

NETWORK SURVEY LOG V3



Date(s) (mm/dd/yyyy): <b>2-21-12</b>	Julian Day(s): <b>052</b>
Project: <b>2331 Kansas</b>	Observer: <b>M. SUTTON</b>

**Antenna Formulas**

400SSi / 400SSE 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**

# RIOL SPIKE

NETWORK SURVEY ANTENNA INFORMATION

Receiver Serial #: <b>0010</b>	File Name:	Session: <b>01</b>
Code:	Description:	Start: <b>20:52</b>
Stamping:	<b>N/W TO HH0163</b>	End: <b>00:02</b>

Measurements  
 \_\_\_\_\_ " \_\_\_\_\_ m Uncorrected True Vertical  
 \_\_\_\_\_ feet → \_\_\_\_\_ m → (mean) \_\_\_\_\_ meters → **2** meters

Receiver Serial #:	File Name:	Session:
Code:	Description:	Start:
Stamping:		End:

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

Receiver Serial #:	File Name:	Session:
Code:	Description:	Start:
Stamping:		End:

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

Receiver Serial #:	File Name:	Session:
Code:	Description:	Start:
Stamping:		End:

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

Receiver Serial #:	File Name:	Session:
Code:	Description:	Start:
Stamping:		End:

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

\*Attach additional GPS LOG Sheets if necessary