# **NETWORK SURVEY LOG V3**

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Date(s) (m	um/dd/yyyy): 2-21-12	Julian Day(s): 052
Project:	2331 komsas	Observer: M. SUTTON

## Antenna Formulas

4000SSi / 4000SSE Compact L1/L2	Bottom of notch in antenna flange = $0.0069 + (h^2 - (0.0915)^2)^{1/2}$
Novatel DL	Bottom outer edge of ground plane = $0.015 + (h^2 - (0.096)^2)^{1/2}$
Novatel DL4	Top edge of tape notch = $0.025 + (h^2 - (0.1)^2)^{1/2}$

### **Network Drawing**

RIOI SPIKE		
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### NETWORK SURVEY ANTENNA INFORMATION

			Reciever Serial #:	File Nar
Reciever Serial #: 🔿			Code:	Description:
Code:	Description:	Session:	Stamping:	
Stamping:	N/W TO HHO	13 Start: 20:52		-
	- NM 10 1	End: 00:01		
Measurements	•		Measurements	
	m Uncorrected	True Vertical		m Uncorrec
6 X	m	eters $\rightarrow$ <u>2</u> meters	feet $\rightarrow$	m → (mean
	$m \rightarrow (mean)$			
Reciever Serial #:	File Name:		Reciever Serial #:	File Nan
Code:	Description:	Session:	Code:	Description:
Stamping:		Start:	Stamping:	Tere Destro
		End:		
1/			Measurements	
Measurements "	m Uncorrected	True Vertical		m Uncorrec
		eters → meters	feet →	m > (mean
feet $→$	$m \rightarrow (mean)$		leet>	III > (IIIcali
			Code: Numbering Co	nvention: begin with
Reciever Serial #:	File Name:	Session:	1-499: paneled point	
Code:	Description:		500 series: Sanborn s	et for base 90
Stamping:		Start:		izontal only 1'
		End:	Description Examples	
Measurements		I	concrete, rod in sleeve.	
	m Uncorrected	True Vertical	is located at if applicat	
6 <b>.</b>		eters → meters		
feet $\rightarrow$	$m \rightarrow$ (mean)			

#### me: Session: Start: End: True Vertical cted meters $\rightarrow$ meters 1) ne:

Code:	Description:	Session:
Stamping:	The second shafty	Start:
		End:
Measurements	m Uncorrected	True Vertical
feet →	$\underline{\qquad} m \rightarrow \underline{\qquad} (mean)$	ers → meters

#### 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

rebar, pk nail, mag nail, Disc in AND INCLUDE Airport name point

\*Attach additional GPS LOG Sheets if necessary