Sept 21st 1956. Started at going again.
New simplified filament system.
Wound clock 56 Turns.
Put rods in well 5/16" deep.
antenna Dial 78, Recvr dial 36.0.
Attenuator 21 DB, Vibrator on.
B batteries 100 v A batts 2.01, 2.01, 2.01 v.
First time mark 500 pm.
Few atmospherics as considerable rain at times.

Sept 23rd Arrive 1030 am. Everything going
Occasional atmospherics every 5 to 10 seconds. Weather
overcast.
1150 a — 110 p listened
faint code at 39.0 for moment only, also 33.6, 28.5
Heard VIM at noon time. Clock was two
minutes slow. Corrected clock. Also increased
clock speed a bit.
Faint carrier 29.0.
Usual BC carriers at 45.5 49.5, 53.5, 57.5, 61.5
No carrier at 41.5 however
Residual atmospherics not in system New Zealand
as these come in equally on either north or south
antenna but stop when both antennas removed.
Placing a ground on sheet metal roof had no
effect however. Not even a scratching noise
could be heard when rubbing ground wire over
roofing metal.
Checked batteries as follows. B = 149 v total.
A batts. 1.99 v, 2.00 v, 1.99 v
Gravities 1225, 1250, 1235

checked vibrator voltage. Found to be 0.4 v rms.
Increased to 0.5 v rms. This is just too small

in front end of receiver. Pen very sensitive now, constantly moving.

115pm Set attenuator to 15DB and let sun. Ink down to 3/16", so apparently rises about 1/16" per day. Measured tension in feed wires with a wind of about 10 mph from south.
South feeder 1lb, North feeder 6lbs.

Left 320pm

24th Sept. Arrive 1030 am. Everything going.

1255p - 125p listened.
Heard time from VIS very good. The 1300 is beginning of last dash. Here then makes an announcement, Clock was OK. VIS at 27.7 with beat oscillator at 46.0, antenna 83.0

Carrier 29.2. Think this is 2nd harmonic of the beat oscillator. It is as changing Beat oscillator only slightly makes a large difference in tuning of this carrier.
Usual BC carriers present including New Zealand at 57.5 but none at 41.5. No code to be heard. Very faint code at 33.5 for couple of minutes only. Most of time very quiet with occasional weak atmospherics. However from time to time coarse buzzing noises appear with some 50 cycle components. These fortunately last only from a couple of seconds to less than a minute and are quite rare.
125p. Set attenuator at 9DB and allowed to run.

Took pictures of south down lead in sync. Used XX616 film, F32, deep red filter.

24th Continued.
Calm day. There was about 6 inches slack in south leader and north one showed only about 3 lbs tension. Decided to pull up on west end of both antennas.
North antenna had initial tension of 600 lbs. Pulled up to 830 lbs and took in 5 ft of wire.
South antenna had initial tension of 560 lbs. Pulled up to 830 lbs and took in 4 ft of wire.
Now tension in bottom South down lead 19½ lbs.
" " " " North " " 19½ lbs.

Made two rock cairns about 900 ft & 1800 ft to north of north rgd post along top of east ridge. These mark possible sites for east ends of two additional spans across valley. Fotos on V616, f 11, 1/50 sec were taken of each rock cairn pointed to south and to west. The west pictures show estimated places on west slope approximately above cairns where west ends of projected wires might be fastened. All very speculative at present state of affairs.

Pulls down to 1/8" lead. Put in enough to make ¼"
Put 192 ft delay line in north lead.
Left about 430 pm

27th Sept, Arrive 540 pm. Chart did not pass out on floor properly so that about 15 inches piled up behind roller. This packed so tight that clock eventually stopped on 25th at 125 pm. Untangled chart and started again about 600 pm. Pulls down to 1/8 inch. Reduced vibrator voltage a bit.
Turned attenuator to 12DB from 9DB.

28 Sept 56 Arrive 1245 pm. Everything going. Clock 10 minutes slow by erroneous setting yesterday. Beam raising earlier in morning. Corrected clock. 1255p - 103p Listened for VIS. Tone showed at 27.8 on dial. Garbled announcement at end. 105p - 255p. Set attenuator at 6DB and made tests with various delay lines. Background very low this noon; practically like 8am level. 118p - 130p Occasional code during these tests. This has no effect however.
Put mix in well to increase from 1/16" to 5/16" deep.
Wound clock up 39 turns to tight.

