



# ***ST. MARTIN 2018***

*Dxpedition K9EL Style*

*(This was not Peter I)*

# SECOND ATTEMPT AT OPERATING ON ST MARTIN

- *FS/K9EL John Sweeney*
  - *FS/W9ILY John Holmes*
    - *FS/K9NU Paul DeFelice*
      - *FS/W9MK Mike Kelly*
        - *Pilot Station K9NB Nick Berg*

# ***THE TEAM: W9ILY, K9NU, W9MK, K9EL***



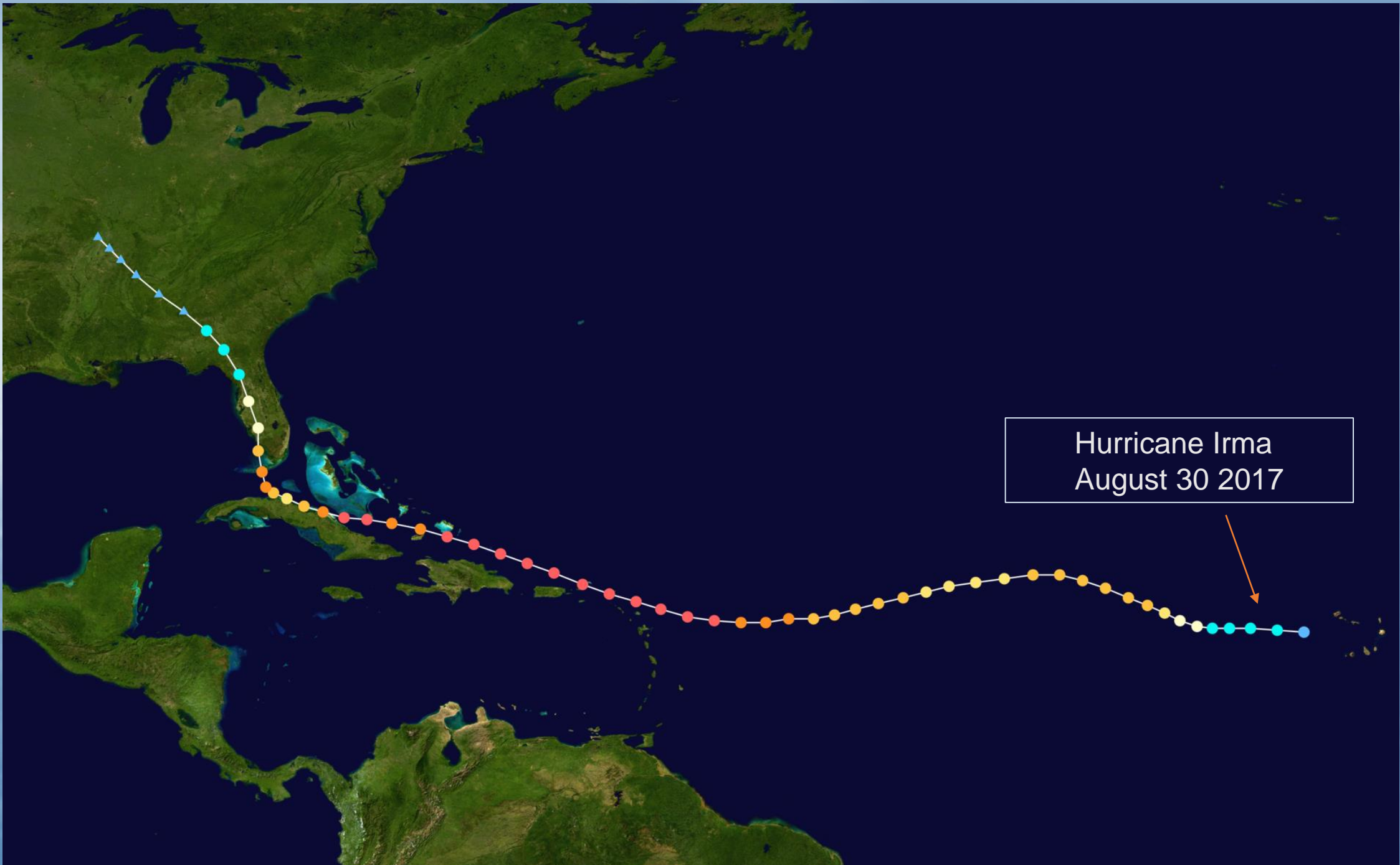


# THE K9EL STYLE



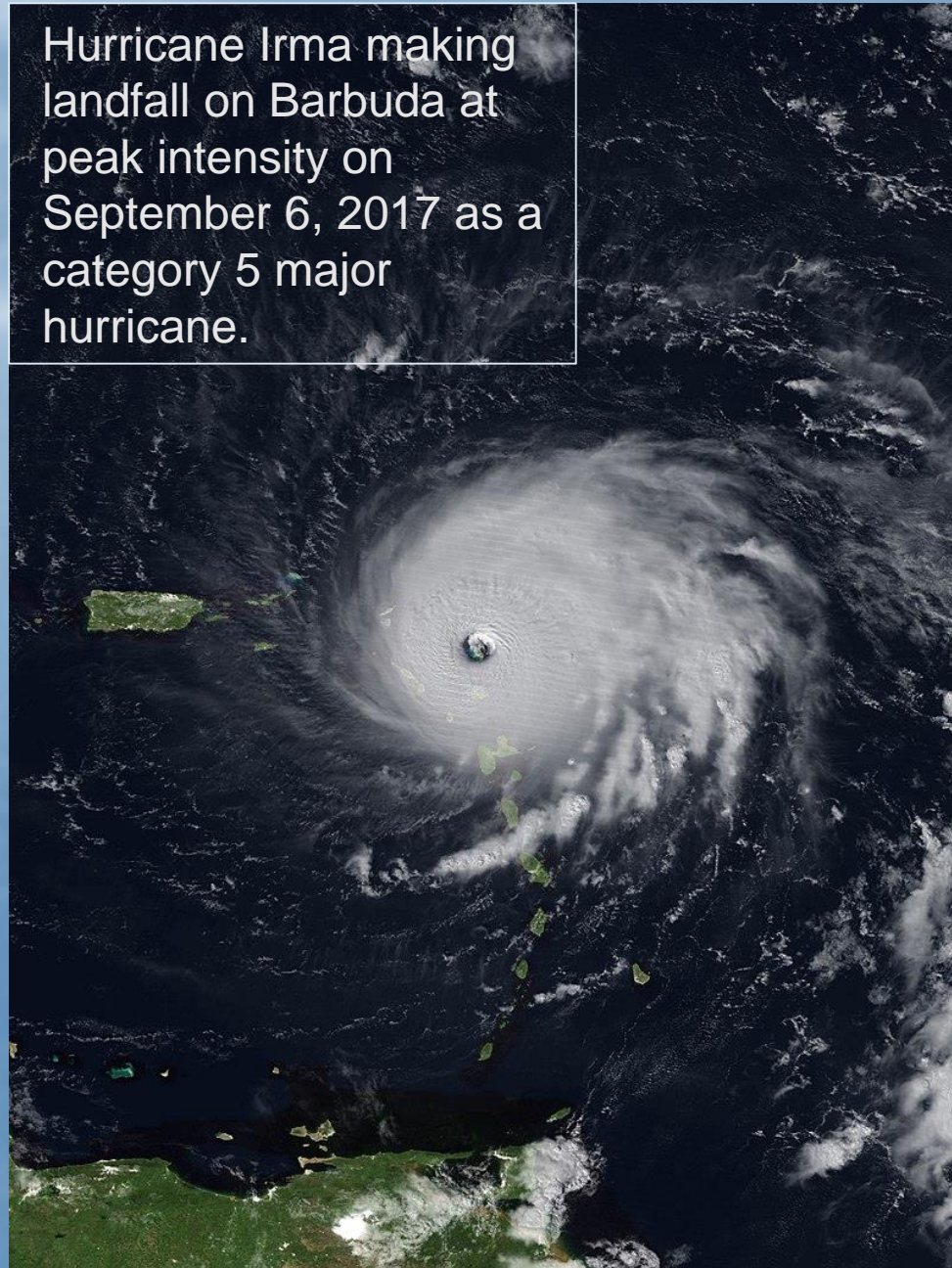
# ***TINTAMARRE TO THE LEFT AND ST. BARTS TO THE RIGHT***





