

# CRAQ Février 2008

## Les DXp é ditions

Plus qu'un simple Field Day,  
une exp érience unique.

Tout ce que vous avez pu imaginer  
mais que vous n'aviez jamais vu.

# Comment ça fonctionne

- Le premier financement vient des participants eux-mêmes
  - Ils fournissent chacun une somme initiale de 10-15K \$ ce qui représente environ 70 % des coûts (3Y0X), ce qui permet de débuter les démarches d'organisation (réservation de bateau, d'avions, transport des équipements, etc.)
  - Ils se rendent au point de rencontre à leurs frais (avions, etc.)

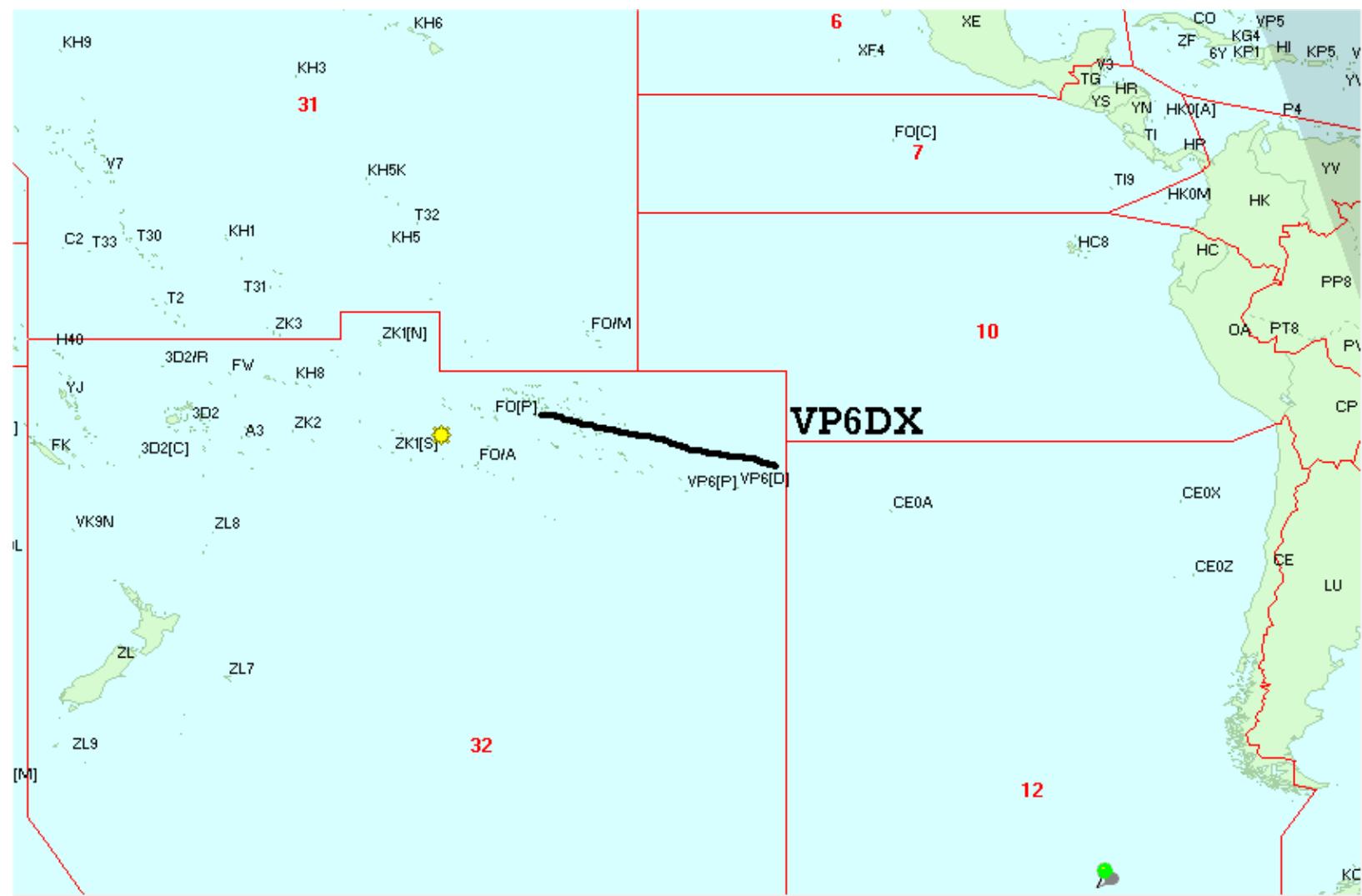
# Comment ça fonctionne suite

- Les Fondations fournissent une autre partie
- Les dons des Clubs
- Les dons individuels
- QSL ?

