

ACTIVATING
SAINT MARTIN
AS TO2EME
&
SINT MAARTEN
AS PJ7/PE1L

TWO DXCCs

FOR THE PRICE

OF ONE

WHERE IS IT LOCATED?





TRAVEL ITINERARY

HOUSTON-IAH

MIAMI-MIA

SINT MAARTEN-SXM

SXM = PRINCESS JULIANA INTERNATIONAL AIRPORT

THIS AIRPORT IS WORLD RENOWNED FOR SOME

VERY HAIRY LANDINGS-NOTE THE HEIGHT
ABOVE GROUND AND THE SPECTATORS



MAYBE THIS ONE HAD
TROUBLE WITH
THAT LANDING.



JUST OUTSIDE
THE AIRPORT
IS THIS
BEAUTIFUL
MONUMENT
AND
STATUE



THE PLAYERS, JOHAN, JURGEN, ME, AND RENE'



I DECIDED THAT IT
COULD NOT HURT TO
HAVE SOME OF THIS
ALONG.

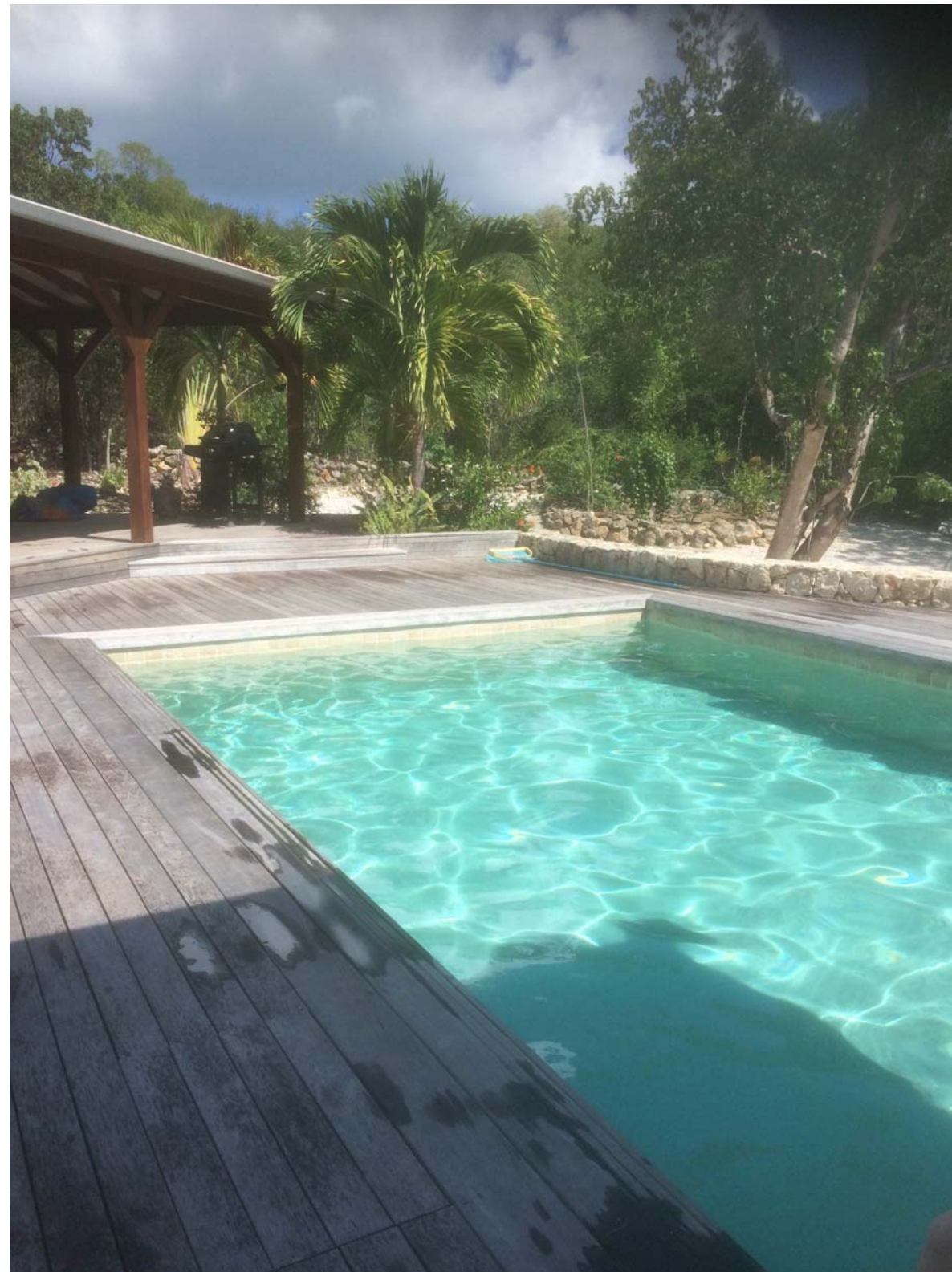
WE FOUND THIS IN A
GROCERY ON THE
DUTCH SIDE.