Batteries as follows. B batts 144 volts
A batts Volts 1.94v, 1.94v, 1.94v
Gravity 1112 1115 1118 (very low)
Charged A Batteries now.
Volts 2.02v, 2.02v, 2.02v
Gravity 1275, 1275, 1265
Examined tractor battery. Electrolyte very low. Below top of plates in all cells. Added clear water from stream. Also put abt 2gal in radiator. Battery gravity about 1100. Took battery to town to charge. After charging A batteries the gain came up on receiver. 310p - 510p. Went down further delay lines tests with attenuator at 9DB.
412 became remarkably quiet for couple minutes.

Put 128 ft north lead. Set attenuator at 12DB.

Left about 540pm. Sparking noise still very bad. Getting up to saturation level. It had begun to sprinkle and rained quite hard about 600pm. Probably this sparking noise was a bad insulator getting wet. It must have failed

1st October 1956 Arrive 1130am. Everything going. Occasional atmospherics every 5 sec or so, very weak.

1155a - 1215p listened. Some code from 495 KC to 510 KC. Usual BC stns including N.Z at 571.5

Heard WIM at 500 KC very good. Last dot of six dots after G series is exactly noon. He then made announcement in a rather poor fist and began engaging in traffic with various ships. WIM at 28.8 on dial.
Clock was about minute fast. Corrected it.
1255p - 105p Listened
Heard WIS on 500 KC also very good, and 28.8 made announcement after last dash.

110p - Ran phasing tests Attenuator 12 DB
Rain clouds soon appeared in west and sparking noise began which seemed to come from south. Again conditions poor for this sort of thing.

Checked batteries as follows,
A Volts 1.98, 1.97, 1.97
Gravity 1208, 1202, 1208
B volts 24, 23½, 23½, 23, 23½, 23, = 141 total.
Changed #1 battery to #4 position.

145p tremendous crashing noise came on and increased in strength until far stronger than BC stn at 455. Put in 30 DB pad and set attenuator at 33 DB. Rain still went off scale so detuned antenna to bring 155p toward center of scale. This noise is not many made as fairly smooth hiss with random impulses in background. It is all over dial. Rain here yet. 155p

159p rain began and in few small drops; Strength of disturbance rapidly decreased. Rotated antenna and took out 30DB pad. Then noise began to increase again. Left antenna tuned but put 30DB pad back in at 205p at 208p hail storm started. Hail stones 1/4" to 3/8" diameter. By 223 hail all over but raining strongly now. By 240p rain much finer & from south; 310 still raining no more finally.

This noise is definitely the one heard at Port Darwin. It is associated with a cold front as temperature dropped 20° in half an hour. It was necessary to turn on Kooring heater at 210pm. Wind only about 15 to 20 mph from southwest.
During peak of disturbance between 235p & 300p it was necessary to detune antenna to bring pen back on scale. Thus another 20 or 30DB would be added to get measure of peak of disturbance.

During all period 150p - 338p the receiver operated with antenna tuned, attenuator at 33DB plus 30 DB pad except 155-159p when antenna was detuned and 159-205p when 30DB pad was out. The corrected curve is drawn in pencil above ink line 155-159 and below ink line 159-205p. By 315 the whole affair seems to be over. Still raining and creek now flowing fast full of muddy water. Apparently disturbance started in a feeble form about 125p while 6.4 ft was in north lead. It increased gradually to about 148 when it rose rapidly. Thus period of electrical noise started before rain or hail came, continued about hour and half, then disappeared.

the intensity was far beyond anything possible man made.

343p took out 30 DB pad and set attenuator at 18DB. Still quite a lot of precipitation static. Tried to make phase measurements but disturbance rapidly got worse again. So about 405p put 30DB pad back in and returned attenuator to 33DB.

By 430 very fine rain; now from northeast.

440p Put 64ft delay line in north lead. Set attenuator to 9DB, Dials 78+36. The present noise has a distinct 50 cycle sputter to it, so probably really is a sparking insulator which has been set off by past rain storm. It is over 60DB fainter than past storm

2nd. down to 1/16", filled up to 1/4".

Left about 5 pm. 1st Oct.

4th October Arrive 1202pm Everything going. Occasional atmospherics.

