1. Station Information Station Name: 4-Character Id: 000	17	2. Deployment By Operator: Tim Milbourne	·
./ 1	f.L	Operator: D? Local Date: 8/3/0 D Local Time: 16	···/
Stamping: H/		Local Date: 8/3/0_D Local Time: /6	26
Installed By:			
3. Equipment	CW4-18	4. Antenna Setup, Checklist *before	survey*
3. Equipment Reciever Type and Serial #:	3842A24489	A) Is Antenna Centered?	Yes No
Antenna Type and Serial #:	ewil-16	B) Is Antenna Level?	Yes No
	220138/99	C) Is Antenna Rotated to True N?	Yes No
	•	D) Will Setup Survive Wind and Time	? Yes No
5. Antenna Height (check t	oox)	•	
JPL 8.14 cm spike Tripod Tripod Slant Height Before Survey h1 = 1/2		14 m m Average Slant Measure 1.2230 1.230 m h3 = 1.2235 m	,
6. Data Recording			
a) Start time (UTC) DC	Julian Day 2/9	Approximate Position:	
b) Is It Logging Data?	Yes	Latitude:	
c) Are Batteries Charged	? Yes No	Longitude:	
d) How Much Memory I		Height:	
7. Comments and Problem *if a major problem occur		off center or level, etc) on and restart the survey with a new log	sheet*
Day Time Comments or p	roblems		
8/C 11:23a No problem	s downloading at all	<i>:</i>	

File ODAL 2190. dat

Operator: Tim Milbourne
Operator: D2

Operator: 46/6D Local Time: 1000

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

10. Antenna Height

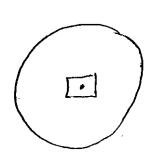
Tripod Slant Height

After Survey

h1 = 1.2230 m h2 = 1.2230 m h3 = 1.2230 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument



1. Station Information	2. Deployment By
Station Name: A2	Operator: Tim DZ
4-Character Id: DDA2	Operator:
Stamping: A2	Local Date: 8/3/00 Local Time: 1620
Installed By:	, ,
3. Equipment CWU ~ 10	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 36/6 A 546 8	A) Is Antenna Centered? Yes N
Antenna Type and Serial #: CWU-11 0220138198	B) Is Antenna Level? Yes N
0220138198	C) Is Antenna Rotated to True N? Yes N
	D) Will Setup Survive Wind and Time? (Yes N
5. Antenna Height (check box)	
JPL 6.14 cm spike Antenna Height = 0.06 JPL 8.14 cm spike Antenna Height = 0.08 Tripod Antenna Height = Tripod Slant Height Before Survey h1 = 0.95/5 m h2 =	m Average Slant Measure 0.95/5 m
6. Data Recording	
a) Start time (UTC) $QC: 28$ Julian Day 2	Approximate Position:
b) Is It Logging Data? Yes No	Latitude:
c) Are Batteries Charged? Yes No	Longitude:
d) How Much Memory Left? 229 hrs	Height:
 Comments and Problems (antenna check, battery *if a major problem occurs give a detailed explana 	
Day Time: Comments or problems	

File 00A22170. dat

8. Retrieva		
Operator:	Tim, Dt	
Operator:		

Local Date: 8/4 Local Time: 18:06

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

(Yes) N^{-1}

B) Is Antenna Still Level?

Yes No

No

C) Is Antenna Rotated to True N?

Yes

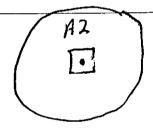
D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

h1 = 0.9510 m h2 = 0.931After Survey **Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.**

11. Sketch the Observing Monument



1. Station Information		2. Deployment By	
Station Name: A3		Operator: Tip, DZ	
4-Character Id: OC		Operator:	-
Stamping: A	3	Local Date: 8/3/00 Local Time:	1545
Installed By:		,	
3. Equipment	CNU-12	4. Antenna Setup, Checklist *befo	re survey*
Reciever Type and Seria	1#: 3842A24595	A) Is Antenna Centered?	(Yes) No
Antenna Type and Serial	#: 0220066915	B) Is Antenna Level?	Yes No
	200-4	C) Is Antenna Rotated to True N?	Yes No
		D) Will Setup Survive Wind and Tin	ne? (Yes No
5. Antenna Height (che	ck box)		
JPL 6.14 cm spik JPL 8.14 cm spik Tripod Tripod Slant Height Before Survey h1 =	Antenna Height = 0.08 Antenna Height =		1 <i>10 in</i>) n
6. Data Recording			
a) Start time (UTC)	23 .45 Julian Day 216	Approximate Position:	
b) Is It Logging Data		Latitude:	
c) Are Batteries Char	_	Longitude:	
d) How Much Memo	ry Left? 229 hrs	Height:	
	ems (antenna check, battery, curs give a detailed explanat	off center or level, etc) ion and restart the survey with a new lo	g sheet*
Day Time Comments	or problems		

File 00A32160.dst

-D 2 Operator:

Operator: 7(n)
Local Date: 8/4 Local Time: 18: 20

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

Yes

B) Is Antenna Still Level?

(Yes No

 N^{c}

C) Is Antenna Rotated to True N?

(Yes > No

D) Describe Any problems on #7 on front

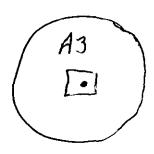
10. Antenna Height

Tripod Slant Height

h1 = 1.1410 m h2 = 1.1415 m h3 = 1.1415 mAfter Survey

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument



S 4 S	tation Na	2		2. Deployment Operator: Operator: Local Date:	SEN' Yauk T.P.	
		ent ype and Serial #: 42 ype and Serial #: 3	10551 5926 CWN 3 3190 CWN18	C) Is Antenna		No No No
. 6	JPL Trip Tripod Sla Sefore Sur Data Re a) Start b) Is It c) Are I d) How Comme	8.14 cm spike A ood A int Height every h1 = 1.12 cording time (UTC) Logging Data? Batteries Charged? Much Memory Left ints and Problems (a	Julian Day 21 Yes No Yes No Yes hrs Intenna check, battery,	14 m 1 m Average Sla 12 9 m Approx Latitud Longit Height off center or leve	h3 = 1.129 m eximate Position: le: 59 27.744 ude: 155 25.405 : 1062.3 M	·
Da						
		BENCHMAR	IR NEBOS		ODAY 2160. dat ODAY 2170. dat ODAY 2180. dat	

