All Inc.		Title:		Date:	Rev:	Page:	File N	ame:
O.	Ground Survey		31-01-01-01 LOG SHEET	6/6/2014	1	1	01_G	SS31-01-01- S_LOG_SHEET
sanborn								
(s) (mm/dd/yy	121):		Lulian Day(a)					
(s) (mm/dd/yy	25).00/8//15	Julian Day(s).	52					
oject: 4478_ PAC7			Julian Day(s): Observer:	connect				
nna Formulas								7.10
	E Compact L1/L2		Bottom of notch	in antenna flai	nge = 0.0	$0069 + (h^2)$	$\frac{-(0.0913)}{(0.0913)^2}$	1/2
ble 5700 Zeph			Top of notch in	antenna flange	e = 0.007	$\frac{1}{3} + (h^2 - (h^2$	0.0937)	21)2)1/2
mble 5700 Zephyr Geodetic (large)			Dottom of notch	in antenna flat	nge – U.U	0091 (11	-(0.169)	81))
vatel DL			Top of notch in antenna flange = $0.0073 + (h^2 - (0.0931)^2)^{1/2}$ Bottom of notch in antenna flange = $0.00891 + (h^2 - (0.16981)^2)^{1/2}$ Top edge of tape notch = $0.015 + (h^2 - (0.96)^2)^{1/2}$ Top of tab on side of antenna = $0.025 + (h^2 - (0.1)^2)^{1/2}$					
atel DL4			Top of tab on sid	de of antenna =	0.025 +	$(h^2 - (0.1))$)	
	Circle one or indicate next to l	File Name: NE	TWORK SURVEY	OR AGPS; LIDAI	R OR PHO	TOGRAPH	Y OR BO	Н
				Reciever Serial #:		File Na		
iever Serial #:	Pile Name:00//	Day-Session		ode:	Des	cription:		Session:
	Base at a	Start 7'2	S	tamping:				Start:
nping:	Field in location	Endor O	2 2/					End:
	1061 inch miss of	End	3 929 L	leasurements				T. Variani
surements 2	- C m Uncorrected	True Vertical	_			m Uncorre	cted meter	True Vertical S → me
	$m \rightarrow (mean)$ meter	s →	meters	feet →		m → (mean		
feet →	III > (IIIcaii)							
			R	eciever Serial #:		File Na	me:	Session:
ever Serial #:	File Name:	Session:		eciever Serial #: ode:	Des	File Na cription:	me:	Session:
ever Serial #:	File Name:	Session: Start:	C		Des		me:	Start:
feet → iever Serial #: e: nping:	File Name:		C	ode: tamping:	Des		me:	
ever Serial #:	File Name: Description:	Start: End:	C	ode: tamping:		cription:	oted	Start: End:
ever Serial #:	File Name: Description:	Start: End:	Si	ode: tamping: feasurements		m Uncorre	cted meters	Start: End:
ping:	File Name: Description: m Uncorrected meters	Start: End:	Si	ode: tamping:		m Uncorre	cted meters	Start: End:
ever Serial #: Exping: Surements feet feet	File Name: Description: m Uncorrected meters m (mean)	Start: End:	M meters	ode: tamping: leasurements feet eciever Serial #:		m Uncorrec m → (mear	meters	Start: End: True Vertical me
ever Serial #: surements feet ever Serial #:	File Name: Description: m Uncorrected meters	Start: End:	meters Rr Co	ode: tamping: feasurements feet → eciever Serial #: ode:		m Uncorrect m → (mean	meters	Start: End: True Vertical → me
ever Serial #: iping: surements feet > ever Serial #:	File Name: Description: m Uncorrected meters m > (mean) File Name:	Start: End: True Vertical	meters Rr Co	ode: tamping: leasurements feet eciever Serial #:		m Uncorrec m → (mear	meters	Start: End: True Vertical me Session: Start:
e: uping: surements	File Name: Description: m Uncorrected meters m > (mean) File Name:	Start: End: True Vertical Session:	meters R CC St	ode: tamping: feasurements feet → eciever Serial #: ode: tamping:		m Uncorrec m → (mear	meters	Start: End: True Vertical → me
iever Serial #: e: nping: surements feet feet iever Serial #: e: nping:	File Name: Description: m Uncorrected meters (mean) File Name: Description:	Start: End: True Vertical Session: Start: End:	meters R CC St	ode: tamping: feasurements feet → eciever Serial #: ode:	Desc	m Uncorrec m → (mear	meters	Start: End: True Vertical Me Session: Start: End: True Vertical
iever Serial #: e: nping: surements feet > feever Serial #:	File Name: Description: m Uncorrected meters m > (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical	meters R CC St M	ode: tamping: feasurements feet → eciever Serial #: ode: tamping:	Desc	m Uncorrect m → (mean File Nation): m Uncorrect m Uncorrect	meters meters meters	Start: End: True Vertical Me Session: Start: End: True Vertical
