



# Saint Pierre & Miquelon DxPedition

Tino Zottola, VE2GCE  
Mark Morin, VA2MM  
Jonathan Bastien-Filiatrault, VA2XZA  
Vlad Banicevic, VA2AN  
John Pinnell, VE2YNI

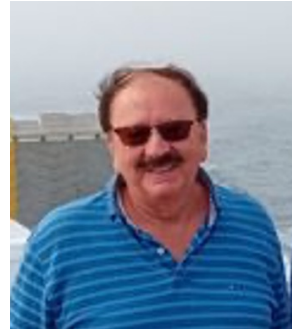
Sept 16, 2024

# The Team



Tino Zottola, VE2GCE

- FT8 operator
- Organizer



Vlad Banicevic, VA2AN

- CW operator



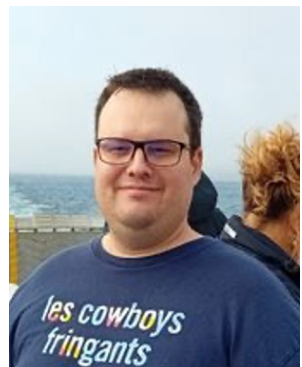
Mark Morin, VA2MM

- Phone operator
- POTA/LOTA activity



John Pinnell, VE2YNI

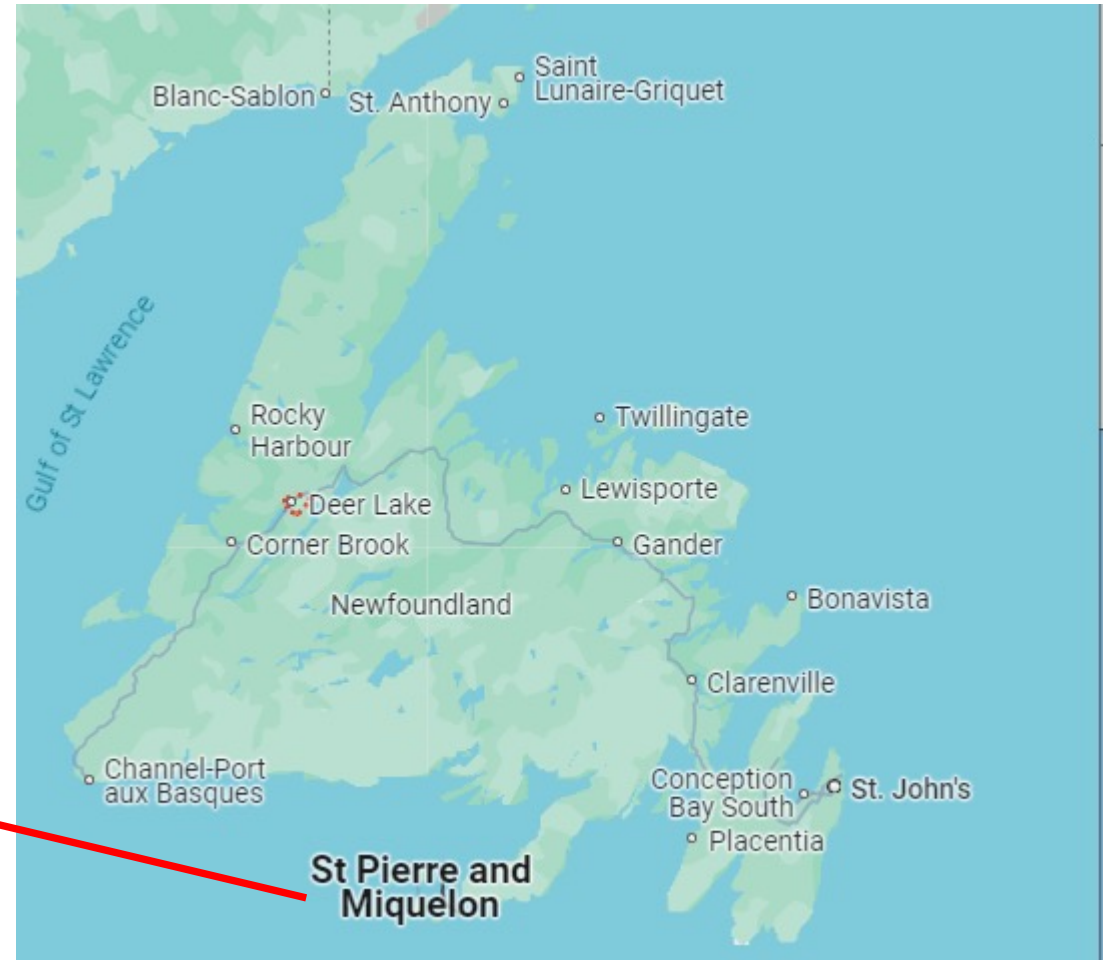
- FT8 operator
- QSL Design



Jonathan Bastien-Filiatrault, VA2XZA

- CW operator
- POTA/LOTA activity

# Saint Pierre & Miquelon



# Saint Pierre & Miquelon

## Saint Pierre and Miquelon is a French Overseas Territory

- Little France in North America with Newfoundland weather
- Full French citizens
- Uses Euro and 240 volts electricity
- Expected many French cars, but American & Japanese cars dominate

## Geography entails three land masses

- 1) Miquelon: Rural community with 600 people
- 2) Langlade: Mostly uninhabited
- 3) Miquelon + Langlade connected by narrow isthmus
- 4) Saint Pierre: Urban cosmopolitan with 6000 people

## WIARC History

- In the 1990 and 2000's WIARC led several DxPeditions.
- In 2023, interested club members chose Saint Pierre and Miquelon for the 2024 DxPediton: **August 10 – 22, 2024**
- 2024 Dxpediton focused primarily in Miquelon with one POTA activity in Saint Pierre.



# Pre and Post Expedition Activity

## **Pre-Expedition Preparations**

- TO8FP license
- Hotel, boat and airplane logistics
- Advertising via bloggers (Luis EA1CS & Bernie W3UR) and our QRZ web page
- Staging event #1: Antennas and equipment tested on Type E 240 volt outlets
- Staging event #2: All Luggage planned and weighed to within 100 grams

## **Post-Expedition Activity**

- QSL management via QSL manager DJ4MX
- Log corrections
- This presentation

# Travel to and from SPM



# Pit stop in Miquelon



# Equipment Used

## Equipment

- 2 x Elecraft K3 100 watt transceivers + KPA500 amplifier and tuner