SELECTION WAS
LIMITED, BUT THEY
HAD AT LEAST ONE
OF MOST THINGS
THAT YOU MIGHT
NEED. PRICES WERE
VERY HIGH,
HOWEVER



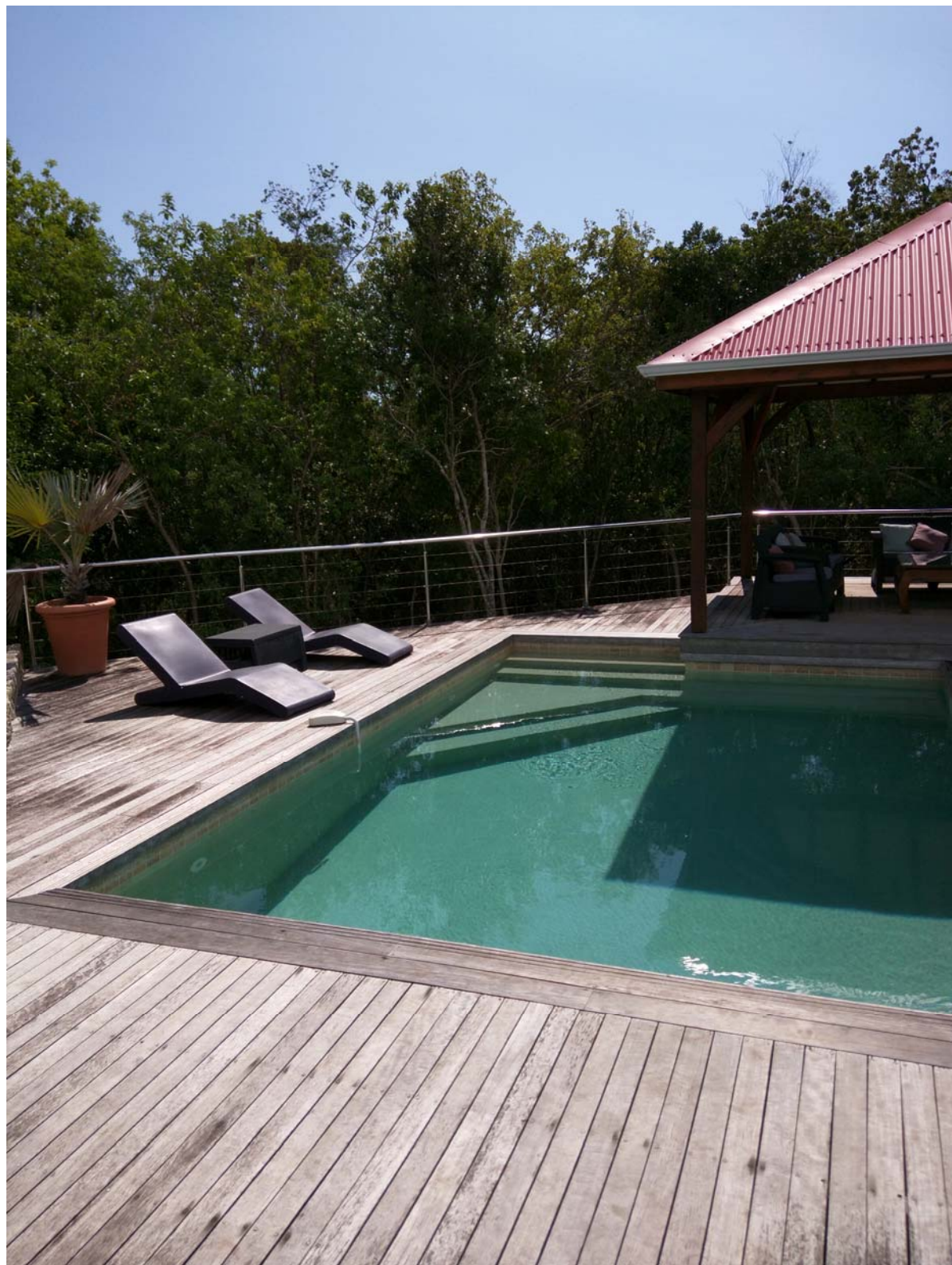
**A FIRST LOOK
AT OUR VILLA**

**IT WAS TOUGH
WORK, BUT
SOMEBODY
HAD TO DO IT**



LEFT SIDE OF THE
POOL. WE MOVED THE
POTTED PLANT AND
THE LOUNGE CHAIRS.

NOTE THE RED METAL
ROOF OF THE GAZEBO.
THAT GOT US
INTO TROUBLE LATER.



RIGHT SIDE OF THE
POOL. WE MOVED ALL
THE “EXTRA” STUFF
TO THE RIGHT NEAR
THE LOUNGE CHAIRS.

HERE IS A CLEAR SHOT
OF THE GAZEBO AND
THE POOL.



BUILDING UP THE 2M ANTENNA. AFTER THE ANTENNAS ARE AFIXED, THE TRIPOD EXTENDS TO GET THE ANTENNAS TO A WORKING HEIGHT.

LATER WE HAD TO MOVE THE ANTENNA TO ABOUT WHERE JURGEN IS STANDING

RENE' IS A PERFECTIONIST. ALL THE PARTS HAD TO BE PERFECTLY IN LINE



THE 2M ANTENNA IS
READY TO GO.

NOTE THAT THE
MAST WILL BE PUSHED
UP LATER SO THAT THE
ANTENNAS WILL CLEAR
THE FENCE AND THE
DECK.

