

# GPS LOGSHEET

Start Year/Day Number: 2013/23 4-Char ID PUAS  
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## GENERAL

4-Char ID: PUAS Station (stamping or name):                       
Observer: SANDWELL Institution: SIO/CICEX  
Campaign: CC-LINK - 2013

## INSTRUMENTATION

Receiver Type: ASHTech Serial/ID Number: LP02789  
Antenna Type: ASHTech Serial/ID Number: CR16408  
Tribrach Type:                      Serial/ID Number: S10 S04  
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.98V End Voltage: 12.42

## START-UP INFORMATION

### Initial Setup

Tribrach bubble centered: ☒ Yes No Hockey puck thumbscrew tightened: ☒ Yes No  
Crosshairs on target: ☒ Yes No Antenna aligned to True N (15° W of Mag N): ☒ Yes No  
Hockey puck locked down: ☒ Yes No

### Antenna Height:

Vert. Meas. Pt.:                      Rad. Meas. Pt.:                       
Heights [hole #]: 134.0 [1]; 134.0 [5]; 134.0 [9] meters ☐ cm ☒ inches ☐  
52.8

### Start Date/Time (in UTC):

Start Year/Day Number: 2013 / 23 Start Time: 04:47:03 Local Day of Week: TUESDAY  
Logging start OK: ☒ Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

### End Date/Time (in UTC):

End Year/Day Number: 23 End Time: 15:41 Local Day of Week: WEDNESDAY

### Antenna Height:

Heights [hole #]: 134.0 [1]; 134.0 [5]; 134.0 [9] meters ☐ cm ☒ inches ☐  
52.8 in

### Final Takedown

Hockey puck thumbscrew tightened: ☒ Yes No Tribrach bubble centered: ☒ Yes No (if No, center before  
Hockey puck locked down: ☒ Yes No crosshairs check)  
Antenna aligned to True N (15° W of Mag N): ☒ Yes No Crosshairs on target: ☒ Yes No

## COMMENTS

**GPS LOGSHEET** Start Year/Day Number: 13/023 4-Char ID CCϕ1  
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Start Year/Day Number: 13/023 4-Char ID CC01  
Sheet \_\_\_\_ of \_\_\_\_

4-Char ID CC01  
Sheet \_\_\_\_ of \_\_\_\_

## GENERAL

4-Char ID: CCØ1 Station (stamping or name): \_\_\_\_\_  
Observer: SANOWELL Institution: SIO  
Campaign: CC-LINK 2013

## INSTRUMENTATION

Receiver Type: ASNTBLCH Serial/ID Number: LP0359  
Antenna Type: ASNTBLCH Serial/ID Number: 12653  
Tribrach Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_  
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.50 End Voltage: 12.37

## START-UP INFORMATION

## Initial Setup

Tribrach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	Yes	No
Hockey puck locked down:	Yes	No			

**Antenna Height:**

Vert. Meas. Pt.: \_\_\_\_\_ Rad. Meas. Pt.: \_\_\_\_\_

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters  cm  inches

**Start Date/Time (in UTC):**

Start Year/Day Number: 13/023 Start Time: 21:25 Local Day of Week: WED

Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

**End Date/Time (in UTC):**

End Year/Day Number: 13/023 End Time: 23:06 Local Day of Week: Wed

**Antenna Height:**

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters  cm  inches

## Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribrach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

49 EQ HR

# GPS LOGSHEET

Start Year/Day Number: 2013/023 4-Char ID CC02  
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## GENERAL

4-Char ID: CC02 Station (stamping or name):                       
Observer: SANDWELL Institution: SID  
Campaign: CC-LINK 2012

## INSTRUMENTATION

Receiver Type: ASHTACH Serial/ID Number: LP02792  
Antenna Type: ASHTACH Serial/ID Number: CN5 19991756  
Tribrach Type:                      Serial/ID Number: LP02792  
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.87 End Voltage: 12.59