# Comment ça fonctionne suite

- Le coût d'une Dxpédition du point de départ au point d'arrivé
  - Entre 300 K\$ et 400 K\$
- Les équipements sont habituellement « prêtés » par les compagnies
- Temps de préparation est entre 2 et 3 ans

# VP6DX - DUCIE ISLAND - 2008



**VP6DX - DUCIE ISLAND - 2008**





# **VP6DX - DUCIE ISLAND - 2008**

## **Revenus**

**Almost all of the costs (\$305,000 to date) must be paid or committed before we arrive at the island.**

**So where does the cash come from?**

<b>\$83,000</b>	<b>operators (13) donations</b>
<b>\$55,000</b>	<b>loaned/donated hardware</b>
<b>\$30,000</b>	<b>clubs and organization donations to date</b>
<b>\$12,000</b>	<b>individual donations to date</b>
<b>\$125,000</b>	<b>debt (interest-free loans)</b>



# **VP6DX - DUCIE ISLAND - 2008**

## **Dépenses**

**The costs (US\$ at current exchange rates) for equipping and executing the VP6DX expedition total about \$330,000:**

\$155,000	<b>Sea transportation to/from Ducie Island, and costs for operating the ship while we are on the island (29 days), food, use of shelter &amp; some generators.</b>
\$140,000	<b>hardware: radios, amplifiers, antennas, computers, spares, etc.</b>
\$23,000	<b>shipping, insurance,</b>
\$10,000	<b>gasoline, diesel, fuel containers, consumable items.</b>

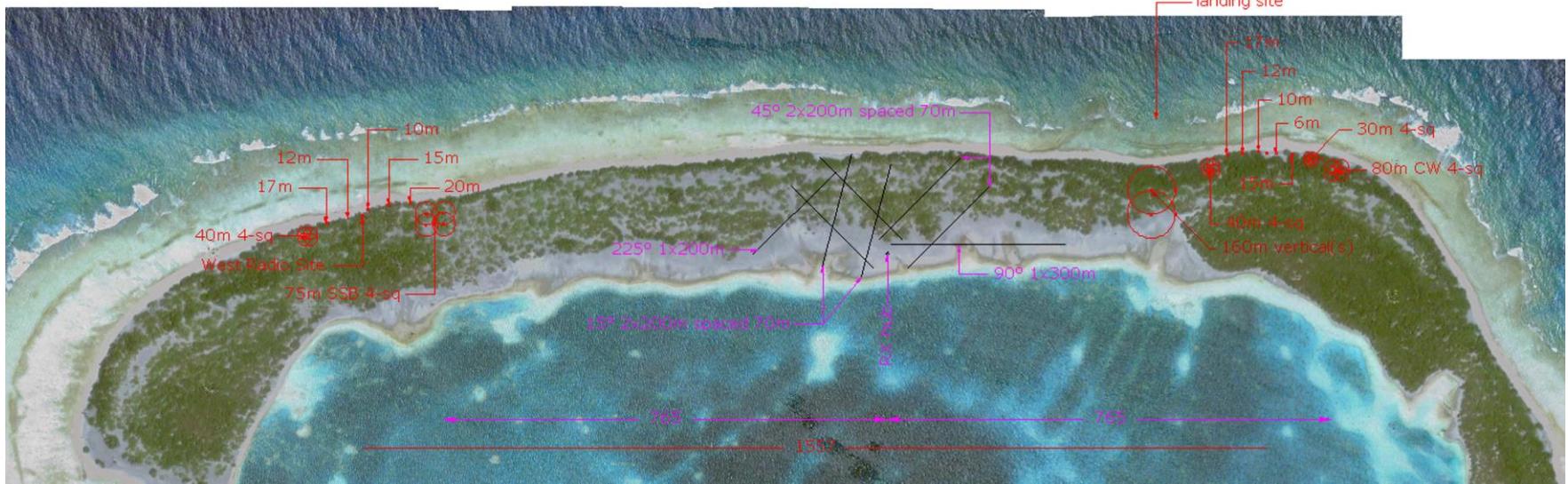
**These costs do not include air transport and lodging for the operators; each operator pays his own way to/from Mangareva Atoll, French Polynesia.**



