
| | Title | : Trimble R10 RTK System | Page | : 11 of 12 | PAGENET |
| AN * 1987 * 1110 | Prepared by | : SANA | | | *NAMELA* |

- Click on Measure Points. Select Internet Connection for Radio Type then select your created GNSS Contact then Accept.



|) 🧐 | GNSS co | ntacts | | -> 0 |) ? – X |
|-----|---------|-----------|--------|-------|-----------|
| Nam | Name | | | | • |
| ag | agntest | | | Inter | net rover |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | No survey | PDOP:1 | .6 | |
| Esc | New | Delete | Сору | Edit | Accept |



- Building source list should appear.



- Select the nearest/appropriate reference station by selecting the corresponding Mount Point. Click **Enter**.

| 🖗 Sel | ect dat | ta source | | → Ø | ? _ | × |
|--|----------------------------------|-----------|--|------------|-------------|----|
| Mount | noint | | Identifier | ^ | | % |
| PTGY_RT | CM3 | | PTGY_RTC | | 1 | 3 |
| PSRF_RT PTAR_RT PPPC_RT PTGO_RT | CM3 CM3 CM3 CM3 ICM3 | | PSRF_RTC PTAR_RTC PPC_RTC PTGO_RTC. | | | 1 |
| PDAV_R PSTC_RT | CM3 | | PDAV_RTC. PSTC_RTC | : | <u>M</u> ap | |
| PDDN_R | ICM3 | | PDDN_RTC. | 🗸 | Favorite | es |
| < [= = | | | | | Switch | to |
| | | No survey | PDOP:1.6 | | | |
| Esc | All | Refresh | | | Enter | |

- "Starting survey" message should appear. You can then start measuring your points.

| <u>ک</u> (ب | ? — × | Measure points | ? – X |
|--------------------------|---------------------------------------|---|--|
| Starting survey: agniest | 80% 40% 13 | Point name: Code: ? Method: Topo point Antenna height (Uncorrected): ? | 80% 40% 40% 7 ₹ ₹ 7 ₹ ₹ ₹ |
| | Map Menu Favorites Switch to | Measured to: Bottom of quick release | Map Menu Favorites Switch to |
| Esc No survey PDOP:1.6 | Enter | Esc Differential H:1.84sft V:2.53sft 🗸 | Start |