NOTE ALSO THAT THE
ANTENNAS ARE
MOUNTED IN THE X
CONFIGURATION
RATHER THAN AS
H AND V POLARITY



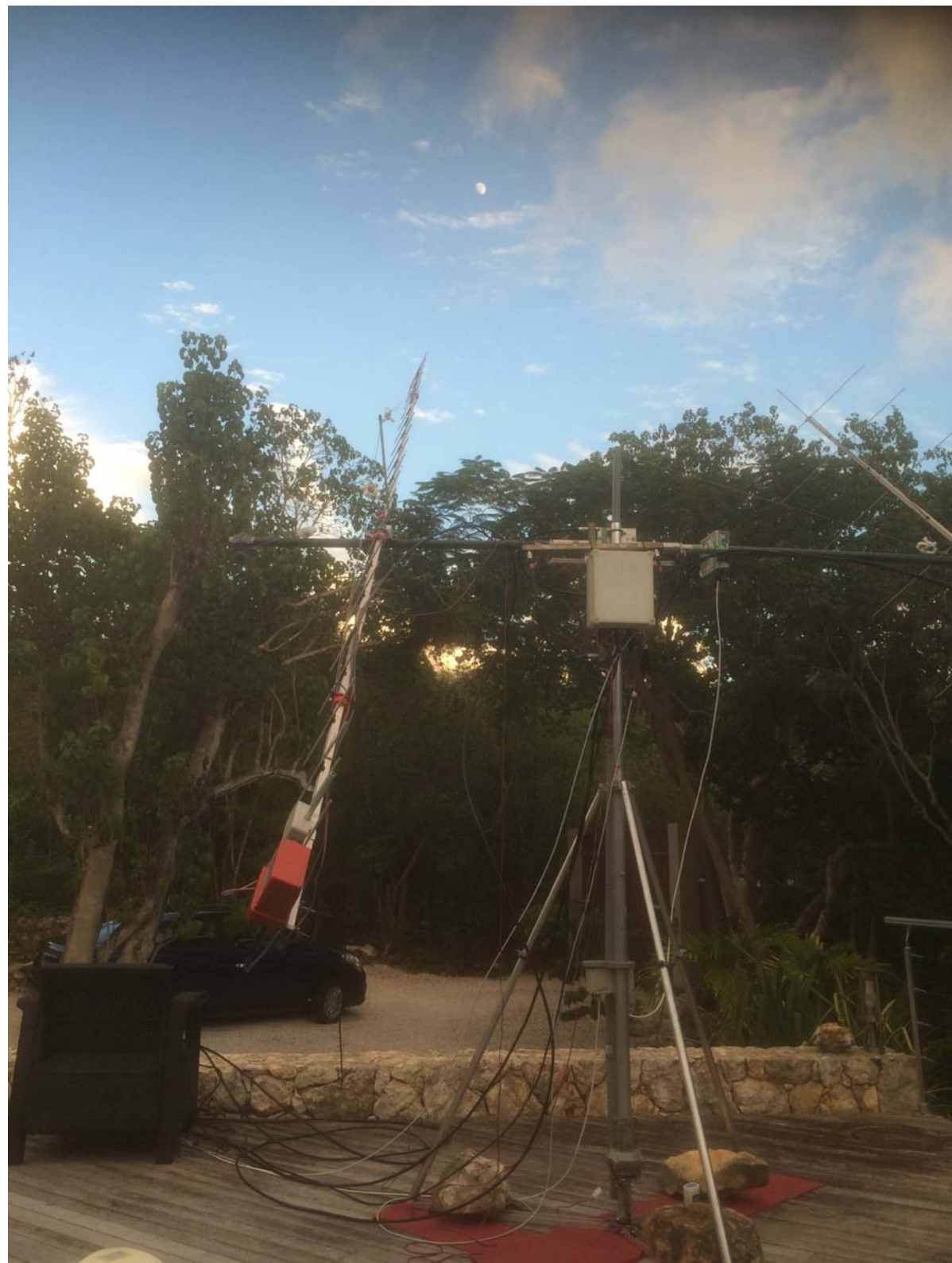
HERE IS THE 2M
ANTENNA WITH
A SINGLE YAGI
FOR 432. WE
REMOVED THE
432 ANTENNA
AFTER OUR 1
DAY ON 432.
NOTE THE
ROTOR AT THE
BOTTOM AND
THE ROCKS.



HERE IS ANOTHER
PICTURE WITH THE
432 ANTENNA
MOUNTED.