Hurricane Irma  
August 30 2017

Hurricane Irma making landfall on Barbuda at peak intensity on September 6, 2017 as a category 5 major hurricane.





# HURRICANE IRMA 2017



Luxury homes and hotels were destroyed, roads submerged in water and sturdy palm trees ripped out of the ground on the Dutch Caribbean island of Sint Maarten



# HURRICANE IRMA 2017



# HURRICANE IRMA 2017





# Monte Verde after Irma 2017



# THE EQUIPMENT PLAN

- *The Antenna Plan*
- Focus on lower bands
- 160 Inverted-L
  - W/40 + Radials at 35 feet
- 80 inverted Vee 35 feet
- 40 Meter Vertical w/30+ Radials
- 20/30 Meter Dipole @ 20 Feet
- 17/20 Dipole @ 20 feet
- 10/16 Rotatable Dipole @ 20 feet
- *The Radio Plan*
- 3 K3 Radios
- 2 SPE 1.3 Amplifiers
- 1 KPA 500 Amplifier
- Micro-Keyer interfaces CW/FT8/RTTY
- 3 Flex Folding Notebooks with Bluetooth keyboards.
- Bencher Paddles
- W9ILY Notebook for Clublog uploads and backup.

# ACTIONS

W9ILY to do inventory of the box of wire and coax

W9ILY to build AC adaptor for the W9ILY Expert amp plug to male USA 110 type plug

K9EL to build AC adaptor for the K9EL Expert amp plug to male USA 110 type plug

W9MK to provide footswitch for Station 2 - check with K9NU for type of plug on cable

K9NU to get WB9Z 80m filter

Investigate shipping of high power filters - K9EL

K9EL to get report on status of golf bag in Saint Martin

## TEAM SAINT MARTIN ACTION SUMMARY - EQUIPMENT

	ITEM	Provider	NOTES
<b>Station 1</b>	K3 #1 transceiver	W9ILY	Borrowed from N9TK - connected to W9ILY or W9MK laptop
	220 VAC power supply	W9ILY	Borrowed from N9TK
	DC power cable for K3	W9ILY	Borrowed from N9TK
	AC Adaptor to USA style 110 plug	W9ILY	for amplifier
	Male-Male UHF connector adaptor	W9ILY	
	5' coax - PL259/PL259-Filter to Amp	W9ILY	
	Bencher paddle with stereo 1/8" plug	W9ILY	
	Headset with mic	W9ILY	Borrowed from N9TK
	Expert 1.3k Amp	W9ILY	
	K1EL Keyer	W9ILY	optional
	PTT switch - Foot switch & cable	W9ILY	
	Microham DK2	W9ILY	Borrowed from N9TK
	12v adaptor for Microham	W9ILY	
Cable from rig to amp for keying	W9ILY		

<b>Station 2</b>	K3 #2 Transceiver	K9NU	Paul's second K3 - connected to K9EL laptop
	220 VAC power supply	K9NU	
	DC power cable for K3	K9NU	
	AC Adaptor to USA style 110 plug	K9EL	For amplifier
	Male-Male UHF connector		
	adaptor	K9NU	
	5' coax - PL259/PL259-Filter to		
	Amp	K9NU	
	Bencher paddle with stereo 1/8"		
	plug	K9EL	
	Headset with mic	K9NU	
	Expert 1.3k Amp	K9EL	
	K1EL Keyer	K9EL	
	USB hub (powered from laptop)	K9EL	
	PTT switch - Foot switch & cable	W9MK	
	Cable for amplifier keying	K9EL	
Microham MKII	K9NU		
Microham AC adaptor	K9NU		