8. Retrieval Operator: Operator: Local Date: 8/5/00 Local Time: 11.53 (9:53	9. Antenna Setup, Checklist *after survey* A) Is Antenna Still Centered? B) Is Antenna Still Level? C) Is Antenna Rotated to True N? Yes Yes Yes D) Describe Any problems on #7 on front	No No No
10. Antenna Height Tripod Slant Height After Survey hl = 1 m **Do Not Copy the pre-survey slant height	$h2 = \frac{1}{2} \frac{2}{m}$ $h3 = \frac{2}{3} \frac{2}{m}$ hts from the front!!! Make new measurements.**	
11. Sketch the Observing Monument Show the exact point that the instrument v	was centered over and include a north arrow	•

1. Station Information Station Name: A5 4-Character Id: OOA5 Stamping: 5 Installed By:	2. Deployment By Operator: Operator: Local Date: 8/3/00 Local Time: 1108
3. Equipment Reciever Type and Serial #: 4005si /3628A 16418 Antenna Type and Serial #: Tripole Drope choke ring 5/N 0220066917 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* (Yes No. B) Is Antenna Level? (C) Is Antenna Rotated to True N? (Yes No. D) Will Setup Survive Wind and Time? (Yes No.
JPL 6.14 cm spike Antenna Height = 0.0614 JPL 8.14 cm spike Antenna Height = 0.0814 Tripod Antenna Height = 1.095 Tripod Slant Height Before Survey h1 = 1.095 m h2 = 1.095 6. Data Recording a) Start time (UTC) 19:08 Julian Day 2/14 b) Is It Logging Data? (S) No c) Are Batteries Charged? (S) No d) How Much Memory Left? 2.29 hrs 7. Comments and Problems (antenna check, battery, o	4 m m Average Slant Measure 095 m h3 = 1.095 m Approximate Position: Latitude: 59 22.6865 N Longitude: 153 31.1545 W Height: 31.1 m
if a major problem occurs give a detailed explanation Day Time Comments or problems Base station near to NoTE: Power accordinately, a	on and restart the survey with a new log sheet West Augustina but disconnected at 2045 local fime ay 217). New survey stated meeting, this wast several fules.

8. Retrieval	9. Antenna Setup, Checklist *after	survey*	
Operator: Im	A) Is Antenna Still Centered?	Yes	N_{-}
Operator:	B) Is Antenna Still Level?	Yes	No
Local Date: 8/7 Local Time: 17.06	C) Is Antenna Rotated to True N?	Yes	No
	D) Describe Any problems on #7 on	front	
10. Antenna Height			1/
Tripod Slant Height		- 600	9 5
After Survey $h1 = \frac{4.0\%}{100}$ m $h2 = \frac{1.0\%}{100}$	$= \frac{1.095}{1.095}$ m h3 = $\frac{1.095}{1.095}$	m	
10. Antenna Height Tripod Slant Height After Survey h1 = 1000 m h2 = 10000 m h2 = 1000 m	rom the front!!! Make new measureme	nts.**	
11. Sketch the Observing Monument			
~	and an and include a name amous		
Show the exact point that the instrument was c	entered over and include a north arrow		
	,5		
	4		

•

1. Station Information Station Name: 4-Character Id: Stamping: Installed By:	16	Operator: Tim Melbourne Operator: D2 Local Date: 8/4/00 Local Time: A		
3. Equipment Reciever Type and Serial #: Antenna Type and Serial #:	CWU-12 3842A24595 CWU-11 0220138198	 4. Antenna Setup, Checklist *before A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? D) Will Setup Survive Wind and Time 	(Tes)	No No No No
JPL 6.14 cm spike JPL 8.14 cm spike JPL 8.14 cm spike Tripod Tripod Slant Height Before Survey h1 = C.	Antenna Height = 0.06 Antenna Height = 0.08 Antenna Height =			
 6. Data Recording a) Start time (UTC) D3 b) Is It Logging Data? c) Are Batteries Charged d) How Much Memory L 7. Comments and Problems *if a major problem occurs Day Time Comments or problems 	Yes No Yes No eft? 395 hrs (antenna check, battery, sigive a detailed explanate)	Latitude: Longitude: Height:	sheet*	

8. Retrieval Operator: Im Melbourse	9. Antenna Setup, Checklist *after	•
	A) Is Antenna Still Centered?	Yes (N
Operator:	B) Is Antenna Still Level?	Yes (No
Local Date: 8/5/ED Local Time: 1727	C) Is Antenna Rotated to True N?	Yes No
	D) Describe Any problems on #7 on	front
10. Antenna Height Tripod Slant Height	Sex below	
	m h3 =	m
Do Not Copy the pre-survey slant heights fro	om the front!!! Make new measureme	nts.
	antered over and include a north arrow (Ind slightly off lave l (Ind slightly off lave l	
Now centeral here-		
estimate - 2mm offset to NW		

1. Station Information Station Name: 4-Character Id: Stamping: Installed By:	Operator: I'm Malbourne Operator: DZ Local Date: 8/4/00 Local Time: 110 7
3. Equipment Reciever Type and Serial #: 3 £ 18 ft 16417 Antenna Type and Serial #: 2 NU-17 0 1 20138192 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? Yes No No D) Will Setup Survive Wind and Time? Yes No
JPL 6.14 cm spike Antenna Height = 0.0614 JPL 8.14 cm spike Antenna Height = 0.0814 Tripod Antenna Height = Tripod Slant Height Before Survey h1 = ///620 m h2 = //	4 m m Average Slant Measure //レスロ
6. Data Recording a) Start time (UTC) 19:07 Julian Day 219 b) Is It Logging Data? (es No c) Are Batteries Charged? (es No d) How Much Memory Left? hrs 7. Comments and Problems (antenna check, battery, of the major problem occurs give a detailed explanation Day Time: Comments or problems	Latitude: Longitude: Height: off center or level, etc)
See notes or file name	

Ben Park Operator: Operator:

Local Date: 8/7/00 Local Time: 0915

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

Yes

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

h1 = 1.1610 m h2 = 1.1620 m h3 = 1.1620 m After Survey **Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.**

