

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

Date(s) (mm/dd/yyyy): <u>06/06/15</u>	Julian Day(s): <u>053</u>
Project: <u>4478-PA67-Tucson</u>	Observer: <u>M. Hernandez</u>

Antenna Formulas

4000Si / 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) <input checked="" type="checkbox"/>	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	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

Receiver Serial #: 1150 File Name: 11520530

Code: <u>TUS-9-051</u>	Description: <u>TUS-9</u>	Day-Session: <u>0</u>
Stamping:	<u>base, in full of L</u>	Start: <u>19:16</u>
	<u>SW of S 500th Hwy</u>	End: <u>23:30</u>
	<u>W of guardrail</u>	

Measurements
 _____ " 1.5 m Uncorrected True Vertical
 _____ feet → _____ m → 1.5 meters → _____ meters

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		Start:
		End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) _____ meters → _____ meters

Receiver Serial #: 3984 File Name: 39840530

Code: <u>CON121</u>	Description: <u>CON121</u>	Session: <u>0</u>
Stamping:	<u>W. of W. Canyon</u>	Start: <u>20:12</u>
	<u>beam ranch dr.</u>	End: <u>20:44</u>
	<u>(center of ditch)</u>	

Measurements
 _____ " 1.5 m Uncorrected True Vertical
 _____ feet → _____ m → 1.5 meters → _____ meters

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		Start:
		End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) _____ meters → _____ meters

Receiver Serial #: 3984 File Name: 39840531

Code: <u>CON114</u>	Description: <u>CON114</u>	Session: <u>1</u>
Stamping:	<u>S side of W</u>	Start: <u>21:16</u>
	<u>McGee Ranch Rd.</u>	End: <u>21:47</u>
	<u>E or W 645' mail box</u>	

Measurements
 _____ " 1.5 m Uncorrected True Vertical
 _____ feet → _____ m → 1.5 meters → _____ meters

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		Start:
		End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) _____ meters → _____ meters

Receiver Serial #: 3984 File Name: 39840532

Code: <u>CON186</u>	Description: <u>CON186</u>	Session: <u>2</u>
Stamping:	<u>N of E Sahuarita</u>	Start: <u>22:19</u>
	<u>rd, in Livs Field</u>	End: <u>22:50</u>
	<u>SE of fire box</u>	

Measurements
 _____ " 1.5 m Uncorrected True Vertical
 _____ feet → _____ m → 1.5 meters → _____ meters

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		Start:
		End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) _____ meters → _____ meters

Receiver Serial #: _____ File Name: _____

Code:	Description:	Session:
Stamping:		Start:
		End:

Measurements
 _____ " _____ m Uncorrected True Vertical
 _____ feet → _____ m → (mean) _____ meters

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.