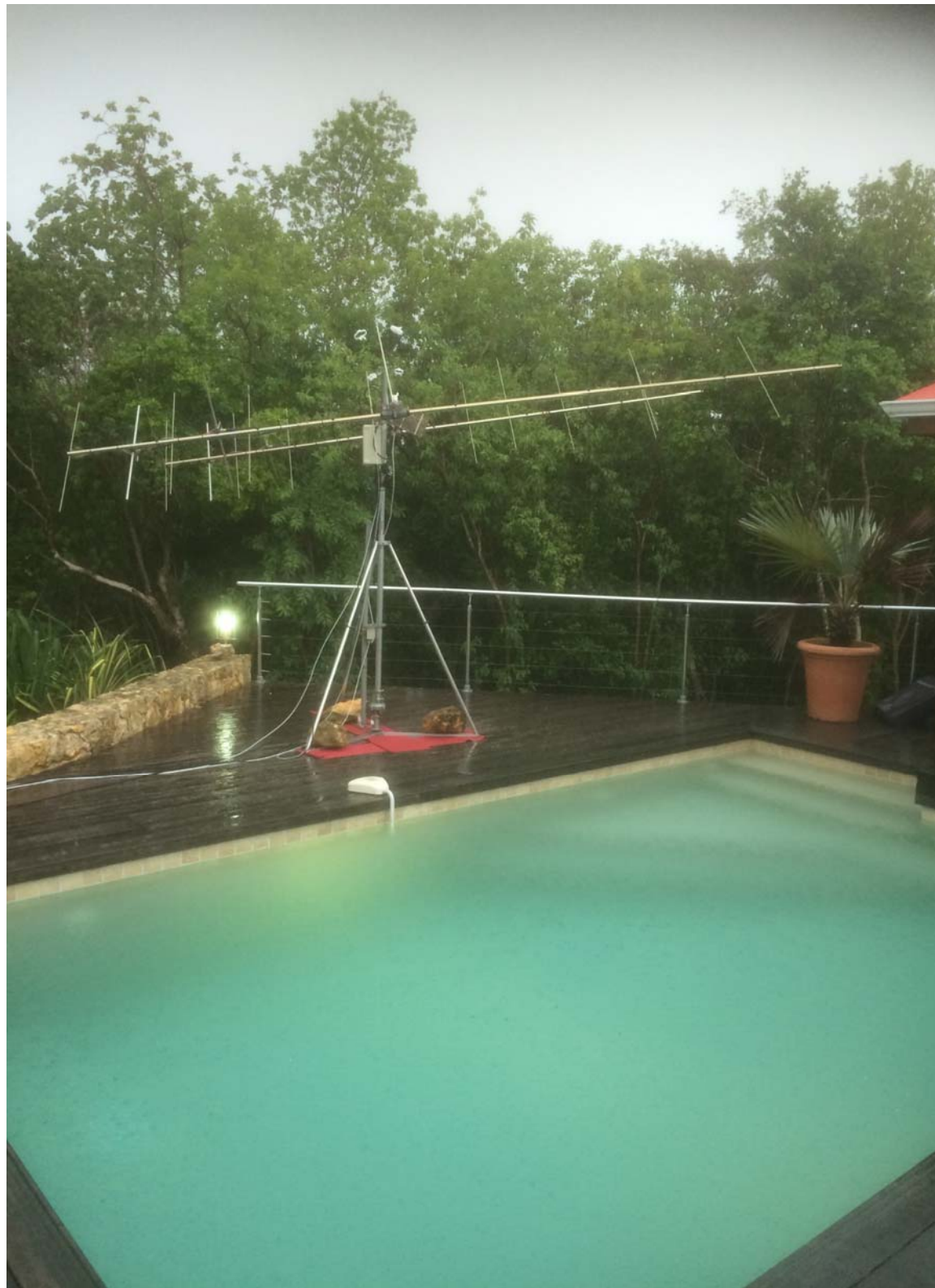
NOTE THE STRANGE
TILT OF THE ANTENNA.
THE BOOM OF THE
ANTENNA IS MOUNTED
IN A SLEEVE THAT
ALLOWS IT TO BE
TWISTED TO ANY
POLARITY.

WE WOULD OPERATE
AS H-POL FOR A WHILE
AND THEN CHANGE TO
V-POL FOR NEW ONES.

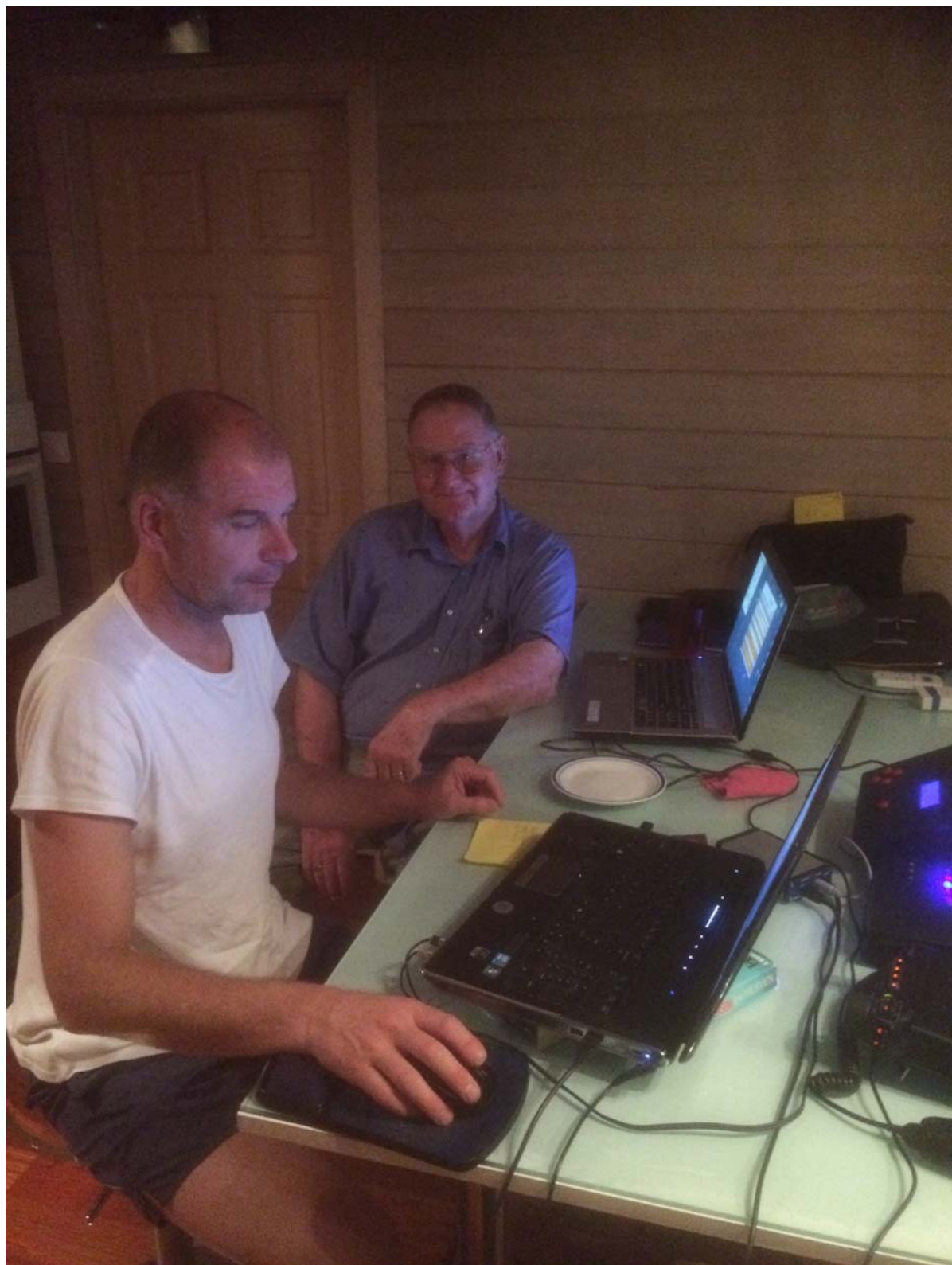


THE 2M ANTENNA IN
THE RAIN. WE GOT
LOTS OF RAIN MOSTLY
AT NIGHT.