- Icom 705 multiband 5 watt transceiver (POTA/LOTA)
- 6BTV vertical antenna (80 to 10 meters)
- 3 element fan dipole (80 to 10 meters)
- Portable POTA antenna
- Computers for running N1MM+ and WSJT (logging and FT8)
- Network equipment
- Internet connection permitting live log uploads from N1MM+ to Club Log



# Antenna Setups



# Equipment Setup



Tino Zottola, VE2GCE, Sept 16, 2024

**Saint Pierre & Miquelon Team**  
 August 10-21, 2024  
 Miquelon-Langlade 97500  
 St Pierre & Miquelon  
 QSL: QSL via DJ4MX, ClubLog OQRS

*Email: Use mouse to view..*

Page managed by [VE2GCE](#) Lookups: 66052

TO8FP team will be active from St.Pierre and Miquelon during August 10 - 21, 2024.

IOTA NA-032, Grid GN17TC, CQ Zone 5, ITU Zone 9

Team – Tino VE2GCE, Mark VA2MM, Jonathan VA2XZA, John VE2YNI, Vlad VA2AN  
 Operation on 80 - 6m: CW, SSB, Digital Modes

- CW: 3523, -----, 7023, 10113, 14023, 18069, 21023, 24893, 28023
- SSB: 3790, -----, 7090, -----, 14185, 18130, 21285, 24955, 28485
- FT8: 3562, 5357, 7062, 10128, 14094, 18091, 21094, 24908, 28094

QSL via DJ4MX, ClubLog OQRS

← QSL Manager

CLUBLOG		Worked	Confirmed	Log Search	
TO8FP		114		<input type="text"/>	<input type="button" value="Go"/>
DX Call	Date	Band	Mode	Entity	
W2TT	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
ON6LEO	2024-08-21	20M	CW	BELGIUM	
N4DJ	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
NE1D	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
W4MPS	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
N4XAT	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
KM3STU	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
N3KRX	2024-08-21	20M	CW	UNITED STATES OF AMERICA	
F8EAZ	2024-08-21	20M	CW	FRANCE	
WA2FBN	2024-08-21	20M	CW	UNITED STATES OF AMERICA	

← Real time Log Check

QRZ Webpage

**General Information:**

Any necessary log corrections will be done 1 to 2 weeks after completion of DxPediton..