<b>Station 3</b>	K3 #2 Transceiver	K9NU	Paul's main K3 connected to K9NU laptop
	220 VAC power supply	K9NU	
	DC power cable for K3	K9NU	
	AC Adaptor to USA style 110 plug	K9NU	
	Male-Male UHF connector adaptor	K9NU	
	Coax - PL259/PL259 - filter to amp	K9NU	
	Coax - PL259/PL259 - amp to tuner	K9NU	
	Bencher paddle - to microham	K9NU	
	Headset with mic	K9NU	
	DB15 mini VGA cable (K3 to amp)	K9NU	
	KPA500 amplifier	K9NU	
	220 V line cord for amplifier	K9NU	
	KAT500 Tuner	K9NU	
	DB15 amp to tuner	K9NU	
	short coax jumper (amp to tuner)	K9NU	
	wall wart for tuner	K9NU	
	MicroHam DKII interface	K9NU	
	DB15 cable - rig to tuner	K9NU	
	DB15 mini "Y"	K9NU	
	12 V wall wart	K9NU	
	Type A/B USB cable - Microham to PC	K9NU	
	PTT switch - Foot switch & cable	K9NU	
	1/8" stereo to 8 pin foster adapter	K9NU	
	1/8" stereo to 1/4" phono (CW key)	K9NU	

## TEAM SAINT MARTIN ACTION SUMMARY - ANTENNAS

	ITEM	Provider	Carrier	STATUS	NOTES
160M	40 ft fiberglass mast	EL	In FS		In FS - condition unknown
	White tape for sections	EL	EL		
	Guy rope	NU	ILY		
	Stakes for guys (4)	ILY	ILY		4 extra for golf bag
	Pulley	NU	ILY		In golf bag??
	Antenna wire	ILY	ILY		In golf bag
	Insulators (min 2)	ILY	ILY		In golf bag
	Radials	ILY	ILY		In golf bag
	100' RG8X	ILY	ILY		In golf bag
	SAL-20 RX antenna w/o mast	ILY	ILY		In golf bag
	SAL-20 Mast and stakes	ILY	ILY		In golf bag
	300 feet RG6 coax	N9TK	ILY		In golf bag
	SAL control box and power supply	W9ILY			
Re-build 160 Antenna wire and radial connection post.	NU	ILY		In golf bag??	

80M	40 ft fiberglass mast	EL	In FS	In FS - condition unknown
	White tape for sections	EL	EL	
	Guy rope	NU	ILY	In golf bag??
	Straps for guy ropes	NU	ILY	In golf bag??
	Pulley	NU	ILY	In golf bag??
	Insulators (min 3)	ILY	ILY	only 2 in golf bag
	Antenna wire	ILY	ILY	Golf bag
	200' RG8X	ILY	ILY	Golf bag
40/30 Vertical	40 ft fiberglass mast	EL	ILY	In golf bag??
	White tape for sections	EL	EL	
	Guy rope	EL	In FS	In FS - condition unknown
	Stakes for guys	EL	In FS	In FS - condition unknown
	Radial wires	EL	In FS	In FS - condition unknown
	Antenna wire	EL	In FS	In FS - condition unknown
	75' RG8X	EL	In FS	In FS - condition unknown
	Clamp on RF Choke	EL	In FS	In FS - condition unknown
Base mount	EL	In FS	In FS - condition unknown	