ever Serial #: inping: surements feet ever Serial #: :: ping:	File Name: Description: m Uncorrected meters m > (mean) File Name: Description:	Start: End: True Vertical Session: Start: End: True Vertical	meters R CC St M	ode: tamping: feasurements feet → eciever Serial #: ode: tamping:	Desc	m Uncorrec m → (mear File Nar cription:	meters meters meters	Start: End: True Vertical Me Session: Start: End: True Vertical
surements feet > ever Serial #: surements feet > feet > feet > feet > feet >	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean)	Start: End: True Vertical Session: Start: End: True Vertical	meters Record St M meters	ode: tamping: feasurements feet → eciever Serial #: ode: tamping:	Desc	m Uncorrec m → (mean File Nan m → (mean file Nan File Nam File Nam	meters meters meters meters	Start: End: True Vertical Me Session: Start: End: True Vertical met
iever Serial #: e: apping: feet feet inping: feet feet feet apping: feet fee	File Name: Description: m Uncorrected meters m > (mean) File Name: Description: m Uncorrected meters	Start: End: True Vertical Session: Start: End: True Vertical	meters Record St. Manual Man	ode: tamping: feasurements feet → eciever Serial #: ode: tamping: feasurements feet →	Desc	m Uncorrec m → (mean File Nation: m Uncorrec m → (mean	meters meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met
iever Serial #: issurements feet inping:	File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical	meters Record St. Manual Man	ode: tamping: feasurements feet → eciever Serial #: ode: tamping: feet → feet → feet →	Desc	m Uncorrec m → (mean File Nan m → (mean file Nan File Nam File Nam	meters meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met Session: Start: Start:
ever Serial #: inping: surements feet ever Serial #: inping: surements feet ever Serial #:	File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical Start: End:	meters Record St. Manual Man	ode: tamping: feasurements feet → eciever Serial #: ode: feet → feet → eciever Serial #: ode:	Desc	m Uncorrec m → (mean File Nan m → (mean file Nan File Nam File Nam	meters meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met
iever Serial #: inping: surements feet → inping: surements feet → inping: surements feet → inping:	File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name: Description: m Uncorrected meters m ightharpoonup (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical Start: End: Session: Start: End:	meters Reconstructions Months and the second seco	ode: tamping: feasurements feet → eciever Serial #: ode: feet → feet → eciever Serial #: ode:	Desc	m Uncorrec m → (mean File Nan Tription: m Uncorrec m → (mean File Nan Tription:	meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met Start: End:
ever Serial #: surements feet ever Serial #: surements feet ever Serial #: surements ping:	File Name: Description: m Uncorrected meters m→ (mean) File Name: Description: m Uncorrected meters moders meters moders meters meters meters meters meters meters meters meters	Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End: True Vertical	meters R CC St M meters R CC St M meters	ode: tamping: feasurements feet → eciever Serial #: ode: tamping: feet → eciever Serial #: ode: amping:	Desc	m Uncorrec m → (mean File Nan m → (mean file Nan File Nam File Nam	meters meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met Session: Start: End: True Vertical met