# Site de la Dxpédition

- Lorsque le site le permet
  - Un site pour le CW (RTTY)
  - Un site pour le SSB
  - Les sites sont espacés de 1000 pi.  
(interférences)

# VP6DX - DUCIE ISLAND - 2008



# VP6DX - DUCIE ISLAND - 2008

We are planning to set up 7 stations on Ducie Island. Most (if not all) will have a KW amplifier. We are not planning to operate on 60m and on 2m and above! Also there will probably no SSTV operation and no EME on 6m, thanks for your understanding.

## Band      Antenna

160m	26m tall vertical (if we get too bored, we might set up a second one ;-))
80m	Two 4-Squares (we plan to be on SSB and CW at the same time)
40m	Two 4-Squares
30m	4-Square
20m	Vertical Dipol Array
17m	Vertical Dipol Array
15m	Vertical Dipol Array
12m	Vertical Dipol Array
10m	Vertical Dipol Array
6m	5 elements Yagi



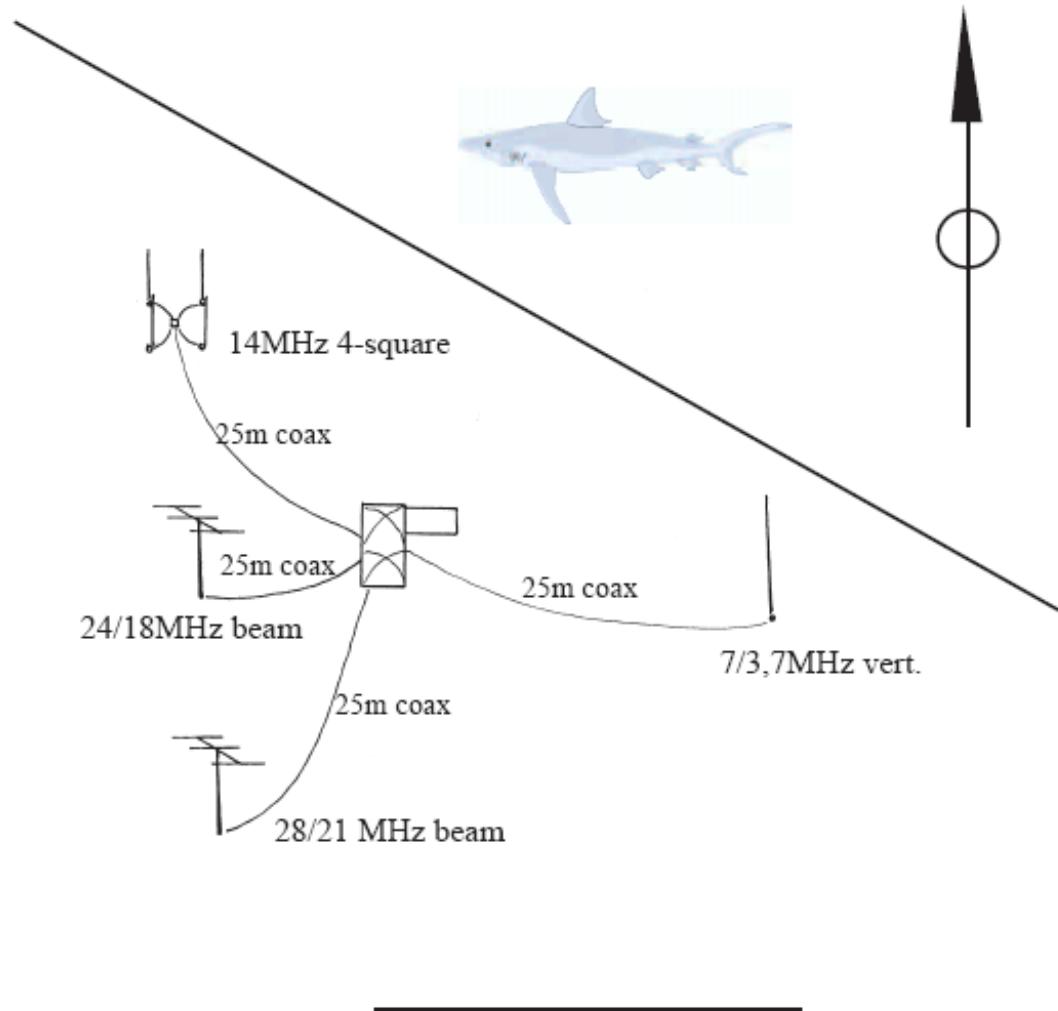