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow

Note: File 0A15-2160 (517 Kbytes, 3015 records, crested 23:59 UTC 8/6/00) 15 from AT. This (ib 15 DA RECEIVER 3628A 16417, Et should be named. ODAT- 220-0.Also Cile OA 15-216-0 should be owned DDA7-219-0 (135 Kbytes, 821 MODels)

1. Station Information Station Name: A8 4-Character Id: OCA8 Stamping: 8 Installed By: Tim, D7	2. Deployment By Operator: 7 m, D & Operator: 1 Local Date: 8 for Local Time: 1300		
3. Equipment	4. Antenna Setup, Checklist *before survey*		
3. Equipment Reciever Type and Serial #: Cwurt/13842424361 Antenna Type and Serial #: Cwurt/	A) Is Antenna Centered?		
Antenna Type and Serial #: 2 w 4 77/	A) Is Antenna Centered? B) Is Antenna Level? Yes No		
0120138/92	C) Is Antenna Rotated to True N? Yes No		
	D) Will Setup Survive Wind and Time? (Yes No		
5. Antenna Height (check box)			
Tripod Slant Height Before Survey $h1 = 1.1700$ m $h2 = 1.$	4 m m Average Slant Measure 1.1700		
6. Data Recording a) Start time (UTC) 2/ : 00 Julian Day 2/6	4		
b) Is It Logging Data? Yes No	**		
c) Are Batteries Charged? Yes No	Latitude:		
d) How Much Memory Left? hrs	Longitude: Height:		
7. Comments and Problems (antenna check, battery, off center or level, etc) *if a major problem occurs give a detailed explanation and restart the survey with a new log sheet*			
Day Time Comments or problems			
15/10 3:30 - I lary fil downloaded, needs to be prohim up ento 3 repeats			
· file, 1 for each day, 211, 217 + 218			
- File renamed from 4361-216-0 to 66 A82160			

8. Retrieval	9. Antenna Setup, Checklist *afte	r survey*
Operator: Tim Malbourne	A) Is Antenna Still Centered?	Yes N
Operator: $\mathcal{D} \neq$	B) Is Antenna Still Level?	Yes No
Local Date: 8/5/60 Local Time: 1022	C) Is Antenna Rotated to True N?	Yes No
	D) Describe Any problems on #7 or	front
10. Antenna Height Tripod Slant Height Not measured		
After Survey $h1 = $ m $h2 =$	m h3 =	m
Do Not Copy the pre-survey slant heights fro	om the front!!! Make new measureme	ents.
11. Sketch the Observing Monument		
Show the exact point that the instrument was ce	ntered over and include a north arrow	
		_

1. Station Information	2. Deployment By
Station Name: A9 4-Character Id: CCA9	Operator: Tim Mel bourne,
4-Character Id: CCH7	Operator: $\mathcal{Q}_{\mathcal{Z}_{\mathcal{A}}}$
Stamping: 19	Operator: 0 2 Local Date: 8/5/00 Local Time: 15:15
Installed By:	
3. Equipment \(\tau \w \ell - i/ \)	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 3842A2 4360	A) Is Antenna Centered? Yes No
Antenna Type and Serial #: 0120066516	B) Is Antenna Level?
ZWU-5	C) Is Antenna Rotated to True N? Yes No
	D) Will Setup Survive Wind and Time? Yes No
5. Antenna Height (check box)	
JPL 6.14 cm spike Antenna Height = 0.061 JPL 8.14 cm spike Antenna Height = 0.081 Tripod Slant Height Tripod Slant Height	
Before Survey $h1 = m + h2 = m$	m h3 = m d 0.000 - See back
6. Data Recording	
a) Start time (UTC) 23 : 16 Julian Day 2/8	Approximate Position:
b) Is It Logging Data? Yes No	Latitude:
c) Are Batteries Charged? (Yes) No	Longitude:
c) Are Batteries Charged? Yes No d) How Much Memory Left? 3.9/ hrs	Height:
7. Comments and Problems (antenna check, battery, comments and problem occurs give a detailed explanation)	•
Day Time Comments or problems	
No bould on	//

8. Retrieval		111	
Operator:	110	Milbour	つく
Operator:	07		
Local Date:	8/4/00	Local Time:	0908

9.	Antenna	Setup,	Checklist	*after	survey*
----	---------	--------	-----------	--------	---------

A) Is Antenna Still Centered?

Yes

B) Is Antenna Still Level?

Yes No

D) is Amemia Sim Dever.

Yes) No

C) Is Antenna Rotated to True N?

(Yes)

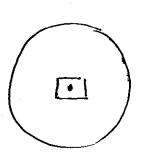
D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

After Survey h1 = 1.07/5 m h2 = 1.07/5 m h3 = 1.07.20 m h3 = 1.07.20 m h3 = 1.07.20 m

11. Sketch the Observing Monument



1. Station Information Station Name: 10 4-Character Id: 10 Stamping: 10 Installed By:	1988	Operator: J. P. Local Date 9 3 00	Local Time: 1157
3. Equipment Reciever Type and Serial #: Antenna Type and Serial #:	400066£ 4360 CWU! 8191CWU!2	A) Is Antenna Centerd B) Is Antenna Level? C) Is Antenna Rotated	Yes No d to True N? Yes No
JPL 6.14 cm spike JPL 8.14 cm spike Tripod Tripod Slant Height Before Survey h1 = 1.5 6. Data Recording a) Start time (UTC) b) Is It Logging Data? c) Are Batteries Charged d) How Much Memory L 7. Comments and Problems	Antenna Height = 0.061 Antenna Height = 0.081 Antenna Height = 1.196 m h2 = 1.16 yes No yes No yes No hrs s (antenna check, battery, o	Approximate I Latitude: 5 Longitude: 16 Height: 0	Position: 9 21 5603 53 25.9 635 1243 M
		on and restart the survey	with a new log sheet
-		OUTSIDE	OF MARK,
	Station Name: 4-Character Id: Stamping: Installed By: 3. Equipment Reciever Type and Serial #: Antenna Type and Serial #: 5. Antenna Height (check by JPL 8.14 cm spike JPL 8.14 cm spike Tripod Tripod Slant Height Before Survey h1 = 1.4 6. Data Recording a) Start time (UTC) b) Is It Logging Data? c) Are Batteries Charged d) How Much Memory L 7. Comments and Problems *if a major problem occur. Day Time Comments or proper statements.	Station Name: A Character Id:	Station Name: 11 Operator: 3. Equipment Antenna Type and Serial #: 4360 CNU B) Is Antenna Level? BY ICWN IV. C) Is Antenna Rotated D) Will Setup Survive 5. Antenna Height (check box) JPL 8.14 cm spike Antenna Height = 0.0614 m JPL 8.14 cm spike Antenna Height = 0.0814 m Antenna Height = 1.196 m Average Slant Mea Tripod Slant Height Before Survey h1 = 1.196 m h2 = 1.196 m h3 = 1.196 6. Data Recording a) Start time (UTC)

