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

Date(s) (mm/dd/yyyy): 02/21/2015	Julian Day(s): 052
Project: 4478 PAG	Observer: Kirkwood

## **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	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

Reciever Serial #: 00	005 File Name: 000	50520	Reciever Serial #:		
Code: KTUS	Description:	Day-Session: 0	Code:	Description:	Ses
Stamping:	Airport	Start: 16:27	Stamping:		Star
	Drain cover	End: 16:01			End
Measurements			Measurements		
	515 m Uncorrected			m Uncorrected	True
<b>59 5/8</b> feet	$\rightarrow$ m $\rightarrow$ (mean)	ters → meters	feet → _	$m \rightarrow (mean)$ me	eters → _
Reciever Serial #:	File Name:		Reciever Serial #:	File Name:	
Code:	Description:	Session:	Code:	Description:	Ses
Stamping:	<del>-</del>	Start:	Stamping:		Sta
~ ······· · · · · · · · · · · · · · · ·	_	End:			Enc
Measurements		Liid.	Measurements		
	m Uncorrected	True Vertical		m Uncorrected	True
	me	ters → meters		me	eters →
feet →	$m \rightarrow (mean)$		feet → _	m → (mean)	
Reciever Serial #:	File Name:		Reciever Serial #:	File Name:	
Code:	Description:	Session:	Code:	Description:	Ses
Stamping:		Start:	Stamping:		Sta
		End:			Enc
Measurements			Measurements		<u> </u>
	m Uncorrected	True Vertical		m Uncorrected	True
feet ->	$m \rightarrow \frac{me}{mean}$ me	ters → meters	c	$m \rightarrow (mean)$ mean	eters → _
	in 7 (incan)		reet <del>&gt;</del> _	m <del>&gt;</del> (mean)	
Reciever Serial #:	File Name:		Reciever Serial #:	File Name:	
Code:	Description:	Session:	Code:	Description:	Ses
Stamping:		Start:	Stamping:		Sta
		End:			Enc
Measurements			Measurements		l
	m Uncorrected	True Vertical		m Uncorrected	True
foot 🕹	$m \rightarrow \frac{me}{(mean)}$ me	ters → meters	6		eters →
reet ->	iii 🤛 (iiieaii)		feet → _	$_{m} \rightarrow (mean)$	
Reciever Serial #:	File Name:		Code: Numbering C	onvention: begin with 501, 70	01, 801, 90
Code:	Description:	Session:	1- 499: paneled poi		es: NGS ve
Stamping:		Start:	500 series: Sanborr	set for base 900 serie	es: NGS ho
		End:		orizontal only $1' = 0.36$	
Measurements	1		Description Example	es: 12" spike, 6" spike, rebar, p	ok nail, ma
	m Uncorrected	True Vertical	concrete, rod in sleev	e, Disc in seawall, etc. AND I	
	me	ters → meters	is located at if applica	ible.	

Reciever Serial #:	File Name:	
Code:	Description:	Session:
Stamping:		Start:
		End:
Measurements		
	m Uncorrected	True Vertical
feet >	$_{\text{m}} \rightarrow \overline{\text{(mean)}}$	meters $\rightarrow$ meters
	File Name:	
Code:	Description:	Session:
Stamping:	1	Start:
		End:
Measurements		<b>-</b>
	m Uncorrected	True Vertical
feet →	$m \rightarrow {}$ (mean)	meters $\rightarrow$ meters
Reciever Serial #:		
Code:	Description:	Session:
Stamping:		Start:
		End:
Measurements		•
	m Uncorrected	
feet →	$m \rightarrow {(mean)}$	meters $\rightarrow$ meters
Reciever Serial #:	File Name:	
Code:	Description:	Session:
Stamping:	]	Start:
	1	End:
Measurements	•	•
	m Uncorrected	True Vertical
	<u>,</u>	meters $\rightarrow$ meters

1' = 0.3048 m; 1" = 0.0254 m 6" spike, rebar, pk nail, mag nail, Disc in vall, etc. **AND INCLUDE** Airport name point

800 series: NGS vertical only 900 series: NGS horiz. and vertical