**TXØDX**

CHESTERFIELD ISLANDS  
165.3 EOTS DU MOUILLAGE  
158° 27' EAST / 19° 52' SOUTH

### SSB-site:

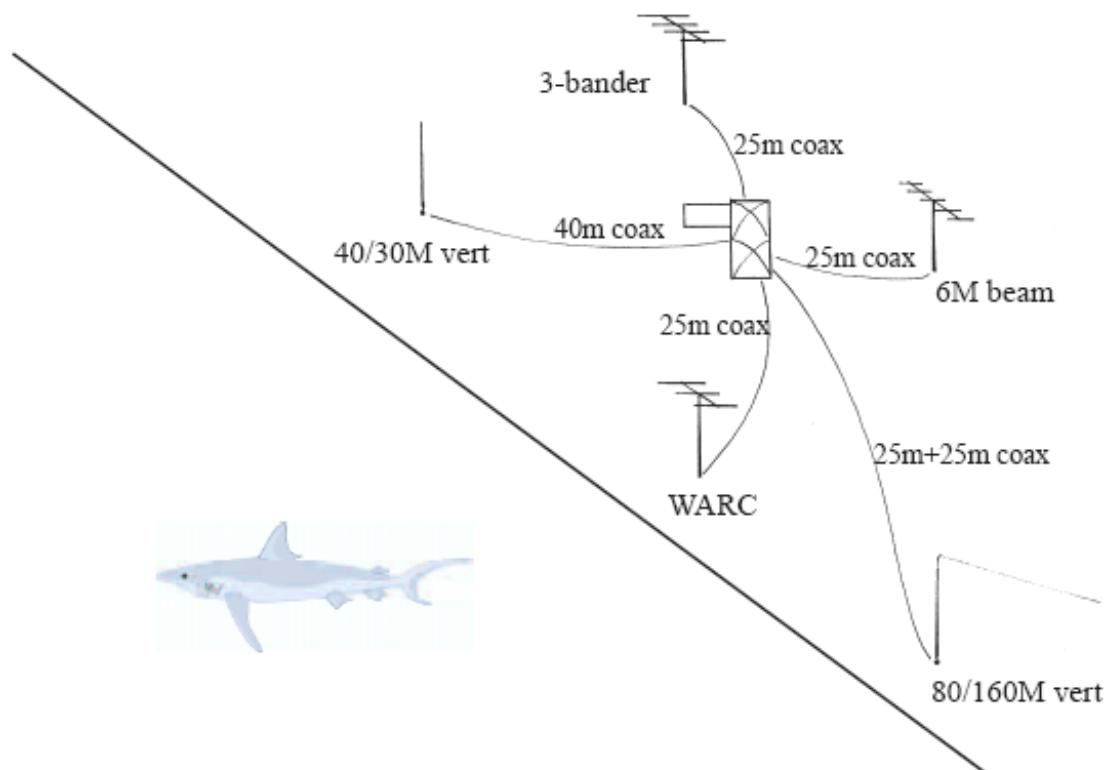
14MHz 4-square, FinnFet  
24/18MHz beam, FinnFet  
28/21MHz beam, FinnFet  
7/3,7MHz vertical, FinnFet  
25m coax 4 pcs  
Yaesu FT-1000MP 2pcs  
Alpha-78 amplifier  
TL-922 amplifier  
FinnFet WARC-amplifier  
Dunestar band-pass filter  
band-pass filter set  
generator 4,4kVA 2pcs  
mast 2 pcs  
stakes 1,5m 20 pcs  
tent  
table 2 pcs  
chairs 4 pcs  
big shadow tarp  
25m extension cord 2 pcs



**TXØDX**



Main antennas on N-S line to eliminate qrm from other site. Main beam directions are 330 and 50 degrees (EU and US) Verticals near the sea.  
Tents N-S directions and shadow tarps E-W! Be away from the bushes (ticks are there!)  
Generators down from the wind direction.