## START-UP INFORMATION

### Initial Setup

Tribrach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	Yes	No
Hockey puck locked down:	Yes	No			

### Antenna Height:

Vert. Meas. Pt.:                      Rad. Meas. Pt.:                       
Heights [hole #]:                      [ ]                      [ ]                      [ ] meters ☐ cm ☐ inches ☐

### Start Date/Time (in UTC):

Start Year/Day Number: 13/023 Start Time: 21:09 Local Day of Week: W  
Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

End Date/Time (in UTC): 13/023 End Time: 22:57 Local Day of Week: W  
End Year/Day Number: 13/023

### Antenna Height:

Heights [hole #]:                      [ ]                      [ ]                      [ ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribrach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

593 EQ

**GPS LOGSHEET** Start Year/Day Number: 13/023 4-Char ID CC03  
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Start Year/Day Number: 13/023 4-Char ID CC03  
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4-Char ID CC03  
Sheet \_\_\_\_ of \_\_\_\_

## GENERAL

4-Char ID: CC03 Station (stamping or name): \_\_\_\_\_

Observer: SANDWELL Institution: SIO

Campaign: CC-LINK 2013

## INSTRUMENTATION

Receiver Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_

Antenna Type: ASHTech Serial/ID Number: 12738

Tribrach Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_

Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.63 End Voltage: \_\_\_\_\_

## START-UP INFORMATION

## Initial Setup

Tribrach bubble centered:		Yes	No	Hockey puck thumbscrew tightened:		Yes	No
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Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	Yes	No
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Hockey puck locked down: Yes No

**Antenna Height:**

Vert. Meas. Pt.: \_\_\_\_\_ Rad. Meas. Pt.: \_\_\_\_\_

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters  cm  inches

**Start Date/Time (in UTC):**

Start Year/Day Number: 13/023 Start Time: 20:56 Local Day of Week: WED

**Logging start OK:**    Yes    No    (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

**End Date/Time (in UTC):**

End Year/Day Number: 13/023 End Time: 22:47 Local Day of Week: WED

**Antenna Height:**

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters  cm  inches

## Final Takedown

Hockey puck thumbscrew tightened: Yes No Tribrach bubble centered: Yes No (if No, center before

	Yes	No	
Hockey puck locked down:			(if No, check crosshairs check)

Antenna aligned to True N (15° W of Mag N):    Yes    No      Crosshairs on target:            Yes    No

## COMMENTS

56.7 EQ

# GPS LOGSHEET

Start Year/Day Number: \_\_\_\_\_

4-Char ID CC04

Sheet \_\_\_\_ of \_\_\_\_

## GENERAL

4-Char ID: CC04 Station (stamping or name): \_\_\_\_\_Observer: SANDWELL Institution: STBCampaign: CC-LINE - 2013

## INSTRUMENTATION

Receiver Type: ASHTTECH Serial/ID Number: LP01389Antenna Type: ASHTTECH Serial/ID Number: CR16408

Tribrach Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_

Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: \_\_\_\_\_ End Voltage: 12.65

## START-UP INFORMATION

### Initial Setup

Tribrach bubble centered: Yes No

Crosshairs on target: Yes No

Hockey puck locked down: Yes No

Hockey puck thumbscrew tightened:

Antenna aligned to True N (15° W of Mag N): ☒ Yes No

### Antenna Height:

Vert. Meas. Pt.: \_\_\_\_\_

Rad. Meas. Pt.: \_\_\_\_\_

Heights [hole #]: \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] meters ☐ cm ☐ inches ☐

### Start Date/Time (in UTC):

Start Year/Day Number: 13/23 Start Time: 21:26 Local Day of Week: WED

Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

### End Date/Time (in UTC):

End Year/Day Number: 13/23 End Time: 22:37 Local Day of Week: WED

### Antenna Height:

Heights [hole #]: \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened: Yes No