Checked Batteries: A cells. 1.95V, 1.95V, 1.96V
B cells. 140V Grounds 1130, 1130, 1128

2nd down to 3/32"; filled up to 1/4"

1253 - listened
VIS came there rather weaker today but steady
clock a minute fast, corrected it.
Beat oscillator getting weak as down to 7 divisions
on output current. Looked through all rods 1.35V

120 pm a sparking noise came on all over dial.

200 pm - 215 p Phasing tests. Still rather high background of sparking noise so results unreliable.

Took out 64 ft in north lead and returned to normal conditions. Set attenuator to 6DB at 238 pm

Blocked current regulator on tracker to close. This increases charging rate to max of 30 amps when running wide open.

Left about 250 pm.

5th October Arrive 215 pm Everything going.

215 - 430 p Make phasing measurements. Quite a lot of atmospherics today but no significant power line noise as heard for 18 hours. Occasional code for a part of a minute at times but it has no effect.

The voltmeter was accurately recalibrated to read exactly right at 2V & 150V against a 0.5% instrument. It was found to be 1% low at 150 volts and 1½% low at 2 volts.

Checked Batteries A cells 1.92v, 1.92v, 1.92v

Gravity

B cells 23½, 23, 22½, 24, 23½, 23½, = 140V total.

Gravity 1130 to 1150 on four cells each battery.

Changed all batteries; A cells 2.08V, 2.06V, 2.07V

Gravity 1250, 1250, 1250

B cells 24½ 24½ 24½

5th continued. Approx 6ft left on old roll paper
Changed chart paper to new roll.

Wound up clock 57 turns.

Filled ink from 3/16" to 3/8"

Put 128ft in north lead,
Ant 78, Rcvr 36.0, Attenuator 12DB.

Left about 530pm

8th October arrive 1235pm. Everything going.

Checked batteries A Alk. 2.02v, 2.02v, 2.03v
B Alk. 149v Gravity 1205, 1200, 1202

1255p - 110p listened
VIS quite weak today but got tune OK. Now at 28.0 on dial.
New Zealand also weak at 570KC at 55.0 on dial
Some code below 500KC.

110p - Male phasing (attenuator at 6DB) fair. Not particularly good as clouding up and atmospherics present. Rather high variable background today. Perhaps some mains noise is present. Some code about 250pm. 34.0 on dial

Ink down to 1/8", raised level to 1/4"
Relay batteries 12.9v open circuit, 11.7v closed circuit. (one bad cell)
about 255 intermittent sparking noises opened. Black clouds to west. When beam tilted for south sparking noises worst.
325 Overmodulation splatter from stn at 540 KC.
a woman singing

11 Oct. Arrive 235 pm Everything going. Showers about 1 & 2 pm when at Kemptone. Checked Batteries A Cells. 1.97v, 1.97v, 1.98v B Cells. 1.48v Gravity 1125, 1125, 1130

Charged A cells, now 2.06v, 2.06v, 2.07v. Gravity. 1275, 1275, 1275

Relay batteries 11.4v open, 9.9v closed, one bad cell shows reverse voltage closed. Charged all, now 13.3v open, 13.0v closed.

Increased vibrator voltage from 0.35 to 0.45v

Wound clock up 46 turns.

Ink down to 1/32", filled to 9/32 inch.

550 pm. Background noise high, Put 128 ft in north lead & attenuator at 12 DB. Back ground characteristic hiss mixed with occasional splutter or scratch but not of 50 ~ origin, Sounds like another storm coming on.

Left about 610 pm.

13th Oct. Arrive 1005 am, Everything going.

1155a - 1207p fitted for time. Could only get an occasional letter because of bad code interference the whole time. Both VIM and QRM very strong. Also faint and intermittent code at 35.2

1255 - 102p fitted for time. VIS very faint, Better on other sections similar than both together. Clock about 2 secs. fast. Corrected.

14th October Arrive 245pm. Everything going.
Gave demonstration to Visitors.
Filled ink from 3/16" to 1/4".
Set attenuator at 9DB. Antenna normal.
Took chart with me. Left 420pm.

17th October Arrive 1240pm. Everything going.
Exceptionally quiet. Few faint atmospherics.

