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This is in regards to using SurvCE 6.09 or higher with a Carlson BRx7 to log raw static when you are not connecting it to an NTRIP reference network or using a base/rover setup and you just need to log raw static with no RTK base corrections.

Here is the instructions for logging raw static to the memory of an BRx7:

1) Power on your BRx7 and set it up over the point you need to collect static data for and then tap Equip / **GPS Raw Only**
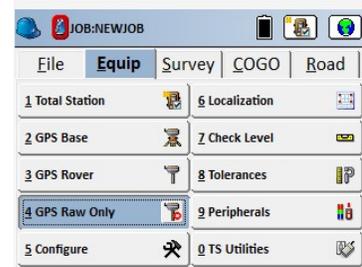
2) Set it for "Manufacturer: **Carlson**" and "Model: **BRx7**"

3) Then tap the "Comms" tab and set it for "Type: Bluetooth" and "BT Type: Windows Mobile". If you have already connected to this BRx7 by Bluetooth then you can set the "Device:" to the serial number of your BRx7 receiver.
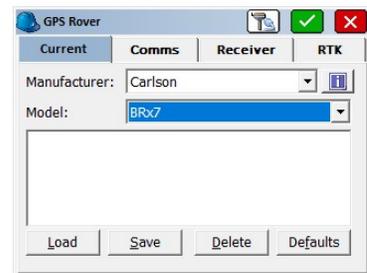
***If your BRx7 serial number is not shown in the "Device:" list then you will need to tap the "wrenches" icon to the right. Tap "Find Device" and follow the prompts to select the serial number of your BRx7 receiver then tap the Bluetooth plug icon in the top middle*

4) Then tap the Receiver tab and type in the Antenna height of your BRx7

5) Tap the Settings tab and set it for "Mode: **Static**" and set it to "Log Interval: **30.00 seconds**" {*for submitting to OPUS*} then tap the Green Check in the top right to connect to your BRx7 receiver
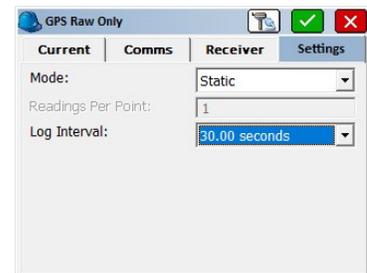
6) Set it to "Storage Location: **Internal Memory**" and type in a File Name that corresponds to the Job you are on and the Point you are currently setup over such as "Job22 cp587" without quotes then tap the Green Check

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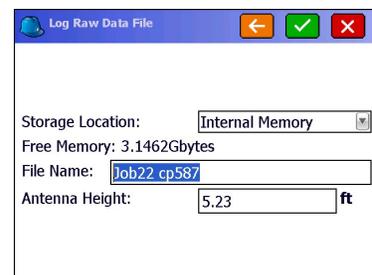
7) Type in your control point number again for the Site Name such as "cp587" without quotes. Then tap next to "**Manually**" in the bottom left to Set it for "Close Site Tag: Manually" then tap the Green Check.

8) On the next screen tap "**Exit – Continue Logging**"
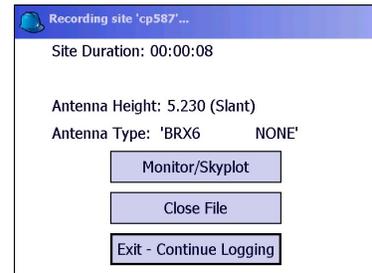
9) Then tap "**Yes**" when prompted to disconnect from your BRx7

10) The Bluetooth light on your BRx7 will go off but the *Radio light to the left of the POWER button will pulse blue*

***At this point - you can power off your data collector and let the BRx7 receiver record the static data to its internal memory

11) ***After your BRx7 has recorded the static data*** for the length of time required (***such as 30 minutes or 2 hours***) you can turn your data collector back on and walk back over next to your receiver

12) Tap Equip / **GPS Raw Only** and tap the Green Check in the top right to connect by Bluetooth.
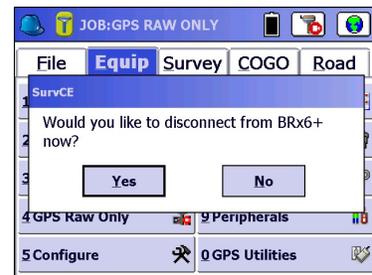
13) You will be prompted "Receiver is currently logging… Do you want to close this file and start a new one?"

14) Tap "**Yes**" to close the static file and stop recording

15) Then tap the red "**x**" in the top right to cancel back out to the main menu. Now you can **power off** your receiver

16) Click the link below for instructions to download the BIN file from your BRx7 through Wifi and convert it to RINEX:
https://web.carlsonsw.com/files/knowledgebase/kbase05.php?action=display_topic&topic_id=1200

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