20/30	Three 20 foot masts	EL	In FS	In FS - condition unknown
Dipole	Antenna wire	EL	In FS	In FS - condition unknown
	Insulators	EL	In FS	In FS - condition unknown
	Clamp on RF Choke	EL	In FS	In FS - condition unknown
	50' RG8X	EL	In FS	In FS - condition unknown
17 Dipole	20 ft mast	EL	In FS	In FS - condition unknown
	loaded dipole	EL	In FS	In FS - condition unknown
	Clamp on RF Choke	EL	In FS	In FS - condition unknown
	100' RG8X	EL	In FS	In FS - condition unknown
10,12,15 one at a time	18 ft mast	EL	In FS	In FS - condition unknown
	YP3 Yagi	EL	In FS	In FS - condition unknown
	Clamp on RF Choke	EL	In FS	In FS - condition unknown
	75 ft RG8X	EL	In FS	In FS - condition unknown

MISC	Tools	EL	In FS	In FS - condition unknown
	Soldering iron	EL	In FS	In FS - condition unknown
	Solder	EL	In FS	In FS - condition unknown
	UHF adaptors	EL	In FS	In FS - condition unknown
	Hose clamps	EL	In FS	In FS - condition unknown
	Antenna analyzer	EL	EL	
	Long tape measure	ILY	ILY	In golf bag??

## TEAM SAINT MARTIN - EQUIPMENT TRANSPORTATION

ITEM	WEIGHT	HOW	WHO	NOTES
Golf Bag 1 (ILY)	22	Golf bag #1	ILY	ILY has this now
Box of coax, misc, table cloth	27	Golf bag #1	ILY	ILY has this now
SAL poles	12	Golf bag #1	ILY	ILY has this now
TOTAL Weight	61			
Golf Bag 2 (EL)	10	Golf bag #2	EL	Must check weight
Spider beam pole	7.5	Golf bag #2	EL	ILY has this now
Coax & window line antennas	9.5	Golf bag #2	EL	ILY has this now
RG6 cable	10	Golf bag #2	EL	ILY has this now
TOTAL Weight	37			
Filters		Checked luggage	All	Each take 2 filters (total 8)
SAL control		Checked luggage	ILY	
Station #1 - K3 & pwr supply		Carry on	ILY	
Station #1 - Expert 1.3K		Carry on	ILY	
Station #1 - keyer		Carry on	ILY	
Station #1 - all else		Checked luggage	ILY	
Station #2 - K3 & pwr supply		Carry on	MK?	
Station #2 - Expert 1.3K		Carry on	EL	
Station #2 - keyer		Carry on	MK?	
Station #2 - all else		Checked luggage	EL/MK	
Station #3 - K3, supply, amp, tuner		Carry on	NU	
Station #3 - all else		Checked luggage	NU	

# DETAILED PRE-PLANNING AND PACKING

November 27 2018 4:00 AM  
O'Hare Airport, American Airlines Check-in



John K9EL: Large golf case  
large suite case, small suite  
case +SPE amp

John W9ILY: large suite case,  
small suite case, K3 +SPE  
amp.

Paul K9NU: Large suite case,  
small suite case K3 + KPA500  
amp

Mike W9MK: Small golf case,  
large suite case, small suite  
case, K3, K3 ant tuner and a  
40 meter band pass filter.







SAL

160

10/24

20/30

80

17/20

40











040600 -12 0.1 1710 ~ K9EL EA1PO -12  
 040600 -20 -1.1 2170 ~ K9EL N6AR EL98  
 ----- 160m  
 040630 -18 0.3 313 ~ K9EL K10KB DN70  
 040630 -8 0.2 748 ~ NC4RY WA7LNW 73  
 040630 -13 0.0 1868 ~ K9EL N6PAT +07  
 ----- 160m  
 040700 -17 0.0 1868 ~ K9EL N6PAT +07  
 040700 -13 0.2 740 ~ N9RC UA4CR LO31  
 040700 -17 0.1 1387 ~ NC4HQ K3VN -04  
 040700 -13 0.1 1710 ~ K9EL EA1PO -12  
 ----- 160m  
 040730 -13 0.2 426 ~ K9EL NC6K DM13  
 040730 -13 0.1 1710 ~ K9EL EA1PO RRR  
 ----- 160m  
 040730 -9 0.3 393 ~ K9EL K9RX R-04  
 040800 -13 0.2 612 ~ N9RC UA4CR LO31  
 040800 -14 0.2 748 ~ KI4R WA7LNW -14  
 040800 -16 0.1 1710 ~ K9EL EA1PO RRR  
 040800 -16 0.2 425 ~ K9EL NC6K DM13  
 ----- 160m  
 040830 -16 0.3 313 ~ K9EL K10KB DN70  
 ----- 160m  
 040900 -18 -0.5 313 ~ K9EL K10KB DN70  
 ----- 160m  
 040930 -10 0.3 393 ~ K9EL K9RX R+04  
 040930 -12 -0.5 749 ~ CQ WA7LNW DM37  
 040930 -14 0.4 855 ~ K9EL AA3AZ FN01