NOTE THE RED METAL
ROOF AT THE FAR
RIGHT. WE HAD TO
MOVE THE ANTENNAS
TO THE LEFT TO CLEAR
THAT ROOF AFTER A
COUPLE OF DAYS OF
OPERATING.



THE 2M OPERATING POSITION. THE RIG WAS AN FT-857. THE COMPUTER IN FRONT OF JOHAN WAS USED FOR THE WSJT AND THE COMPUTER IN FRONT OF ME WAS USED FOR LOGGING AND MESSAGING. ALL THE INTERFACES WERE UNIQUE TO PE1L. I HAVE NEVER SEEN ANY OF THEM BEFORE. HOWEVER, THEY ALL WORKED VERY WELL.



OGOKW	144	JT65B
OHGLW	144	JT65B
OH3AWW	144	JT65B
SPMPB	144	JT65B
KKCT	144	JT65B
IKQV	144	JT65B
SS1ZD	144	JT65B
US7GZ	144	JT65B
DM7FM	144	JT65B

FileD	Sync	dB	DT	DF	W		
033500	0	-26	1.4	-121	8	*	TO2EME PA0PVW JO22
033500	0	-26	1.3	97	3	*	TO2EME K6EME CM97
033500	0	-30	6.6	215	25	#	
033500	0	-26	1.4	-121	8	*	TO2EME PA0PVW JO22
033700	1	-24	1.3	-121	4	*	TO2EME PA0PVW JO22
033900	10	-24		-123	3	RO	

033900 2 86/102

Log QSO Stop Monitor Save Decode Erase Clear Avg Include Exclude TxStop

To radio: PA0PVW Lookup
Grid: JO22va Add
Az: 40 7005 km

2015 Oct 26
03:40:52

SpecJT by K1JT

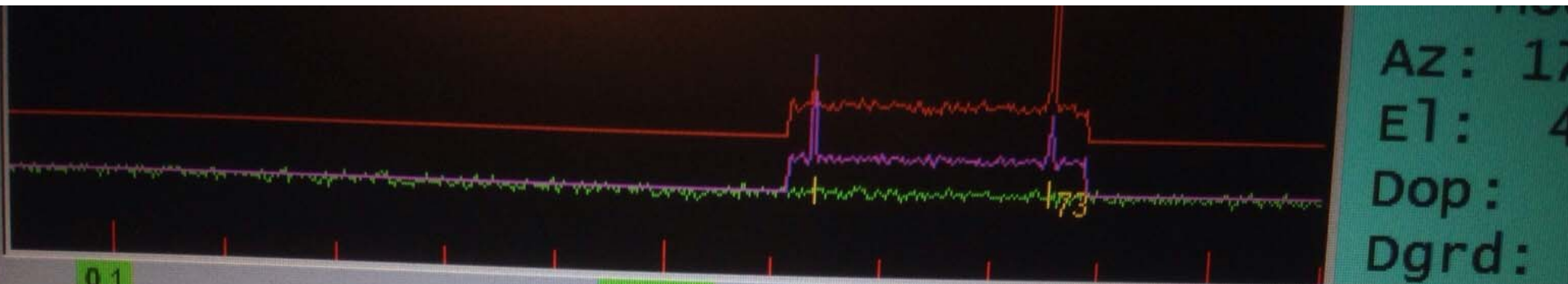
Sync -2 Zap Tx First
Clip 0 NB Rpt
Tol 25 Freeze Sh Wdg
Defaults AFC Sked
Dsec 0.0 Shift 0.0 GenStdMsgs Auto R QSO

Include	Exclude	TxStop
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PA0PVW TO2EME FK88		Tx1
PA0PVW TO2EME FK88.000		Tx2
RO		Tx3
RRR		Tx4
75		Tx5
CQ TO2EME FK88		Tx6



DX
Se
-
Moo
Sou
-
Frec
MNR:
DPO7

A SCREEN FROM THE OTHER SIDE-PA2CHR ON 2M



Az: 17
 El: 4
 Dop:
 Dgrd:

0.1 Time (s) TO2EME_151026_222400

FileID	Sync	dB	DT	DF	W	
221600	10	-23		-7	3	RRR
221800	10	-24		-1	3	73
221900	0	-19	7.0	-234	4	#
222000	7	-16	2.4	143	3	* PA2CHR TO2EME FK88 1 10
222200	10	-21		138	3	RO
222400	10	-21		136	3	73

222400 1 1/3 PA2CHR TO2EME FK88 1 0

Log QSO
 Stop
 Monitor
 Save
 Decode
 Erase
 Clear Avg
 Include
 Exclude

To radio: TO2EME
 Grid: JN68mm
 Az: 127 621 km

Tx First TO2EME PA2CHR JO32
 26 Rpt TO2EME PA2CHR JO32 000
 Sh Msg tnx GL 73
 Sked RRR
 GenStdMsgs 73

Sync -30 Zap
 Clip -1 NB
 Tol 25 Freeze
 AFC
 Dsec 0.0 Shift 0.0

2015 Oct 26
22:25:06

BUILDING UP THE DISH

NOTE THE ROTATOR AT THE BOTTOM AND THE JACKSCREW JUST ABOVE THE RECLINER. THE RIBS ARE AFIXED TO THE HUB, READY FOR THE FABRIC COVER.