**Active TO8FP spots**

← Real time Spotting

- Dx Watch [TO8FP](#)
- RBN [TO8FP](#)
- Clublog Live Stream [TO8FP](#)



QRZ Webpage

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## Special T08FP activations



POTA / LOTA announcements

August 15th, 2024:

ATNO POTA PM-0001: **Isthme de Miquelon-Langlade**

@ 12h00 UTC on 20 meters

Ops: VA2MM VA2XZA

August 17th, 2024:

LOTA ARLHS SPM-0002: **Cap Blanc Lighthouse**

@ 16h00 UTC on 14.060 Mhz

Ops: VA2MM VA2XZA

August 21st, 2024:

POTA PM-0002: **Anse à Henry**

@ 14h00 UTC on 14.023 MHz

Ops: VA2MM, VA2XZA

# Ranking First in Club Log

[Home](#)[About](#)[Most Wanted](#)[Expeditions](#)[Livestreams](#)

## DXpedition Logs Hosted on Club Log

- To request this service for your next expedition, [use this form](#).
- If you are a registered Club Log user, you can [search all recent logs simultaneously](#).

Callsigns with a duration of more than 6 months are moved to the [Special Callsigns](#) page.

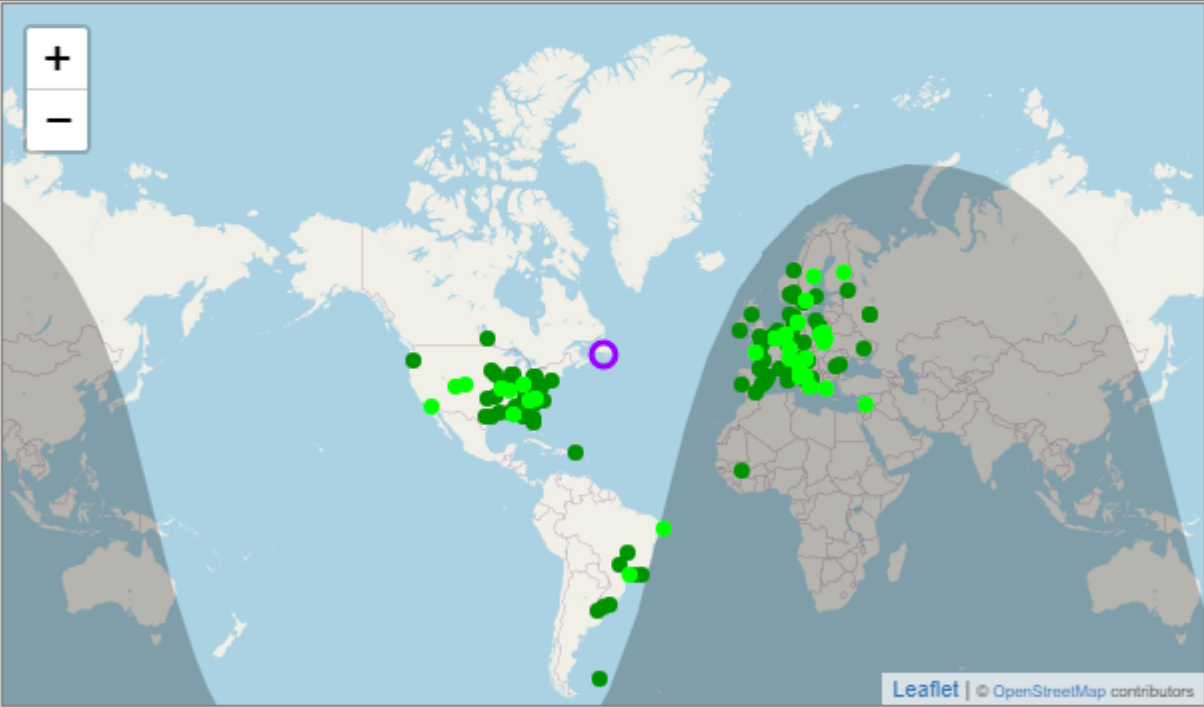
## Latest/Current Expeditions

Callsign	Location	Days	First	Last	QSOs	Uniques	Dupes	OQRS	Live	Donate
TO8FP	SAINT PIERRE & MIQUELON	2	2024-08-11	2024-08-13	1,110	840	4.0%			
N5J	PALMYRA & JARVIS ISLANDS	5	2024-08-07	2024-08-12	57,477	13,523	4.2%			<a href="#">Donate</a>
VK2/W7BRS	LORD HOWE ISLAND	17	2024-07-14	2024-07-31	5,432	2,766	13.6%			
K8K	AMERICAN SAMOA	11	2024-06-28	2024-07-09	31,195	10,942	7.6%			
8Q7JF	MALDIVES	11	2024-06-17	2024-06-28	2,439	1,803	3.2%			<a href="#">Donate</a>
VK9LA	LORD HOWE ISLAND	10	2024-06-14	2024-06-24	20,709	7,760	12.0%			<a href="#">Donate</a>
5U5K	NIGER	16	2024-06-07	2024-06-23	46,285	13,697	7.9%			
FT4GL	GLORIOSO ISLAND	47	2024-05-02	2024-06-18	61,189	15,210	17.0%			