040530 -10 0.1 1391 ~ K9EL F6AOJ R-11  
 040530 -8 0.1 1710 ~ K9EL EA1PO -12  
 040545 Tx 814 ~ N9RD GUD QSO  
 040600 -9 0.1 1391 ~ K9EL F6AOJ R-11  
 040600 -6 0.1 1710 ~ K9EL EA1PO -12  
 040600 -20 -1.1 2170 ~ K9EL N6AR EL98  
 040615 Tx 814 ~ F6AOJ K9EL RRR  
 040630 -18 0.3 313 ~ K9EL K10KB DN70  
 040630 -13 0.0 1868 ~ K9EL N6PAT +07  
 040645 Tx 814 ~ F6AOJ K9EL RRR  
 040700 -17 0.0 1868 ~ K9EL N6PAT +07  
 040700 -13 0.1 1710 ~ K9EL EA1PO -12  
 040715 Tx 814 ~ DE FS/K9EL R-17  
 040730 -13 0.2 426 ~ K9EL NC6K DM13  
 040730 -13 0.1 1710 ~ K9EL EA1PO RRR  
 040745 Tx 814 ~ N6PAT K9EL -17  
 040800 -9 0.3 393 ~ K9EL K9RX R-04  
 040800 -16 0.1 1710 ~ K9EL EA1PO RRR  
 040800 -16 0.2 425 ~ K9EL NC6K DM13  
 040815 Tx 814 ~ N6PAT K9EL -17  
 040830 -16 0.3 313 ~ K9EL K10KB DN70  
 040845 Tx 814 ~ K9RX K9EL -09  
 040900 -18 -0.5 313 ~ K9EL K10KB DN70  
 040915 Tx 814 ~ K9RX K9EL -09  
 040930 -10 0.3 393 ~ K9EL K9RX R+04  
 040930 -14 -0.4 855 ~ K9EL AA3AZ FN01  
 040945 Tx 814 ~ K9RX K9EL RRR

CQ only    Log QSO    Stop    Monitor    Erase    Decode    **Enable Tx**    Halt Tx    Tune     Menus  
 150m    **1.840 000**     Tx even/1st  
 Generate Std Msgs    Next    Now    Pwr