Operator: Operator: Local Date: 0500 Local Time:	9. Antenna Setup, Checklist *after survey* A) Is Antenna Still Centered? B) Is Antenna Still Level? C) Is Antenna Rotated to True N? D) Describe Any problems on #7 on front
•	$h2 = \frac{1}{3} \frac{96}{96} \text{ m}$ $h3 = \frac{1}{3} \frac{96}{96} \text{ m}$ ights from the front!!! Make new measurements.**
11. Sketch the Observing Monument Show the exact point that the instrument	t was centered over and include a north arrow
: 	
	•
; ; ;	
<u>i</u> <u> </u>	

No No No

1. S	Station Information		2. Deployment By		
Star	tion Name:A		Operator: Ben 334		
4-C	haracter Id: BAI		Operator:		
Sta	mping: A		Local Date: 8/5/20 Local Time: 17:	u,	
	alled By: AVO				
	·				
3. E	Equipment	5 46 8	4. Antenna Setup, Checklist *before s	urvey*	
Rec	eiever Type and Serial #:	400035 CWU#1	A) Is Antenna Centered?	Yes	No
	enna Type and Serial #:		B) Is Antenna Level?	Yes	No
			C) Is Antenna Rotated to True N?	Yes	No
			D) Will Setup Survive Wind and Time?		No
5. A	antenna Height (check b	ox)	•		
	1				
	JPL 6.14 cm spike	Antenna Height = 0.061	4 m		
	JPL 8.14 cm spike	Antenna Height = 0.081	4 m		
\sqrt{V}	Tripod	Antenna Height =	m Average Slant Measure		
Tri	pod Slant Height – /	Vo freight Red - Mi	$\frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}} \frac{1}{\sqrt{3}$		
_	ore Survey h1 =	m h2 =	m h3 =m		
<i>~</i>		(Sec	back)		
6. I	Oata Recording	· ·			
	a) Start time (UTC) 🐠	Julian Day 210	Approximate Position:		
	b) Is It Logging Data?	(Yes) No	Latitude: 593 20. 91311	1	
	c) Are Batteries Charged	? Yes No 1/2 /	En Longitude: 153° 23. 206	9.11	
	d) How Much Memory L	eft? 371 hrs	Height: 153° 23. 206		
7. (Comments and Problems	s (antenna check, battery, o			
*	if a major problem occur	s give a detailed explanation	on and restart the survey with a new log sl	neet*	
Day	Time Comments or p	roblems			
9/5	17:00	de Sura	mensure height		
8/16	13:00 Be sur	to enter people of	antenne into log and vinex office		:
:	Mesder 1	THE WALL BOUT OF	70° 1 0 -0		
					:
	- Chunka	DZ+ Tim for fundin	my brunton!		
	·	v v s	, ,		

Operator: Tim Melbourne
Operator: DZ
Local Date: 8/6/00 Local Time: 1/20

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

No

B) Is Antenna Still Level?

No

C) Is Antenna Rotated to True N?

No

D) Describe Any problems on #7 on front

10. Antenna Height

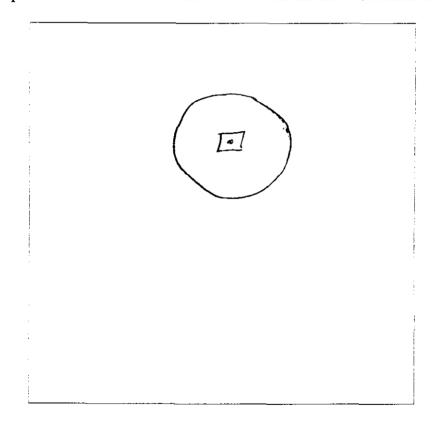
Tripod Slant Height

After Survey

h1 = 10290 m h2 = 10290 m h3 = 10210 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument



1. Station Information	2. Deployment By
Station Name: A/2	Operator: Tim, D2
4-Character Id: OHIZ	Operator:
Stamping: A12_	Local Date: 8/3/00 Local Time: 1400
Installed By: 77m, DZ	•
3. Equipment $\geq w \mathcal{U}/\mathcal{E}$	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 3842A 24489	A) Is Antenna Centered? Yes No
Antenna Type and Serial #: Ewylb	B) Is Antenna Level? Yes No
0220138 199	C) Is Antenna Rotated to True N? Yes No
	D) Will Setup Survive Wind and Time? Yes No
5. Antenna Height (check box)	
JPL 6.14 cm spike Antenna Height = 0.0	
JPL 8.14 cm spike Antenna Height = 0.0	_
_	m Average Slant Measure /./6/5
Tripod Slant Height Before Survey $h1 = \frac{1.1 \times 15^{-1}}{1.1 \times 15^{-1}}$ m $h2 = \frac{1.1 \times 15^{-1}}{1.1 \times 15^{-1}}$	1.1610 m h3 = 1.1615 m
6. Data Recording	
a) Start time (UTC) $22:02$ Julian Day 2	/ 6 Approximate Position:
b) Is It Logging Data? Yes No	Latitude:
c) Are Batteries Charged? Yes No	Longitude:
d) How Much Memory Left? 229 hrs	Height:
7. Comments and Problems (antenna check, batter *if a major problem occurs give a detailed explanation)	y, off center or level, etc) ation and restart the survey with a new log sheet*
Day Time Comments or problems	
8/5 3:10 p.m Downloaded as I large fit of - file needs to be broken for each day - B. Pauk	unamed 0A12-Q16-0 up into 3 separate file

