

 <b>Ground Survey</b> sanborn	<b>Title:</b>	<b>Date:</b>	<b>Rev:</b>	<b>Page:</b>	<b>File Name:</b>
	GS31-01-01-01 GPS LOG SHEET	6/6/2014	1	1	GS31-01-01-01_GPS_LOG_SHEET

<b>Date(s) (mm/dd/yyyy):</b> 07/20/15	<b>Julian Day(s):</b> 051
<b>Project:</b> 4478 - P&T Tucson	<b>Observer:</b> M. Hernandez

**Antenna Formulas**

4000SSi / 4000SSE Compact L1/L2	Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$
Trimble 5700 Zephyr (small)	Top of notch in antenna flange = $0.0073 + (h^2 - (0.0937)^2)^{1/2}$
Trimble 5700 Zephyr Geodetic (large)	Bottom of notch in antenna flange = $0.00891 + (h^2 - (0.16981)^2)^{1/2}$
Novatel DL	Top edge of tape notch = $0.015 + (h^2 - (0.96)^2)^{1/2}$
Novatel DL4 X	Top of tab on side of antenna = $0.025 + (h^2 - (0.1)^2)^{1/2}$

Circle one or indicate next to File Name: NETWORK SURVEY OR AGPS; LIDAR OR PHOTOGRAPHY OR BOTH

<b>Receiver Serial #:</b> 0011	<b>File Name:</b> 20116510
<b>Code:</b> TUS-4-Base	<b>Description:</b> TUS-4-Base
<b>Stamping:</b>	<b>Day-Session:</b> 0
	<b>Start:</b> 21:31
	<b>End:</b> 0:03 - 2/21

**Measurements**  
 \_\_\_\_\_ " \_\_\_\_\_ m Uncorrected \_\_\_\_\_ meters True Vertical \_\_\_\_\_ meters  
 \_\_\_\_\_ feet → \_\_\_\_\_ m → (mean)

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<b>Code:</b>	<b>Description:</b>
<b>Stamping:</b>	<b>Session:</b>
	<b>Start:</b>
	<b>End:</b>

**Measurements**  
 \_\_\_\_\_ " \_\_\_\_\_ m Uncorrected \_\_\_\_\_ meters True Vertical \_\_\_\_\_ meters  
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<b>Stamping:</b>	<b>Session:</b>
	<b>Start:</b>
	<b>End:</b>

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	<b>Start:</b>
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<b>Stamping:</b>	<b>Session:</b>
	<b>Start:</b>
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**Code: Numbering Convention: begin with 501, 701, 801, 901**

1- 499: paneled points	800 series: NGS vertical only
500 series: Sanborn set for base	900 series: NGS horiz. and vertical
700 series: NGS Horizontal only	1' = 0.3048 m; 1" = 0.0254 m

**Description Examples:** 12" spike, 6" spike, rebar, pk nail, mag nail, Disc in concrete, rod in sleeve, Disc in seawall, etc. **AND INCLUDE** Airport name point is located at if applicable.