Hockey puck locked down: Yes No

Antenna aligned to True N (15° W of Mag N): Yes No

Tribrach bubble centered: Yes No (if No, center before crosshairs check)

Crosshairs on target: Yes No

## COMMENTS

37.4 EQHR

Start Year/Day Number: 2013/23 4-Char ID CC05  
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4-Char ID CC05  
Sheet      of     

4-Char ID: CC05 Station (stamping or name): \_\_\_\_\_  
Observer: A. Hinoposa / F. Alonso Institution: CICFSE  
Campaign: CC 2013

Receiver Type: ASTECH Serial/ID Number: 152303  
Antenna Type: ASTECH Serial/ID Number: CR 16404  
Tribrach Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_  
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: \_\_\_\_\_ End Voltage: \_\_\_\_\_

Tribrach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	Yes	No
Hockey puck locked down:	Yes	No			

Vert. Meas. Pt.: \_\_\_\_\_ Rad. Meas. Pt.: \_\_\_\_\_

Heights [hole #]: \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] ; \_\_\_\_\_ [ ] meters [ ] cm [ ] inches [ ]

Start Year/Day Number: 2013/023 Start Time: 21:00 Local Day of Week: Wednesday

Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

End Date/Time (in UTC):  
End Year/Day Number: 2013/023 End Time: 22:24 Local Day of Week: Wednesday

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters  cm  inches

Hockey puck thumbscrew tightened:	Yes	No	Tribach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

EQUA 40.3

# GPS LOGSHEET

Start Year/Day Number: 13/0234-Char ID CC06  
Sheet \_\_\_\_ of \_\_\_\_

## GENERAL

4-Char ID: CC06 Station (stamping or name): \_\_\_\_\_  
Observer: SANDWELL Institution: SIO  
Campaign: CC-LINE 2013

## INSTRUMENTATION

Receiver Type: ASHTech Serial/ID Number: \_\_\_\_\_  
Antenna Type: TRIMBLE Serial/ID Number: 24688  
Tribach Type: \_\_\_\_\_ Serial/ID Number: \_\_\_\_\_  
Power: Battery ☐ AC ☐ Solar ☐ Start Voltage: 12.88 End Voltage: 12.72

## START-UP INFORMATION

### Initial Setup

Tribach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	<input checked="" type="checkbox"/> Yes	No
Hockey puck locked down:	Yes	No			

### Antenna Height:

Vert. Meas. Pt.: \_\_\_\_\_ Rad. Meas. Pt.: \_\_\_\_\_  
Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters ☐ cm ☐ inches ☐

### Start Date/Time (in UTC):

Start Year/Day Number: 13/023 Start Time: 19:57 Local Day of Week: WED  
Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

### End Date/Time (in UTC):

End Year/Day Number: 13/023 End Time: 22:14 Local Day of Week: WED

### Antenna Height:

Heights [hole #]: \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ]; \_\_\_\_\_ [ ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

# GPS LOGSHEET

Start Year/Day Number: 13/023 4-Char ID CC17  
Sheet      of     

## GENERAL

4-Char ID: CC17 Station (stamping or name):                       
Observer: SANDWELL Institution: SID  
Campaign: CC-LINE 2013

## INSTRUMENTATION

Receiver Type: ASHTCH Serial/ID Number: LP01389  
Antenna Type: ASHTCH Serial/ID Number: CR16408  
Tribrach Type:                      Serial/ID Number:                       
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.73 End Voltage: 12.56

## START-UP INFORMATION

### Initial Setup

Tribrach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	Yes	No
Hockey puck locked down:	Yes	No			

### Antenna Height:

Vert. Meas. Pt.:                      Rad. Meas. Pt.:                       
Heights [hole #]:                      [      ];                      [      ];                      [      ] meters ☐ cm ☐ inches ☐