8. Retrieval Operator: Tim Melbourne Operator: D2 Local Date: 8/5/00 Local Time: 1058	 9. Antenna Setup, Checklist *after A) Is Antenna Still Centered? B) Is Antenna Still Level? C) Is Antenna Rotated to True N? D) Describe Any problems on #7 on 	Yes No Yes No
10. Antenna Height Tripod Slant Height After Survey h1 =m h2 = **Do Not Copy the pre-survey slant heights fro 11. Sketch the Observing Monument Show the exact point that the instrument was cer		

1. Station Information Station Name: A14 4-Character Id: A14 Stamping: A14 1988 Installed By:	2. Deployment By Operator: REN Operator: T. P Local Date: 8-3-00 Local Time: 13114
3. Equipment Reciever Type and Serial #: 5927 CWW 02 Antenna Type and Serial #: 6916 TRIMOLE CWW 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? Yes No Yes No No Hoff
JPL 6.14 cm spike Antenna Height = 0.0614 JPL 8.14 cm spike Antenna Height = 0.0814 Tripod Antenna Height = 1.186 Tripod Slant Height Before Survey h1 = 1.188 m h2 = 1.186 6. Data Recording a) Start time (UTC) 21 .27 Julian Day 21.28 b) Is It Logging Data? c) Are Batteries Charged? d) How Much Memory Left? 112 hrs 7. Comments and Problems (antenna check, battery, considered a major problem occurs give a detailed explanation of the problems BENCH MARK NEEDS CEMENT ADDED CONCLUSION	Approximate Position: Latitude: 59 21.5339 Longitude: 153 25.5529 Height: 1 82.2 M off center or level, etc) on and restart the survey with a new log sheet*
	:

8. Retrieval Operator: Operator: Local Date: 95 00	Local Time: (0 :23	9. Antenna Setup, ChecklisA) Is Antenna Still CenteredB) Is Antenna Still Level?C) Is Antenna Rotated to TransD) Describe Any problems of	I? Yes ue N? Yes
**Do Not Copy the	$h = \frac{1}{2}$ m $h^2 = \frac{1}{2}$ pre-survey slant heights from	1.187 m h3 = 10 the front!!! Make new means	
11. Sketch the Observation Show the exact points	ving Monument int that the instrument was cent	ered over and include a north	arrow
·			

No No

1. Station Information Station Name: A 15 4-Character Id: A A 15 Stamping: A 15 1988 Installed By:	Operator: J. P. Local Date 3-03 Local Time: 14:30
3. Equipment Reciever Type and Serial #: 644 CVO#6 Antenna Type and Serial #: 141WBLF 6922 CWU 94 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? D) Will Setup Survive Wind and Time Yes No
Tripod Slant Height Before Survey $h1 = \frac{1.333}{3.00}$ $h2 = \frac{1.33}{3.00}$ 6. Data Recording	3 m Average Slant Measure $\frac{333}{m} = 1.333 \text{ m}$
a) Start time (UTC) 22:30 Julian Day 216 b) Is It Logging Data? Yes No c) Are Batteries Charged? Yes No d) How Much Memory Left? 45 hrs 7. Comments and Problems (antenna check, battery, o *if a major problem occurs give a detailed explanation	Latitude: 59 21 132 3 Longitude: 153 25 695 7 Height: (229, 4) ff center or level, etc)
Day Time Comments or problems NO Comment.	

8. Retrieval	9. Antenna Setup, Checklist *after su	rvey*
Operator: Tm D?	A) Is Antenna Still Centered?	Yes
Operator: Local Date: 8/5/10 Local Time:	B) Is Antenna Still Level?	Yes
Local Date: 8/5/10 Local Time:	C) Is Antenna Rotated to True N?	Yes
•	D) Describe Any problems on #7 on fro	ont
10. Antenna Height		
Tripod Slant Height		
After Survey $h1 = 1.33$	$m h2 = 1.33^{3} \qquad m h3 = 1.333$	m
	heights from the front!!! Make new measurements	
11. Sketch the Observing Monument		
J	ent was centered over and include a north arrow	
<u></u>		
:		
:		
i		
į		

No No No

1. Station Information Station Name: AB 4-Character Id: AB Stamping: AB Installed By:	· F	Operator: Other Local Time:	1456
3. Equipment Reciever Type and Serial #:	2 WU-03 3625A15926	4. Antenna Setup, Checklist *before A) Is Antenna Centered?	re survey*
Antenna Type and Serial #:	2 WU18	B) Is Antenna Level?	Yes No
	7220 138190	C) Is Antenna Rotated to True N? D) Will Setup Survive Wind and Tim	Yes No ne? (Yes No
5. Antenna Height (check be	ox)		
JPL 6.14 cm spike JPL 8.14 cm spike Tripod Tripod Slant Height Before Survey h1 = 1.2			n
6. Data Recording			
a) Start time (UTC) 22	: 56 Julian Day 21	4 Approximate Position:	
b) Is It Logging Data?	Yes No	Latitude:	
c) Are Batteries Charged?		Longitude:	
d) How Much Memory L	eft? 372 hrs	Height:	
7. Comments and Problems *if a major problem occurs	• •	off center or level, etc) on and restart the survey with a new lo	g sheet*
Day Time Comments or pr	oblems		<u> </u>
;			

Operator: Ben Pauk

Operator: D^2 Local Date: $8/2/\epsilon c$ Local Time: $13/\epsilon$

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

Yes No

B) Is Antenna Still Level?