NO BALLAST ROCKS YET, BUT THEY ARE NECESSARY BECAUSE OF THE WIND. ONE NIGHT, THE DISH BLEW OVER DAMAGING TWO OF THE RIBS.



THE RIBS--TWO OF THEM GOT BENT IN A WINDSTORM
DISH BUILT BY PA7JB



THE MICROWAVE DISH

MADE FROM AL RIBS
AND REFLECTIVE
COATED FABRIC SEWN
TOGETHER BY
JURGEN'S YL-KITTY.

THERE WERE TWO
DIFFERENT FEEDS,
ONE FOR 1296 AND
ONE FOR 2304. THIS
ONE IS THE 2304 FEED.

FEEDLINE IS
ECONOFLEX 15 SIMILAR
TO LMR-600 BUT ALL
COPPER



HERE IS THE DISH
WITH THE 1296 FEED IN
PLACE.

NOTE HOW MUCH
LARGER IT IS THAN
THE 2304 FEED.

WE ALSO HAVE THE
BALLAST ROCKS IN
PLACE NOW. THEY
WERE NOT QUITE
ENOUGH.



THE MICROWAVE OPERATING POSITION HB 1296 AMP BY PE1RKI ON THE LEFT



JOHAN RUNNING THE
MICROWAVE STATION
AT NIGHT.

YOU CAN SEE THE
KUHNE TRANSVERTER
TO THE LEFT
AND THE ROTOR
CONTROLLER
DOWN ON THE FLOOR.

YOU CAN ALSO SEE
THE YAESU FT-857 RIG
JUST BELOW THE
GLOWING LAPTOP
SCREEN.



MOVING ON TO

SINT MAARTEN

AND THE PENTHOUSE
SUITE

WE WERE RENTING
THE TOP FLOOR OF
THIS BUILDING.

THE ANTENNAS WENT
ON THE ROOF.

THE 2M GEAR WAS ON
THE 6TH FLOOR
AND THE MICROWAVE
GEAR WAS LOCATED
IN THE ACCESS HALL
TO THE ROOF. THIS
MADE THE OPERATING
UNCOMFORTABLE
FOR JURGEN AND
JOHAN



THE VIEW FROM THE ROOF-MORE TOUGH DUTY



THE ROOFTOP OF
THE APARTMENT
BUILDING.

ANOTHER POOL!!

THE 2M ANTENNA
IS INSTALLED BUT
NOT ELEVATED TO
WORKING HEIGHT.

THE DISH IS TO THE
LEFT OF THIS PICTURE
WHERE THE STAIRS
COME UP TO THE
ROOF.