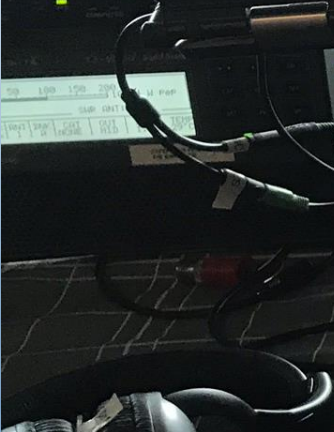
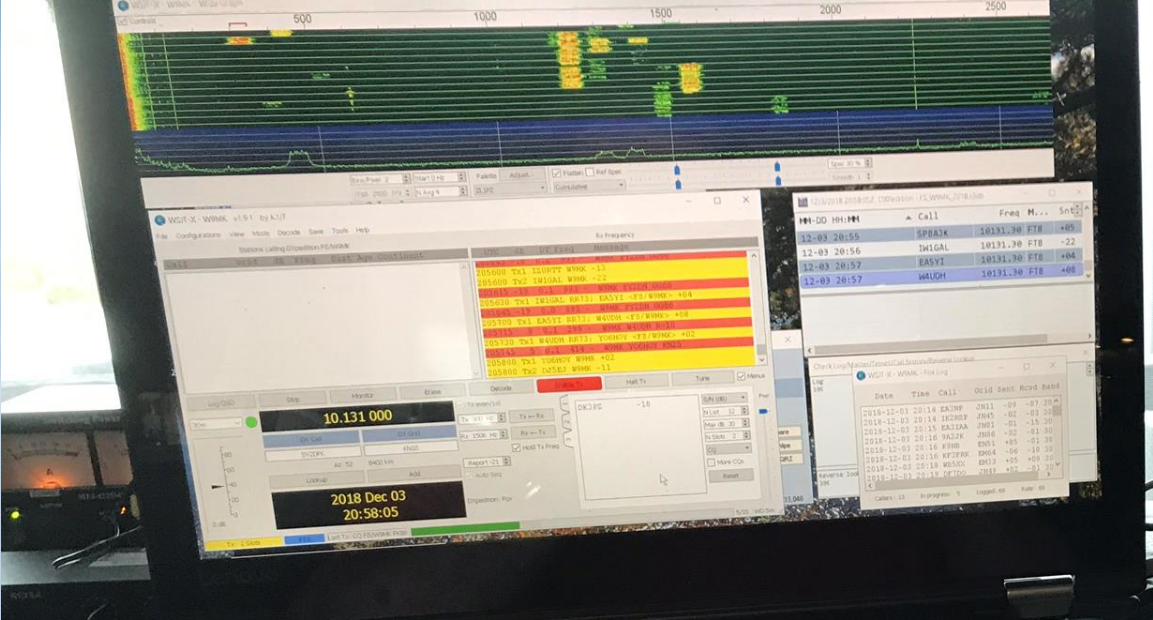
















	<b>CW</b>	<b>FT8</b>	<b>SSB</b>	<b>RTTY</b>	<b>TOTAL</b>
FS/W9MK		891	1448		<b>2339</b>
FS/K9EL	476	1107			<b>1583</b>
FS/W9ILY	695	536	1	145	<b>1377</b>
FS/K9NU	577	568	139	1	<b>1285</b>
160 Contest	149				<b>149</b>
CW Ops Contest	50				<b>50</b>
<b>Totals</b>	<b>1947</b>	<b>3102</b>	<b>1588</b>	<b>146</b>	<b>6783</b>

# Saint Martin

CQ Zone 8 IOTA NA-105  
Loc: FK88LC

John Paul Mike John  
FS/W9ILY FS/K9NU FS/W9MK FS/K9EL

Nick  
K9NB - Pilot



## GREETINGS FROM SAINT MARTIN

W9MK, W9ILY, K9NU and K9EL traveled to the beautiful island of Saint Martin to operate FS/ our home calls for 10 days in December 2018. We operated CW, SSB, RTTY and FT8 on 12 through 160 meters with a big focus on 80 and 160. Our equipment included three Elecraft K3 transceivers, one Elecraft KPA500 amplifier and two SPE 1.3K amplifiers. For antennas we used a 160M inverted L, full-size dipole for 80M, quarter-wave vertical for 40M, dipoles for 30, 20, 17, 15 and 12 and an SAL-20 receive antenna. Our QTH was on a hill overlooking the Atlantic Ocean and the famous Orient Beach. We owe a special thanks to Jim, N9TK, for loaning us equipment and Nick, K9NB, for doing a great job as our pilot station. We are pleased to confirm the following QSO(s):

FS/W9MK  FS/W9ILY  FS/K9NU  FS/K9EL

Confirming QSO with:

Day	Month	Year	UTC	Band	Mode	RST

QSL all QSOs to operator's home call. Thank you for your QSO and QSL.



***“The REST of the story”***





PJ7MF and FS4WBS  
Marco Ferrante















# La Fin