Yes No

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

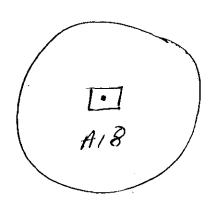
10. Antenna Height

Tripod Slant Height

After Survey $h1 = \frac{12}{70} = \frac{12}{75} = \frac{12}{75}$

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument



1. Station Information		2. Deployment By	
Station Name: BURR	AVX	Operator: Tim Malbourne	· · · -
4-Character Id: Bu'RR		Operator: \mathcal{D} ?	_
Stamping: None		Local Date: 8/s/oD Local Time:	1707
Installed By:		. ,	
3. Equipment	cwil-01	4. Antenna Setup, Checklist *befo	re survey*
Reciever Type and Serial #:	3625A 15927	A) Is Antenna Centered?	Yes No
Antenna Type and Serial #:	CW4-12	B) Is Antenna Level?	(Yes) No
<i>0</i> 22	0138191	C) Is Antenna Rotated to True N?	Yes No
		D) Will Setup Survive Wind and Tin	ne? Yes No
5. Antenna Height (check b	ox)		
JPL 6.14 cm spike	Antenna Height = 0.06	14 m	
JPL 8.14 cm spike	Antenna Height = 0.08	14 m	
Tripod	Antenna Height =	m Average Slant Measure 1, 216	<u>, </u>
Tripod Slant Height	*		
Before Survey h1 = 1/2	2160 m h2 = 1	2/65 m h3 = 1,2/65 r	n
6. Data Recording			
a) Start time (UTC) 6/	: 12 Julian Day 2/ 9	Approximate Position:	
b) Is It Logging Data?	Yes No	Latitude:	
c) Are Batteries Charged	? (Yes) No	Longitude:	
d) How Much Memory L	eft? 5.3 hrs	Height:	
7. Comments and Problem	s (antenna check, battery,	off center or level, etc)	
		ion and restart the survey with a new lo	og sheet*
Day Time Comments or p	roblems		
BK 11:12a.m Chave are 2	fles both from ?	TD 219, one is a file	
That we be	Home to the	record is a layer one	
that run of	or several house	V	
11. 1. 1	le is labeled Bo	URRAMO and	
ine girst for	A.A. A.A.A	PURR2191	
The second	file is labeled	ט טיייאיזי יי	

Operator: Tim Mildoune

Operator: DZ

Local Date: 8/4/00 Local Time: 1025

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

Yes No.

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

10. Antenna Height

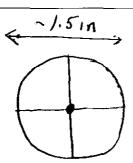
Tripod Slant Height

 $h1 = \frac{12155}{m}$ $h2 = \frac{12155}{m}$ $h3 = \frac{12155}{m}$ After Survey

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow



No Stamping

1. Station Information Station Name: Burr Point (Island) 1913 4-Character Id: BUR2 Stamping: None Installed By: U.SC+65	2. Deployment By Operator: Tim Molbourne Operator: 2 Local Date: 8/6/00 Local Time: 1600
3. Equipment Reciever Type and Serial #: 36/6A/5468 Antenna Type and Serial #: CWU-12 0220/38/91	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? Yes No No No No No No No No No No
5. Antenna Height (check box)	
JPL 6.14 cm spike Antenna Height = 0.0614 JPL 8.14 cm spike Antenna Height = 0.0814 Tripod Slant Height Before Survey h1 = 1.2870 m h2 = 1.28	m Average Slant Measure 1, 2870m
6. Data Recording	
a) Start time (UTC) OO : 20 Julian Day 220	Approximate Position:
b) Is It Logging Data? Yes No	Latitude:
c) Are Batteries Charged? Yes No	Longitude:
d) How Much Memory Left? 347 hrs	Height:
7. Comments and Problems (antenna check, battery, of *if a major problem occurs give a detailed explanation	
Day Time: Comments or problems	

Operator: Ben Park

Operator: D^2 Local Date: $9/7/0^2$ Local Time: 10.53

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

No

C) Is Antenna Rotated to True N?

(Yes No

D) Describe Any problems on #7 on front

10. Antenna Height

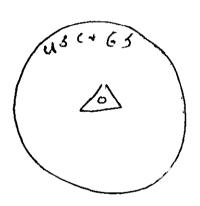
Tripod Slant Height

After Survey

h1 = 1.2860 m h2 = 1.2870 m h3 = 1.2870 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument



1. Station Information		2. Deployment By		
Station Name: Kanishak	<u></u>	Operator: Tim Milborne		
4-Character Id: KAMI		Operator: 4		
Stamping: KAMISHAK	· · · · - · ·	Local Date: 8/4/00 Local Time: 20.	PO	
Installed By:		•		
_	CW410	4. Antenna Setup, Checklist *before s		
	616A15468	A) Is Antenna Centered?	Yes	No
₹ X	200-4	B) Is Antenna Level?	Yes	No
0.	110066415	C) Is Antenna Rotated to True N?	Yes	No
		D) Will Setup Survive Wind and Time?	Yes	No
5. Antenna Height (check box)			_	
1 1	tenna Height = 0.061			
1.7	ntenna Height = 0.081			
Tripod Ar	ntenna Height =	m Average Slant Measure 6, 74/.	5 m	
Tripod Slant Height	_			
Before Survey $hi = 0.79$	$/5$ m h2 = \mathcal{O} .	79/5 m h3 = $0.79/5$ m		
	•			
6. Data Recording		•		
a) Start time (UTC) 04:0	Julian Day 2/8	Approximate Position:		
b) Is It Logging Data?	(Yes) No	Latitude:		
c) Are Batteries Charged?	Yes No	Longitude:		
d) How Much Memory Left?	378 hrs	Height:		
7. Comments and Problems (an	ntenna check, battery, o	off center or level, etc)		
if a major problem occurs giv	ve a detailed explanation	on and restart the survey with a new log s	heet	
Day Time Comments or proble				
-8/ 1:55 No problems here	e ·	A		
- File originally	labeled OKAM	7 218-0, I renamed		
It KAMT-D	280 - RPaul			

8. Retrieval Operator: Operator: Local Date: 8/6/00 Local Time: 17:00	9. Antenna Setup, Checklist *after survey* A) Is Antenna Still Centered? Yes No B) Is Antenna Still Level? Yes No C) Is Antenna Rotated to True N? Yes No D) Describe Any problems on #7 on front
10. Antenna Height Tripod Slant Height After Survey h1 = m h2 = **Do Not Copy the pre-survey slant heights from the survey slant heights from the s	n the front!!! Make new measurements.**
Show the exact point that the instrument was cen	tered over and include a north arrow