# Live Streaming

**CLUBLOG** **TO8FP** **20:23:11** **3151 QSOs** **Rate: 3.4 QSOs/min**

Phone	160	80	60	40	30	20	17	15	12	10	6	4	2	70
CW							●							
Data							●							



Leaflet | © OpenStreetMap contributors

30:	15M	FT8	SV3AQT
29:	15M	FT8	AA2IL
28:	17M	CW	DL1DAW
27:	17M	CW	DL6KVA
26:	17M	CW	DL6KVA
25:	17M	CW	DF1SD
24:	17M	CW	SM6CCO
23:	15M	FT8	PY7BC
22:	15M	FT8	SM3GSK
21:	17M	CW	N4LSJ
20:	17M	CW	S58N
19:	15M	FT8	PY2UBK
18:	17M	CW	SQ7IQM
17:	17M	CW	S57AW
16:	15M	FT8	IZ8ITT
15:	15M	FT8	WD4IXD
14:	15M	FT8	W9RF
13:	17M	CW	F5SGI
12:	15M	FT8	IK8MYM
11:	15M	FT8	W0IZ
10:	17M	CW	DL5DBY
09:	15M	FT8	KG0US
08:	15M	FT8	IK4PKL
07:	15M	FT8	OD5VB
06:	17M	CW	SP8GNF
05:	15M	FT8	NF4J
04:	17M	CW	ON7PQ
03:	15M	FT8	N4CO
02:	17M	CW	SQ9JYK
01:	17M	CW	ON6MG

First QSO: 2024-08-11 21:40    Last QSO: < 10 mins    Map pins: 150 Update rate: 15s    Heartbeat: 20:23:08 ♥

[Log Search](#)    [DX Spots](#)    Live Stream by Club Log    [Documentation](#) | [Wrong locator?](#)

# First POTA Activation

**PM-0001: Isthme de Miquelon-Langlade**

Operators: Jonathan (VA2XZA) and Mark (VA2MM)

20 km bicycle ride from Miquelon each way

\*\*\*\* First time ever activated by radio amateurs (TO8FP) \*\*\*\*



# Second POTA Activation

**PM-0002: Anse à Henry**

Operators: Jonathan (VA2XZA) and Mark (VA2MM)

5 km walk from Saint Pierre hotel each way

\*\*\*\* Second time ever activated by radio amateurs (TO8FP) \*\*\*\*  
Activated for the first time by American ham previous week

\*\*\*\* TO8FP first to activate all POTAs in St. Pierre & Miquelon \*\*\*\*





# LOTA Activation

LOTA site (lighthouse) activated: ARLHS SPM-002 **Cap Blanc Lighthouse**

Operators: Jonathan (VA2XZA) and Mark (VA2MM)

2.5 km walk from Miquelon each way



# The Good

## TO8FP DxPedition Statistics

- 14588 contacts
- 114 countries
- Tri-mode operation: CW, phone and FT8

## Exceptional POTA/LOTA achievements by Jonathan and Mark:

- LOTA site (lighthouse) activated: **Cap Blanc Lighthouse**
- WIARC first group of amateurs to activate POTA site PM-0001: **Isthme de Miquelon-Langlade**
- WIARC second group of amateurs to activate POTA site PM-0002: **Anse à Henry**
- WIARC first group of amateurs to activate all POTA sites in Saint Pierre & Miquelon.

## Infrastructure and Support

- Successful integration of Club Log allowing real time station operations and log viewing.
- Professional QSL manager DJ4MX for quick LoTW and physical QSL turn around.
- One stop QRZ webpage for all DxPedition details: QSL manager, Log status, and live streaming
- Excellent teamwork for assembly, disassembly, troubleshooting and overall operating

# Final Statistics

## Operating Time

First QSO: **2024-08-11 21:40:11**  
Last QSO: **2024-08-21 15:53:29**  
Number of days: **9.76**

## Number of QSOs

Total QSOs: **14,582**  
Unique Calls: **6,804**  
Duplicate QSOs: **412 (2.83%)**