1255p-103pm Listened for time from VIS. It came thru with moderate strength at 28.2 on dial.
Clock a minute fast. Corrected and slowed rate by 1/2 division on rate scale.
Checked batteries A cells. 1.98v, 1.99v, 1.98v
gravities 1160, 1160, 1163
B batteries 24, 18 1/2, 22 1/2, 23 1/2, 24, 24 = 137v total.
Gravity Low, Low, 1080, 1130, 1180, 1170
water, Water, 1120, 1140, 1150, 1180
The drop in B volts has caused zero to drift a bit.
Changed all Batteries, now.
A cells. 2.08v, 2.08v, 2.08v
Gravity 1252, 1263, 1255
B batteries 25v, 25v, 25v, 25v, 25v, 25v = 154 total.
Gravity 1230, 1250, 1250, 1245, 1265, 1250
1235 1240 1260 1255 1250 1255

Set attenuator 12DB, 128 ft in North lead.
Beginning to rain 245 pm. No additional atmospherics
Gradual rise beginning 253pm.
Wound clock 48 turns
Filled ink from 3/32" to 9/32".
By 330pm a marked frying sound in force. Getting cooler.
405pm. Listened carefully. No 50 cycle component. Just incoherent dribbling sound. At times it gains reserve for a second or less and makes a coarse scratch or squeal.

18 October continuous rain storm from south west.

20 Oct 1956 Arrive 1020 am. Everything going.
Very quiet day.
1030 am. Changed attenuator to 6DB from 12DB
checked batteries A Cells. 2.02v, 2.03v, 2.03v
Grants 1200, 1210, 1205
B batteries 24½, 24½, 24½, 24½, 24½, 24½, 149 total
clock 2 minutes slow. Corrected at 4 pm. Moved
rate adjuster faster about ½ division at 4 pm.
Sinks down to 1/16". Filled to ¼".
Took chart with me to town.
Changed delay from 128 ft to 64 ft in north lead.
attenuator at 6DB.
Left about 4.50 pm.

23rd Oct. Arrive 1145 am. Everything going
Very quiet today. Morning minimum last till
until nearly noon. Really low gain, see below.

1155 a- Listened for time from VIM. Came thru
OK but rather weaker than usual. Clock two
minutes slow. Corrected. Set up rate adjuster
½ point
Checked Batteries A cells. 1.96v, 1.96v, 1.97v
Grants 1150, 1155, 1155
B batteries. 24½, 24, 24, 24, 24, 24, 147v total.
Exchanged #1 & #4 B batteries.
Changed A Cells. Now 2.11v, 2.11v, 2.11v
Now Grants 1282, 1288, 1280
Set attenuator to 9DB at 1232 pm. Notice large
increase in gain. It seems that all is still very
sensitive to changes in filament voltage. Possibly
the old system of separate filament batteries and large

23rd October Continued.

1239p - 300 pm Phasing tests. Seems like a slip testing at times; holds pen down at times.

Aside from some precipitation static in morning it is a very quiet day. This distant precip. static makes base line too rough for decent phase tests.

1258 - 102 pm Listened for WIS time. Came thru OK at 28,0 on dial. Exact check with WIM.

Relay batteries 13.1 volts open, 12.8 volts closed. Ink down to 1/8 inch, filled to 9/32 inch. Wound clock 47 turns to tight

308pm, Beginning to rain. Pen went off scale.
309pm Changed attenuator from 9DB to 33DB.
310pm. Put attenuator back at 9DB.
This is typical precipitation static
313 1/2 again set attenuator to 33DB when pen went off scale.
315 put attenuator at 18DB which seems to be a compromise which will keep pen on scale. This occurrence has typical irregular rattling noise, also there is much coherence which produces squeaks, squeels and rough whistles from a few hundred cycles to several kilocycles both rising & falling. The coherence parts may last from a second or less to perhaps 5 seconds of time.
322 pm reset attenuator to 9DB. Note how much higher base line is than at 303 pm.
The squeal part of phenomena disappeared about 318 pm. Continued to hiss with coarse frying noise in background.
Continued attenuator at 9DB; Antennas normal.
Left about 345pm. Rain ended 335pm but

26 October. Drive 1130a, everything going
Set seems to be weak. Dingle Todays.

Checked Batteries A Cells. 2.06v, 2.07v, 2.07v
Gravities 1225, 1228, 1225
B batts 24v, 24v, 24v, 24½v, 24v, 24v, 195v total.