1. Station Information Station Name: LUCI 4-Character Id: LUCI Stamping: PK Nail Installed By: DZ/Tim McBourne WD/LINU/AVD	Operator: Tim Melbourne Operator: De Local Date: 8/4/00 Local Time: 1700
3. Equipment 8/6/00 C w U-11	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 3842424360	A) Is Antenna Centered? Yes No
Antenna Type and Serial #: [wul-c4]	B) Is Antenna Level? (Yes No
0220066922	C) Is Antenna Rotated to True N? Yes No
	D) Will Setup Survive Wind and Time? Yes No
5. Antenna Height (check box)	
JPL 6.14 cm spike Antenna Height = 0.061 JPL 8.14 cm spike Antenna Height = 0.081 Tripod Antenna Height = Tripod Slant Height Before Survey h1 = 1.1510 m h2 = 1.1510 6. Data Recording a) Start time (UTC) 01 : 00 Julian Day 2.2 b) Is It Logging Data? Yes No c) Are Batteries Charged? Yes No d) How Much Memory Left? hrs 7. Comments and Problems (antenna check, battery, contains a major problem occurs give a detailed explanation)	### Average Slant Measure ### ### ############################
Day Time Comments or problems	on and restart the survey with a new log sheet
Station is a f that is 15 m d of the largest	K nail atop on ~8m boulder be west of the porth corner boulder on the 1976/86 pyroclastic from Burr Point Hut).

Operator:

Operator: D2

Local Date: 8/7/00 Local Time: 11:13

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

No~

C) Is Antenna Rotated to True N?

No

D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

After Survey

h1 = 1.1510 m h2 = 1.1515 m h3 = 1.1510 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow

1. Station Information	2. Deployment By
Station Name: LUD2	Operator: Tim Addovine
4-Character Id: LUC 2	Operator: 42
Stamping: PK Nail Installed By: D7/Tim Melbovene	Local Date: 8/6/00 Local Time: 1800
Installed By: DA/Tim Mulbourne EVO/ZWU/AVO	• /
3. Equipment 8/4/00 CWU-02 President Time and Social # 3/1/04/05	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 3645717	A) Is Antenna Centered? Yes No
Antenna Type and Serial #:	B) Is Antenna Level? Yes No
02.20066916	C) Is Antenna Rotated to True N? Yes No
5. Antenna Height (check box)	D) Will Setup Survive Wind and Time? Yes No
Total (Check Cox)	
JPL 6.14 cm spike Antenna Height = 0.061	1 <i>4</i> m
JPL 8.14 cm spike Antenna Height = 0.081	
	m Average Slant Measure 1.0245 m
Tripod Slant Height	III Average Static Measure 7/2/28(3) M
Before Survey $h1 = \frac{16250}{m} h2 = \frac{1}{4}$	124/2 m h2 - 12241
201010 011 101 112 - 121	115 - 762-29 HI
6. Data Recording	
a) Start time (UTC) D2 : CD Julian Day 22.	Approximate Position:
b) Is It Logging Data? Yes No	Latitude:
c) Are Batteries Charged? Yes No	Longitude:
d) How Much Memory Left? hrs	Height:
7. Comments and Problems (antenna check, battery, a *if a major problem occurs give a detailed explanation	off center or level, etc)
if a major problem occurs give a detailed explanation Day Time: Comments or problems	on and restart the survey with a new log sneet
	Nail atop a 4m booker
in upper reach	of 1976/PL py makestie fan,
near eastern margin, ~ 20 m west of a	snow-fell stream, elevation
17 pm fact	-

Ben Pauk Operator:

Operator: D7

Local Date: 8/7/50 Local Time: 11:49

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

C) Is Antenna Rotated to True N?

No

No

D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

After Survey

h1 = 1024C m h2 = 1014C m h3 = 1024D m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow

P.K Na, 1

j	1. Station Information	2. Deployment By
	Station Name: Mound	Operator: Bin and
	4-Character Id: MOUN	Operator: John Power
	Stamping: 100%-60 Installed By: 以らく	Local Date: 8/5/00 Local Time: 4/37
	Installed By: NG3	
	3. Equipment Regioner Type and Social #: 4/000.55: 4/36/ CNM # 17	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? Yes No
	Reciever Type and Serial #: 100055: 4361 CWW # 17 Antenna Type and Serial #: Timble Chocaring CWW # 04 6922	A) Is Antenna Centered? B) Is Antenna Level? Yes No
	fall. # DV (02)	C) Is Antenna Rotated to True N? (Yes) No
	Canada in a in a day of	D) Will Setup Survive Wind and Time? (Yes) No
	5. Antenna Height (check box)	b) will setup survive wind and Time: (tes) 110
	JPL 6.14 cm spike Antenna Height = 0.0614	4 m
	JPL 8.14 cm spike Antenna Height = 0.0814	1 m
	Tripod Antenna Height = 1155	m Average Slant Measure
	Tripod Slant Height	
	Before Survey $h1 = 1.155$ m $h2 = 1$	$\frac{155}{m}$ m h3 = $\frac{1155}{m}$ m
	6. Data Recording	
	a) Start time (UTC) OO: 34 Julian Day 219	Approximate Position:
	b) Is It Logging Data? Yes No	Latitude: 59° 22. 21/67
	c) Are Batteries Charged? Yes No	Latitude: 5°22.2767
	d) How Much Memory Left? 353 hrs	Height: 117.9m
	7. Comments and Problems (antenna check, battery, o	
	if a major problem occurs give a detailed explanatio	n and restart the survey with a new log sheet
I	Day Time Comments or problems	
	No problems here!	

8. Retrieva	al	011	
Operator:	Tim	Mil bo	VIDE
Operator:	€	**	
Local Date	8/6/00	Local Time:	0942

9. A	Antenna	Setup,	Checklist	*after	survey*
------	---------	--------	-----------	--------	---------

A) Is Antenna Still Centered?

_		
	Yes	
<u> </u>		

B) Is Antenna Still Level?