**THE DISH ON THE
ROOF WITH THE 2304
FEED IN PLACE.**

**THE DOOR GOES TO
THE STARIWELL.
JURGEN AND JOHAN
HAD TO OPERATE THE
MICROWAVE STATION
FROM THERE.**

**THE RESULTS WERE
AMAZING FOR ONLY A
1.8 METER DISH.**



SITTING ON THE FLOOR IN THE STAIRWELL



W5JT9 UCX YO3DDZ Spectran

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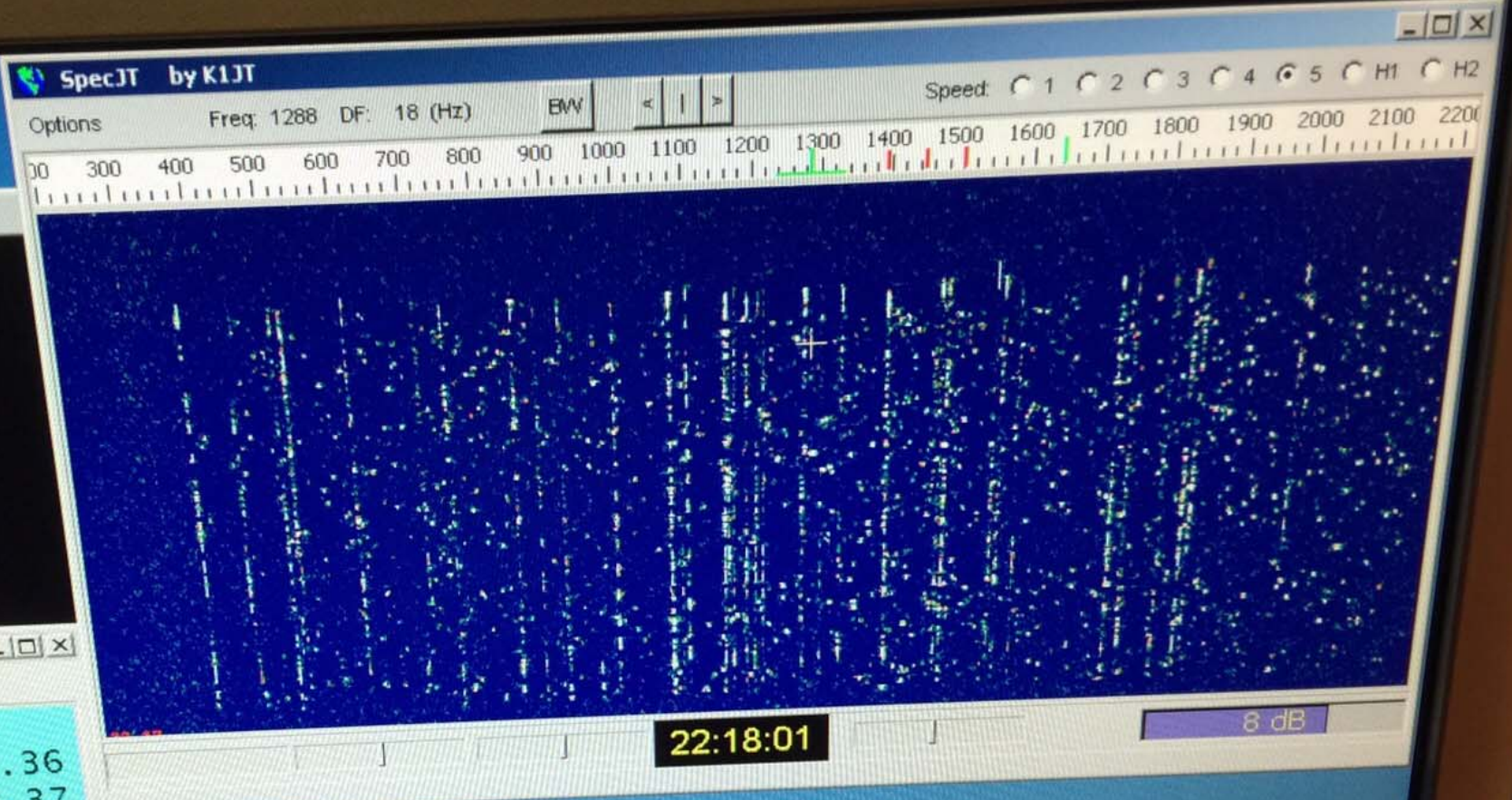
*****
7 May 2013>
-----
Mapper - Input
00011
Mapper - Output
00011
t = 0
t = 2
t = 2
*****
  
```



Moon
 Az: 215.36
 El: 42.37
 Dop: -115
 Dgrd: -1.7

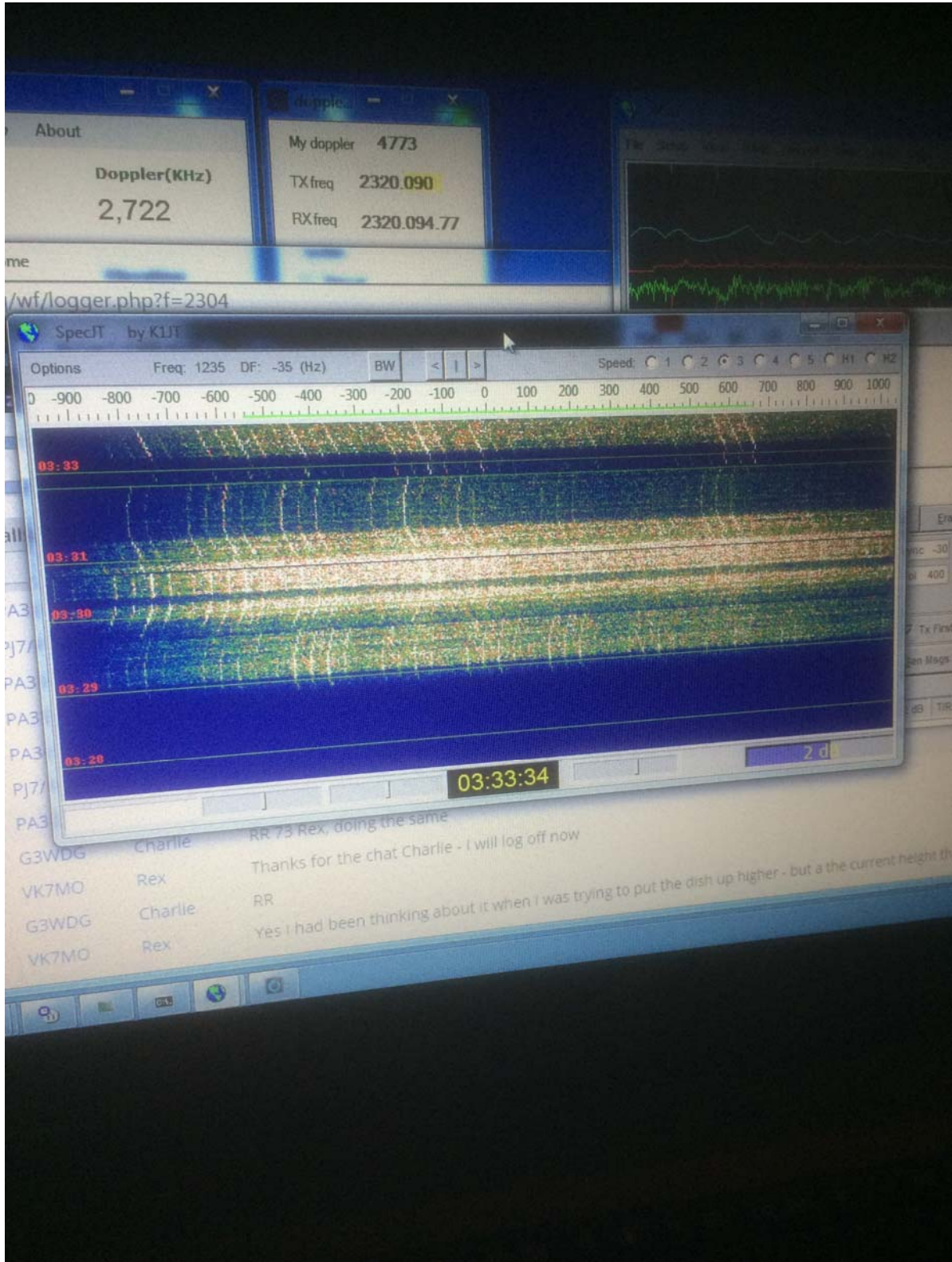
151025_221700

0	8
1	1



THIS SHOWS SOME OF THE WIFI CRAP THAT JURGEN AND JOHAN HAD TO CONTEND WITH ON 2304.

IT WAS PRETTY AWFUL BUT THEY MADE CONTACTS THROUGH ALL THAT JUNK.



1296 SCREEN SHOT-PI9CAM, DF3RU, YO3DDZ

055500	1	-32		298	3	73						
055700	0	-23	0.6	498	10	*	PJ7/PE1L DF3RU		1	10		
055900	3	-29		515	4	RO						
060100	2	-22	2.5	229	12	*	PJ7/PE1L YO3DDZ		1	10		
060300	4	-20	2.3	229	11	*	PJ7/PE1L YO3DDZ		1	10		
060500	0	-21	10.5	234	7	#						
060500	1	6/14					PJ7/PE1L PI9CAM		1	3		
060500	2	23/53					PJ7/PE1L OK1DFC		1	10		

Log QSO Stop **Monitor** Decode Erase Clear Avg Include Exclude Tx Stop

To radio: YO3DDZ Lookup Sync -30 Zap

Grid: KN34mm Add Tol 50 AFC

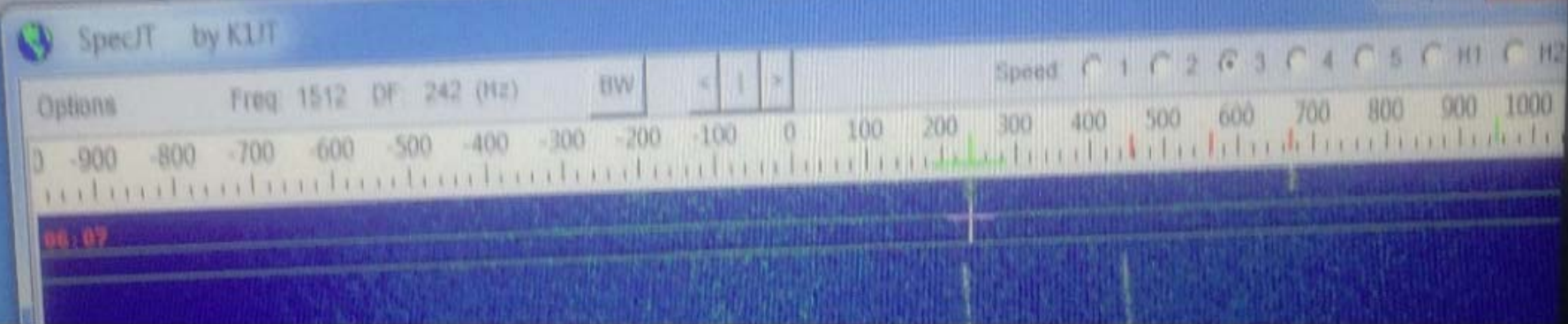
Az: 47 5367 mi Freeze

2015 Nov 01
06:07:16 Dsec 0.0 Tx First

Gen Msgs **Auto is ON**

YO3DDZ PJ7/PE1L	<input type="radio"/>	Tx1