### CW-site:

tribander, FinnFet  
WARC beam  
6m beam  
80/160m vertical, FinnFet  
40/30m vertical, FinnFet  
25m coax 5 pcs  
40m coax  
Yaesu FT-1000MP 2 pcs  
Yaesu FT-655  
Alpha-78 amplifier  
FL-2100 amplifier  
FinnFet 6m amplifier  
Dunestar band-pass filter  
band-pass filter set  
generator 4,4kVA  
generator 2,5kVA  
mast 3 pcs  
stakes 1,5m 20 pcs  
tent  
tables 2 pcs  
chairs 4 pcs  
big shadow tarp  
25m extension cord 2 pcs

**TXØDX**



# Dxpéditions présentés

- BS7H Scarborough Reef 2007
- 3Y0X Peter I Island 2006
- FT5XO Kerguelen 2005

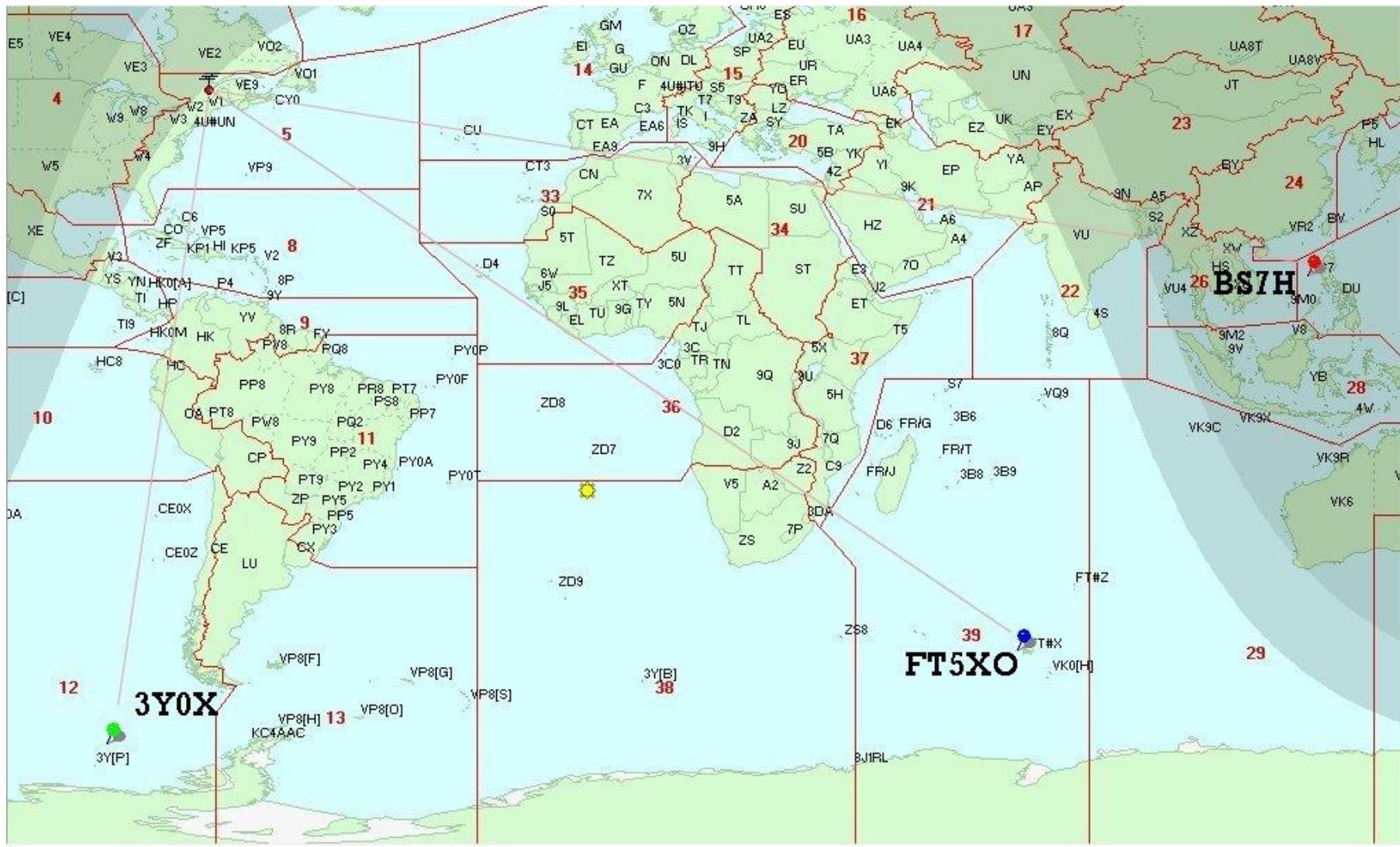
# 100 MOST NEEDED COUNTRIES - WORLD WIDE