## Band/Mode breakdown

Band	CW	FT8	SSB	Total	Total %
80	325	9	0	334	2.3%
60	6	221	0	227	1.6%
40	1046	780	27	1853	12.7%
30	622	845	0	1467	10.1%
20	1913	1766	588	4267	29.3%
17	1542	464	22	2028	13.9%
15	2101	1220	40	3361	23.0%
12	225	278	0	503	3.4%
10	301	241	0	542	3.7%
<b>Totals</b>	<b>8081</b>	<b>5824</b>	<b>677</b>	<b>14582</b>	

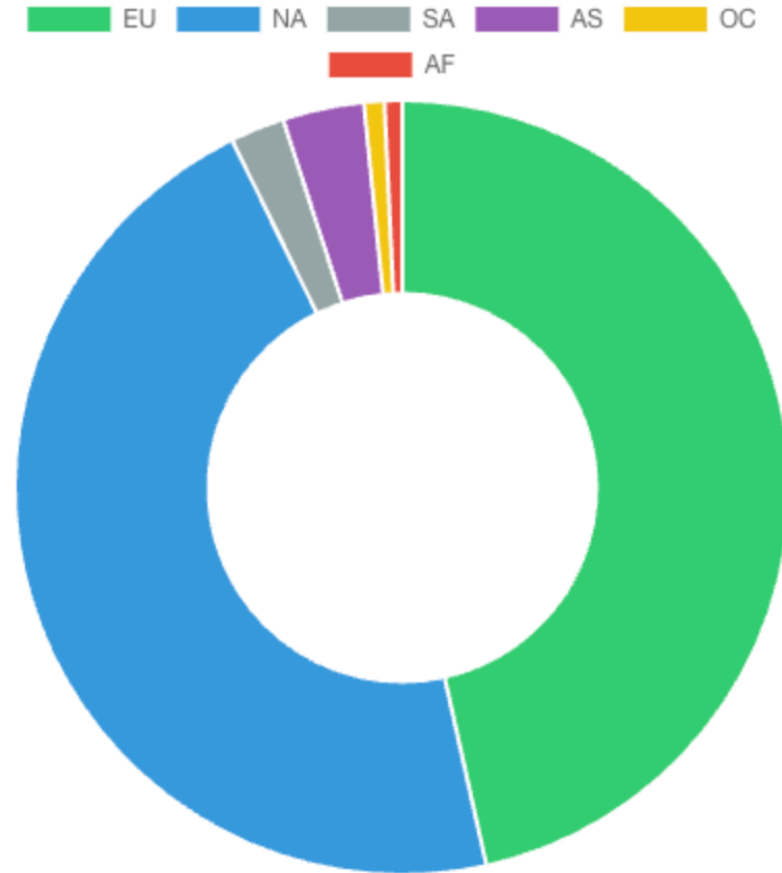
## DXCC by Band/Mode breakdown

	CW	FT8	SSB	Total
80	31	2	0	31
60	4	30	0	30
40	56	56	5	66
30	56	56	0	68
20	86	77	46	100
17	64	46	3	72
15	75	68	12	85
12	25	33	0	39
10	31	32	0	42
<b>Totals</b>	<b>104</b>	<b>87</b>	<b>49</b>	<b>114</b>

# Final Statistics

Expedition Impact On Users' Totals *(info)*

Band	160	80	60	40	30	20	17	15	12	10	6	Total	Total %
New Band	0	69	48	262	237	307	169	375	113	113	0	1693	43.3%
New Mode	0	3	0	20	11	132	36	75	2	7	0	286	7.3%
New Band + New Mode	0	3	0	40	33	66	48	87	12	14	0	303	7.8%
New Slot	0	10	1	124	82	228	207	300	57	50	0	1059	27.1%
New DXCC	0	1	5	63	41	217	45	153	20	22	0	567	14.5%
<b>Totals</b>	0	86	54	509	404	950	505	990	204	206	0	<b>3908</b>	



# The Bad

- One bag lost for 3 days and finally shipped to us in Miquelon. It contained:
  - Amplifier power transformer
  - Networking equipment
  - Interface cables
  - Accessories
- Luggage logistics could have been better.
- *MacGyver'ing* audio cable for FT8 interface required trip to Ace Hardware then to Marie Claude's (shop specializing in lady's lingerie)
- Fan antenna collapsed several times which required several MacGyver fixes:
  - Duct tape
  - Hose clamps
  - Tie wraps
- POTA antenna required many short coax jumpers + connectors
- Could used setup 3rd station when POTA equipment was idle

# The Ugly

- Trying to make restaurant reservations on short notice



# Questions ?



Tino Zottola, VE2GCE, Sep 16, 2024