Ink down to 1/32", filled ± 5/16"

1157a 1205 p listened for time. VIM came in OK.
clock 5min fast. Corrected clock. Set rate back
very slightly. VIM at 28.1 on dial.

1258 - 103pm listened for VIS. Very weak. Can just
read OK with attenuator on ODB. Taking off either
north or south antenna helped bring up strength perhaps
6DB. VIS also at 28.1 on dial. No difference listening
north or south ant.

1210p - 145pm Phasing tests. Poor conditions
146p - 202pm Precipitation static. Mostly frying
noise but few screech + squeals from time to time.
The drizzle remains same. No visible change in
weather during this disturbance. The squeals
gradually develop out of the frying noise as
it gains coherence and then fade into frying noise
as coherence is lost. During squeal the pitch
may change up or down in region from 100 cps
up to a couple of KC. Typical squeal or screech
lasts 3 to 10 seconds.

Most of this noise is picked up on south antenna.
Taking off north antenna had no apparent effect.
Taking off south antenna reduced noise about 15 or 20DB.
Shorting south cable connector when off set had no
effect. Wind from south about 15 mph.

29th October Arrive 1115A. Clock stopped because chart paper roll too tight near end. Also set work because low batteries.

Checked batteries A Cells. 1.97v, 1.97v, 1.97v
Gravity 1162, 1165, 1170

B cells. 24 23½ 23 23½ 23 23½, 141 total
1160 1160 1140 1170 1120 1130
Gravity. 1170 1170 1140 1170 1120 1140

Changed all batteries, Now.
A Cells. 2.09 2.09 2.08
Gravity 1260, 1260, 1260
B cells. 25, 24½ 24½ 25 24½ 25, 151v Total.
1300 1260 1255 1260 1260 1270
Gravity. 1300 1260 1210 1250 1240 1260

Set still weak as proper sensitivity only achieved with attenuator on ODB. Changed mixer tube to a new 1N5GT. Now good sensitivity with attenuator at 9DB.

About 120p ran for few minutes on fast time constant.

Measured tension in down leads with 5-8mph north wind. North down lead 3.3 lbs, south down lead 10 lbs.

2nds down to 1/8", Filled to 5/16"
Wound up clock to tightest 40 turns.

2-4pm. Phasing tests with attenuator at 9DB

Set attenuator at 15DB. Cables in reversed position 4PM.
Left about 410pm.

1st November 1956. Arrive 1045 am. Everything going.

1052 Changed attenuator from 15 to 6DB
1052-1140a Made phasing tests. Some faint code at times but has no effect. Not a good day as trace too rough.

Checked batteries. A cells. 2.02v, 2.03v, 2.02v
Gravity 1210, 1215, 1218
B. cells. 25, 24, 24, 24, 24, 24½, 148½v total

1140a changed leads on south tuner box back to normal. Trace still quite rough.

1157a-1202p listened for time from VIM. Came thru strongly. Clock 2 min fast. corrected it and moved regulator back a tuple.

Rods down to 1/16". Filled to 9/32 inch.

1259-102p listened for time from VIS. Came thru strong. checked exactly with VIM.
Measured tension in north feeder 12½ lbs near Elm
Attenuator 6DB. Antennas normal.

Left 450pm.

4th November. Arrive 1230pm. Everything going. Raining with slight wind from north less than 5 mph. Rain or precipitation static in progress. Mostly an incoherent frying noise with a bubbling in background. Occasional atmosphere. Comes in about equally on both antennas with a bit more from north one.

Clucked Batteries A cells 1.97V, 1.97V, 1.97V
Gravity 1155, 1158, 1160
B. cells. 25, 24, 23½, 23½, 24, 24, 146V total.

Replaced A cells more 2.13V, 2.13V, 2.13V
Gravity 1290, 1295, 1290
Interchange #1 & #3 B batteries.
Filled sets from 1/32" to 5/16"
Clock 2 min. slow. Corrected at 1pm.
Took off old roll paper. Only feet left. Put on new roll.
Relay dry cells 13.0V open 12.8V closed.
Wound clock 48 turns to tight.

This storm a moderate one. Deflection of pen seems to be rather proportional to rainfall of rain. When rain stops pen goes down below half scale. On intense showers pen rises to near full scale. Thus it seems like main phenomena here is just charged drops falling on antenna wires. There is very little radiated energy associated with this storm and no squeals or screeches. Wind more from west than north.