Start Date/Time (in UTC): 13/023 Start Time: 17:57 Local Day of Week: Thu WED  
Start Year/Day Number: 13/023 Start Time: 17:57 Local Day of Week: Thu WED  
Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

End Date/Time (in UTC): 13/023 End Time: 19:00 Local Day of Week: WED  
End Year/Day Number: 13/023 End Time: 19:00 Local Day of Week: WED

### Antenna Height:

Heights [hole #]:                      [      ];                      [      ];                      [      ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribrach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

41.0 EQHR

# GPS LOGSHEET

Start Year/Day Number: 13/023 4-Char ID CC19  
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## GENERAL

4-Char ID: CC19 Station (stamping or name):                       
Observer: SANDWELL Institution: SID  
Campaign: CC-LINE 2013

## INSTRUMENTATION

Receiver Type: ASHTACH Serial/ID Number: LP02789  
Antenna Type: ASHTACH Serial/ID Number: CR16404  
Tribrach Type:                      Serial/ID Number:                       
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.78 End Voltage: 12.67

## START-UP INFORMATION

### Initial Setup

Tribrach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Hockey puck locked down:	Yes	No			

### Antenna Height:

Vert. Meas. Pt.:                      Rad. Meas. Pt.:                       
Heights [hole #]:                      [ ] ;                      [ ] ;                      [ ] meters ☐ cm ☐ inches ☐

Start Date/Time (in UTC): 13/023 Start Time: 17:46 Local Day of Week: TH WED  
Start Year/Day Number: 13/023 Start Time: 17:46 Local Day of Week: TH WED  
Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

End Date/Time (in UTC): 13/023 End Time: 18:50 Local Day of Week: WED  
End Year/Day Number: 13/023 End Time: 18:50 Local Day of Week: WED

### Antenna Height:

Heights [hole #]:                      [ ] ;                      [ ] ;                      [ ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribrach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

37.5 EQ NR

# GPS LOGSHEET

Start Year/Day Number: 13/023 4-Char ID CC19  
Sheet      of     

## GENERAL

4-Char ID: CC19 Station (stamping or name):                       
Observer: SAMOWELL Institution: SID  
Campaign: CC-LINK 2013

## INSTRUMENTATION

Receiver Type: ASHTech Serial/ID Number: LP01378  
Antenna Type: ASHTech Serial/ID Number: 12738  
Tribrach Type:                      Serial/ID Number:                       
Power: Battery ☒ AC ☐ Solar ☐ Start Voltage: 12.92 End Voltage: 12.76

## START-UP INFORMATION

### Initial Setup

Tribach bubble centered:	Yes	No	Hockey puck thumbscrew tightened:	Yes	No
Crosshairs on target:	Yes	No	Antenna aligned to True N (15° W of Mag N):	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Hockey puck locked down:	Yes	No			

### Antenna Height:

Vert. Meas. Pt.:                      Rad. Meas. Pt.:                       
Heights [hole #]:                      [ ] ;                      [ ] ;                      [ ] meters ☐ cm ☐ inches ☐

### Start Date/Time (in UTC):

Start Year/Day Number: 13/023 Start Time: 17:31 Local Day of Week: WE  
Logging start OK: Yes No (go to Ashtech Screen 8, wait until file size is at least 0.1 EQHR — typically 5–10 min)

## SHUTDOWN INFORMATION

### End Date/Time (in UTC):

End Year/Day Number:                      End Time: 18:31 Local Day of Week: THU WE

### Antenna Height:

Heights [hole #]:                      [ ] ;                      [ ] ;                      [ ] meters ☐ cm ☐ inches ☐

### Final Takedown

Hockey puck thumbscrew tightened:	Yes	No	Tribach bubble centered:	Yes	No (if No, center before crosshairs check)
Hockey puck locked down:	Yes	No			
Antenna aligned to True N (15° W of Mag N):	Yes	No	Crosshairs on target:	Yes	No

## COMMENTS

35 EQ HR