Yes No _

Νo

C) Is Antenna Rotated to True N?

es No

D) Describe Any problems on #7 on front

10. Antenna Height

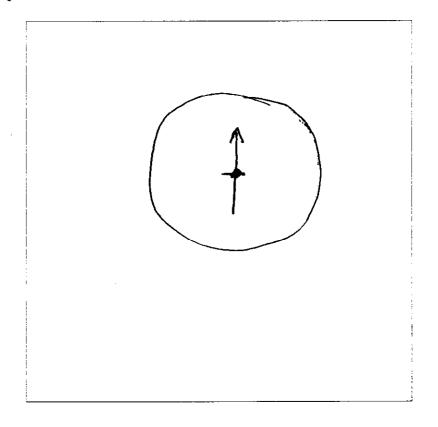
Tripod Slant Height

After Survey h1 = 1.150 m h2 = 1.150 m h3 = 1.150 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow



1. Station Information Station Name: South Augustine 4-Character Id: SAUG Stamping: Installed By:	Operator: Mc/Source Operator: Profision Local Date: 8/5/60 Local Time: 14:30
3. Equipment Reciever Type and Serial #: Antenna Type and Serial #: 557 Cwd-18 O220/38/10 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? D) Will Setup Survive Wind and Time? No
JPL 6.14 cm spike Antenna Height = 0.0614 JPL 8.14 cm spike Antenna Height = 0.0814 Tripod Antenna Height = Tripod Slant Height Before Survey h1 = ///30 m h2 = //4	4 m m Average Slant Measure / /5 20
6. Data Recording a) Start time (UTC) 22: 35 Julian Day 2/8 b) Is It Logging Data? Yes No c) Are Batteries Charged? Yes No d) How Much Memory Left? 397 hrs 7. Comments and Problems (antenna check, battery, of the start of	Latitude: Longitude: Height: Off center or level, etc)
Day Time Comments or problems 10:02a File orizinally named 00A1-217-0 renormed the SAMG2180 and s date of creation and time of p	and 06A4-217.0, I SAUG 2190 bound on

Operator: 02 Operator: 1.m

Local Date: 8/4/00 Local Time: OSYD

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

B) Is Antenna Still Level?

No (Yes No

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

After Survey

h1 = 1.1510 m h2 = 1.1510 m h3 = 1.1520

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow

Note: zinter mark is raised, making precise height measurement difficult

1. Station Information Station Name: Step Movo 1910 4-Character Id: STEP Stamping: STEP Installed By:	2. Deployment By Operator: Tun Melbourne Operator: D? Local Date: 8/4/00 Local Time: 1357
3. Equipment Coul-18	4. Antenna Setup, Checklist *before survey*
Reciever Type and Serial #: 3842A 24489	A) Is Antenna Centered? Yes No
Antenna Type and Serial #: CVU-16	B) Is Antenna Level? Yes No
0220138 199	C) Is Antenna Rotated to True N? (Yes) No
•	D) Will Setup Survive Wind and Time? Yes No
5. Antenna Height (check box)	
Tripod Slant Height Before Survey $h1 = \frac{1.194D}{m} h2 =$	814 m m Average Slant Measure 1/1955 m
6. Data Recording 22 a) Start time (UTC) 2 124 Julian Day 2	19 American Profession
	· · · · · · · · · · · · · · · · · ·
b) Is It Logging Data? (Yes No c) Are Batteries Charged? (Yes No	Latitude:
d) How Much Memory Left? 335 hrs	Longitude: Height:
7. Comments and Problems (antenna check, battery *if a major problem occurs give a detailed explanation)	y, off center or level, etc)
Day Time Comments or problems	
NOTE: This 11	4 VERY POOR MARK,
set in a loose	slab ~ 70 cm x 50 cm x 20 cm
thick.	

Operator: Ben Pauk
Operator: D7
Local Date: 8/7/07 Local Time: 12:45

9. Antenna Setup, Checklist *after survey*

A) Is Antenna Still Centered?

No

B) Is Antenna Still Level?

No

C) Is Antenna Rotated to True N?

D) Describe Any problems on #7 on front

10. Antenna Height

Tripod Slant Height

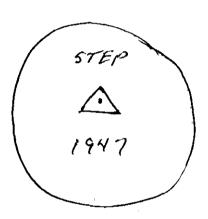
After Survey

h1 = 1.1950 m h2 = 1.1950 m h3 = 1.1950 m

Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.

11. Sketch the Observing Monument

Show the exact point that the instrument was centered over and include a north arrow



1. Station Information Station Name: West Augustine 4-Character Id: WEST Stamping: WEST PUGUSTINE Installed By: USC+65	2. Deployment By Operator: Bro Park Operator: D = Local Date: Local Time: 0955
3. Equipment Reciever Type and Serial #: 38429 24595 Antenna Type and Serial #: CWW-11 OLLO 38198 5. Antenna Height (check box)	4. Antenna Setup, Checklist *before survey* A) Is Antenna Centered? B) Is Antenna Level? C) Is Antenna Rotated to True N? D) Will Setup Survive Wind and Time? Yes No.
JPL 6.14 cm spike Antenna Height = 0.061 JPL 8.14 cm spike Antenna Height = 0.081 Tripod Antenna Height = Tripod Slant Height / 24/12 Before Survey h1 = 111111 m h2 = 111111	4 m m Average Slant Measure / 24 05 m
6. Data Recording a) Start time (UTC) /2 : 07 Julian Day 22 b) Is It Logging Data? Yes No c) Are Batteries Charged? Yes No d) How Much Memory Left? 3/4/ hrs 7. Comments and Problems (antenna check, battery, controller of the problem occurs give a detailed explanation)	Latitude: Longitude: Height: off center or level, etc)
Day Time Comments or problems 177 17:35 2 File Created, I for 5 hours 1:33 hours on JD-222 - ignore all Rad satisfy topolo. Tupod shift There fels were resented on JD	on JD 220, and one for I other files. for this due to to
and labeled WALIG-219.0, WALIG-21.	gen downloaded anyway

9. Antenna Setup, Checklist *after survey* 8. Retrieval Ben Paul, DZ A) Is Antenna Still Centered? Operator: B) Is Antenna Still Level? Operator: Local Date: 8/7 Local Time: 17:35 C) Is Antenna Rotated to True N? D) Describe Any problems on #7 on front 10. Antenna Height **Tripod Slant Height** h2 = 1.2345 m h3 = 1.2345h1 = 1.240 m After Survey **Do Not Copy the pre-survey slant heights from the front!!! Make new measurements.** 11. Sketch the Observing Monument Show the exact point that the instrument was centered over and include a north arrow ~ a

No

No