YO3DDZ PJ7/PE1L 000	<input type="radio"/>	Tx2
RO	<input type="radio"/>	Tx3
RRR	<input checked="" type="radio"/>	Tx4
73	<input type="radio"/>	Tx5
CQ PJ7/PE1L	<input type="radio"/>	Tx6

1.0000 0.9999 **JT65C** Freeze DF: 242 Rx noise: -1 dB T/R Period: 60 s **Receiving**



1296 SCREEN SHOT FROM SOUTH AFRICA

FileID	Sync	dB	DT	DF	W	DF (Hz)	PE1L_151029_014200		
013400	0	-26	1.6	-180	6 #				
013600	8	-26		-12	4	RRR ?			
013600	7	-27		-12	3	RRR			
013800	2	-22	2.3	-32	7 #	UA4HTS PJ7/PE1L	000	1	0
014000	8	-26		-55	5	RRR			
014200	2	-23	1.6	-78	6 #	ZS6JON PJ7/PE1L	000	1	10
014200	1	3/6				ZS6JON PJ7/PE1L		0	10

To radio: PJ7/PE1L
 Grid: FK88mm
 Az: 286 10972 km

2015 Oct 29
 01:44:28

Sync -3 Zap
 Tol 50 AFC
 Freeze
 Tx First

PJ7/PE1L ZS6JON
 PJ7/PE1L ZS6JON 000
 RO
 RRR
 73
 CQ ZS6JON KG33

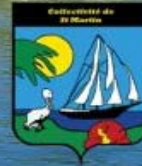
AND THE RESULTS WERE

	TO2EME	PJ7/PE1L	GND TOT
TOTAL QSOs ALL BANDS	464	314	778
TOTAL QSOS ON 2M	346	215	561
TOTAL QSOs ON 432	25	27	52
TOTAL QSOs ON 1296	73	58	131
TOTAL QSOs ON 2304	20	14	34

THIS IS THE NUMBER 1 EME DXPEDITION OF ALL TIME.

TO2EME WAS VOTED THE TOP EME EXPEDITION OF 2015. BY COMPARISON, ARILSS AND I MADE 329 QSOs FROM THE FALKLANDS IN TEN DAYS

Moonbounce from Saint-Martin
TO2EME



THE BEAUTIFUL QSL CARDS-I HOPE YOU GOT ONE

Moonbounce from Sint Maarten
PJ7/PE1L



QUESTIONS?

THANKS es 73 de

RENE'-PE1L

JOHAN-PA3FPQ

JURGEN-PE1LWT

MARSHALL-K5QE