Notice how pen goes properly to full scale after batteries are changed just prior to 2pm. With old batteries the cathode voltage on last stage a bit low causing loss of emission and poor saturation characteristic. There also

7th November 56 Arrived 1207. Everything ground
1207 Changed Attenuator from 9 DB to 6 DB (reset for below)
1222 Checked Set for Sensitivity. Adjusted Attenuator switch to 9 DB - 6 DB

Checked Batteries A cells 2.05 V. 2.06 V. 2.05 V.
S.G. 1225 1230 1225.
B cells 23 V. 23½ V. 24 V. 23½ V. 23 V. 23½ V. On load 14.7 V.

Checked Inh. ⅝" in depth. filled to 5/16"

Checked time with V.I.S. Clock 2½ mins Slow.
Signal from V.I.S. about strength 3.

Erection of Antenna Mast beats with ground crew -
South Sd 10 lbs
North Sd 10½ lbs

1335 Making some phasing tests not a very good day.

1500 Antennae Returned to normal. Attenuator 6-0B
1505 Aboard M/S and left. 9611.

10 Nov 1956 Arrived 1158am - Everything going.

Checked time with VIM. Clock 5 min slow, corrected clock, advanced regulator a trifle.

Checked Batteries

A cells.	1.98V	1.98V	1.98V	
Gravity	1165	1170	1165	
Number	1	2	3	
B batts	23V, 22½V, 24V,	22½V,	23V, 23V,	140V total.
	1145 1100 1205	1085	1095 1135	
Gravity	1100 1105 1205	1085	1135 1150	
Number	1 2 3	4	5 6	

Changed all batteries now.

A cells.	2.11V	2.11V	2.12V				
Gravity	1268	1270	1275				
Number	4	5	6				
B batts	24½	24½	24½	24½	24½	29½	150 total
	1240	1225	1235	1240	1225	1240	
Gravity	1240	1230	1240	1235	1215	1240	
Number	7	8	9	10	11	12	

205-220pm Short but violent rain squall from south. Most of noise picked up on south antenna, Some tail. With attenuator at 9DB pen went off scale. Setting attenuator at 33DB, still off scale, added 30DB pad. Pen now back on scale and dropping as apparently now past peak of disturbance. Took out 30DB pad. Then reset attenuator 9DB, Sunshine again 225pm. During most intense part of disturbance strong squealing and near gurgling noises could be heard. These changed in pitch rather slowly from a few hundred cycles to a couple of KC and may or may not return in periods of 5 to 10 seconds. They gradually appeared from and disappeared into the gurgling noise as coherence was gained & lost.

10 Nov. Continued. also from south.
305-320 pm. A similar storm. Various attenuator settings were used. At peak of disturbance the sun would go off scale with both 30 DB pad + 33 DB attenuator. The squealing could be heard last half of disturbance and even down to part when attenuator moved back to 9DB. Very little rain after first couple of minutes. Peak of disturbance and squealing present after rain had stopped completely. Still a few weak squeals after sun had come out.

Ink down to 1/8". Filled to 9/32".

Put 128 ft delay in south lead
Attenuator 9DB
Left about 410 pm

Inquired from Mrs Johnson about radio reception. She said it had been poor all afternoon with much frying noise at times. Further questioning established that one of the worst periods was about 2 pm. This agrees with first squall observed in valley.

Mr. G. Reber.

Dear Sir,

I arrived here a little late for 1200 H.R.S. Time Signal but recieved 1300 HRS. OK. but it was a little weak.
I carried out some playing test but decided it was best to let the set run on normal till you come up.
Apparently I didn't need accumulator voltages very well as there is a fair sized error.

The pole for your ~~A~~ Ant. has not yet been fallen but I hope that I can get it out for you within a week, depending upon the work position.

Yours faithfully
Geoff Webb.

4/11/56

Geoffrey:

Please check trim and correct position of nib on cam if necessary.

Check voltage and gravity of A. batteries
Check voltage of B batteries.

Move attenuator setting up from 9DB to 6DB.
Fill ink well up to about 5/16" dep at center of well.
Mark the worst hour on chart + date.

If the day is good and you is making a nice smooth base line, I would like to have you make some phase measurements if you have time. Today was intense rain with very high and variable base line so no phase measurements were possible.

I'll be back Saturday and contact you next week.

G. Rider.