ever Serial #: :: :: :: :: :: :: :: :: ::	File Name: Description: m Uncorrected meters file Name: Description: m Uncorrected meters file Name: Description:	Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End: True Vertical	meters Reconstructions Months and the second seco	desurements feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping:	Desc	m Uncorrec m → (mean File Nan Tription: m Uncorrec m → (mean File Nan Tription:	meters meters meters meters meters meters meters	Start: End: True Vertical me Session: Start: End: True Vertical met Session: Start: End: True Vertical met
iever Serial #: is: inping: surements feet → inping: surements inping: surements feet → inping: surements feet → inping: surements feet → inping: i	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) meters meters	Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End: True Vertical	meters Record State Management of the state	desurements feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping:	Desc	m Uncorrec m → (mean File Nam Fil	meters meters meters meters meters meters	Start: End: True Verticalme Session: Start: End: True Verticalmet Session: Start: End: True Verticalmet
iever Serial #: issurements feet inping: in	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End: True Vertical	meters Record State Management of the state	deciever Serial #: deasurements feet → eciever Serial #: deasurements feet → eciever Serial #: deciever Serial #: feet → eciever Serial #: feet → feet → feet → feet →	Desc	m Uncorrec m → (mean File Nan Fil	meters meters meters meters meters meters meters meters	Start: End: True Verticalme Session: Start: End: True Verticalmet Session: Start: End: True Verticalmet
iever Serial #: ie: inping: surements feet > iever Serial #: ie: surements feet > feet > feet > feet > iever Serial #: iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) meters meters	Start: End: True Vertical Session: Start: End: True Vertical Start: End: True Vertical True Vertical	meters R CC St M meters R CC St M meters CC St CC St CC St M meters	de: tamping: feat → feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping: feet → code: amping: feet → code: amping:	Desc	m Uncorrec m → (mean File Nan Tription: m Uncorrec m → (mean File Nam Tription: m Uncorrec m → (mean Tription:	meters	Start: End: True Vertical me Session: Start: End: True Vertical met Session: Start: End: True Vertical met
iever Serial #: e: nping: feet > iever Serial #: e: ping: feet > feet > feet > ever Serial #: ever Serial #: ever Serial #:	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End: True Vertical Session: Start: End:	meters R C St M meters R C St M meters C C St M C C C C C C C C C C C C C C C C C C	de: tamping: feat → feet → eciever Serial #: ode: amping: feet → feet	Desc.	m Uncorrec m → (mean File Nan ription: m Uncorrec m → (mean File Nam ription: m Uncorrec m → (mean m →	meters	Start: End: True Vertical me Session: Start: End: True Vertical met Session: Start: End: True Vertical met Session: Start: End:
iever Serial #: ie: inping: surements feet \rightarrow iever Serial #: ie: iping: feet \rightarrow feet \rightarrow feet \rightarrow ever Serial #: ie: iiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name: Description: m Uncorrected meters m → (mean) File Name:	Start: End: True Vertical Session: Start: End: True Vertical True Vertical True Vertical Session: Start: End: Start: End:	meters Record St Manuelers Record St Manuelers Column terrs	de: tamping: feasurements feet → eciever Serial #: ode: amping: feet → eciever Serial #: ode: amping: feet → code: amping: code: amping: feet → code: amping: code: amping: assurements feet → code: assurements feet → c	Describing Describing in set for batterizontal colles: 12" sp	m Uncorrec m → (mean File Nan Tription: m Uncorrec m → (mean File Nan Tription: m Uncorrec m → (mean File Nan Tription:	meters meters	Start: End: True Vertical met Session: Start: End: True Vertical met Session: Start: End: True Vertical met Session: Start: End: