

# The MJW Companies

## GPS Field Survey Checklist

The following field survey checklist is used once the survey team has walked to the location that they will begin a GPS survey. This checklist is intended to verify none of the cables or settings changed or cables came loose between the initial setup location and the field survey location. Complete step 9 once the current walkover segment is complete.

1. LB Verify the Ludlum Meter is in Rate mode
2. LB Verify that the Ludlum Meter is alternating display of "DUP" and "Value"
3. LB Set Menu 1 to "Status" and Menu 2 to "Receiver"
4. LB Verify that Antenna states "External"
5. LB Set Menu 1 to "Data"
6. LB Name a file to start the current survey and start the data logger

Filename: 12 15 15 5 - 0 b

7. LB Set Menu 1 to "Status" and Menu 2 to "Sensor" 12 15 15 5 3 a 12 15 15 5 4 a
8. LB Verify that the sensor field is reading the same as the display on the Ludlum
9. LB When finished, set Menu 1 to "Data" and close the current file.

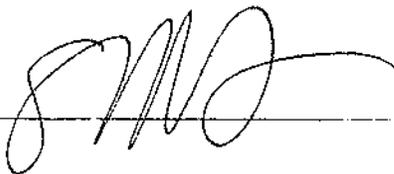
Name: Juliett. Ben Date: 12/15/15

## The MJW Companies

### GPS Initial Setup Checklist

1.  Complete source check of Ludlum Meter
2.  Power off Ludlum Meter
3.  Verify Trimble is shutdown (not in suspend mode)
4.  Connect the Serial Interface Adapter (SIA) to the Trimble Unit
5.  Connect the Serial cable to the Ludlum Meter
6.  Connect the Serial cable to the Trimble SIA
7.  Connect external GPS antenna cable to the Trimble
8.  Power on Ludlum Meter to Rate mode
9.  Verify that the Ludlum Meter is alternating display of "DUP" and "Value"
10.  Power on the Trimble and wait for it to completely boot
11.  Launch TerraSync and wait for it to load and acquire satellites
12.  Set Menu 1 to "Status" and Menu 2 to "Receiver"
13.  Verify that Antenna states "External"
14.  Set Menu 1 to "Data"
15.  Name a test file and start the data logger
16.  Set Menu 1 to "Status" and Menu 2 to "Sensor"
17.  Verify that the sensor field is reading the same as the display on the Ludlum
18.  Set Menu 1 to "Data" and close the current file.

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