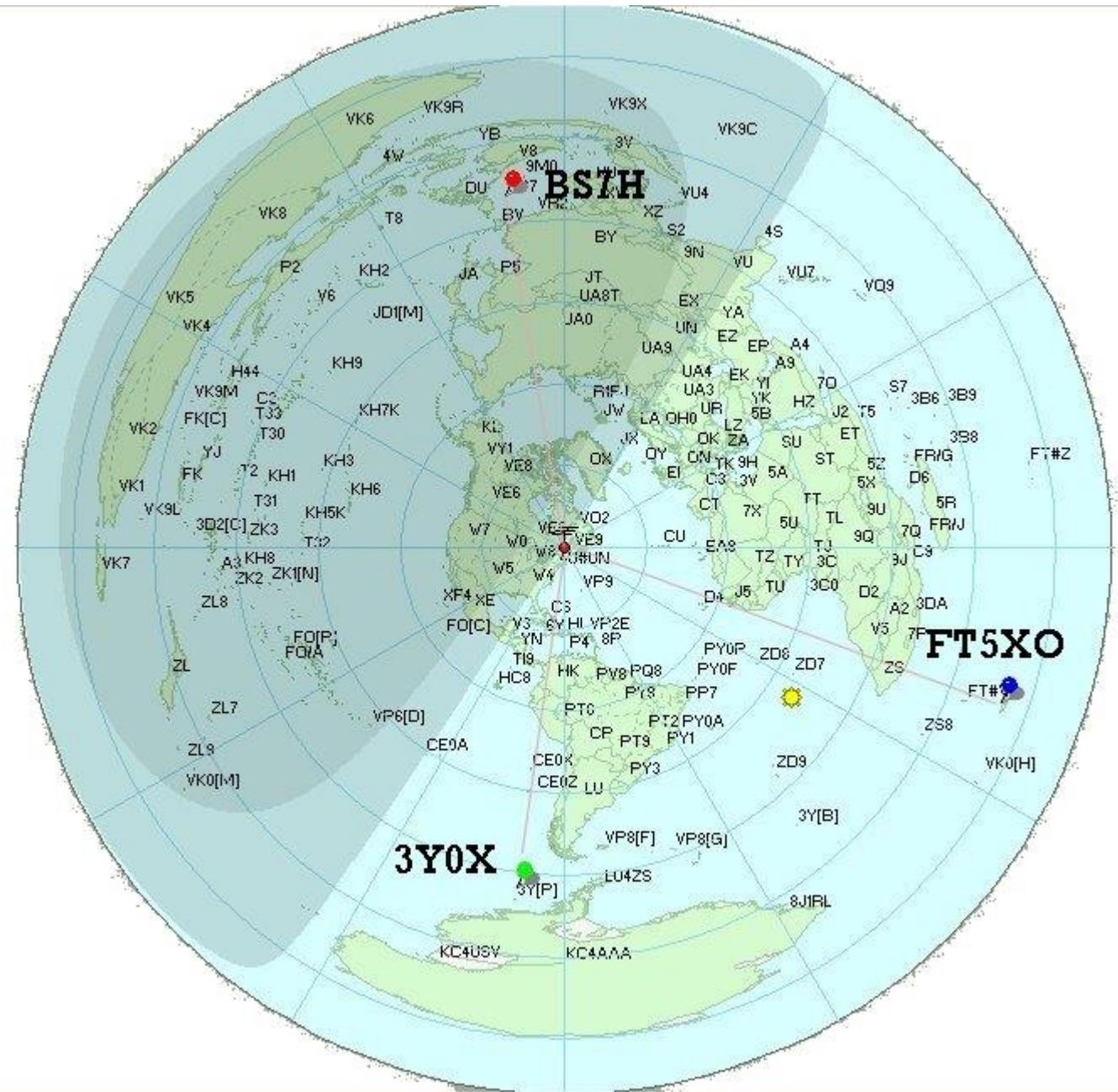
**2007**

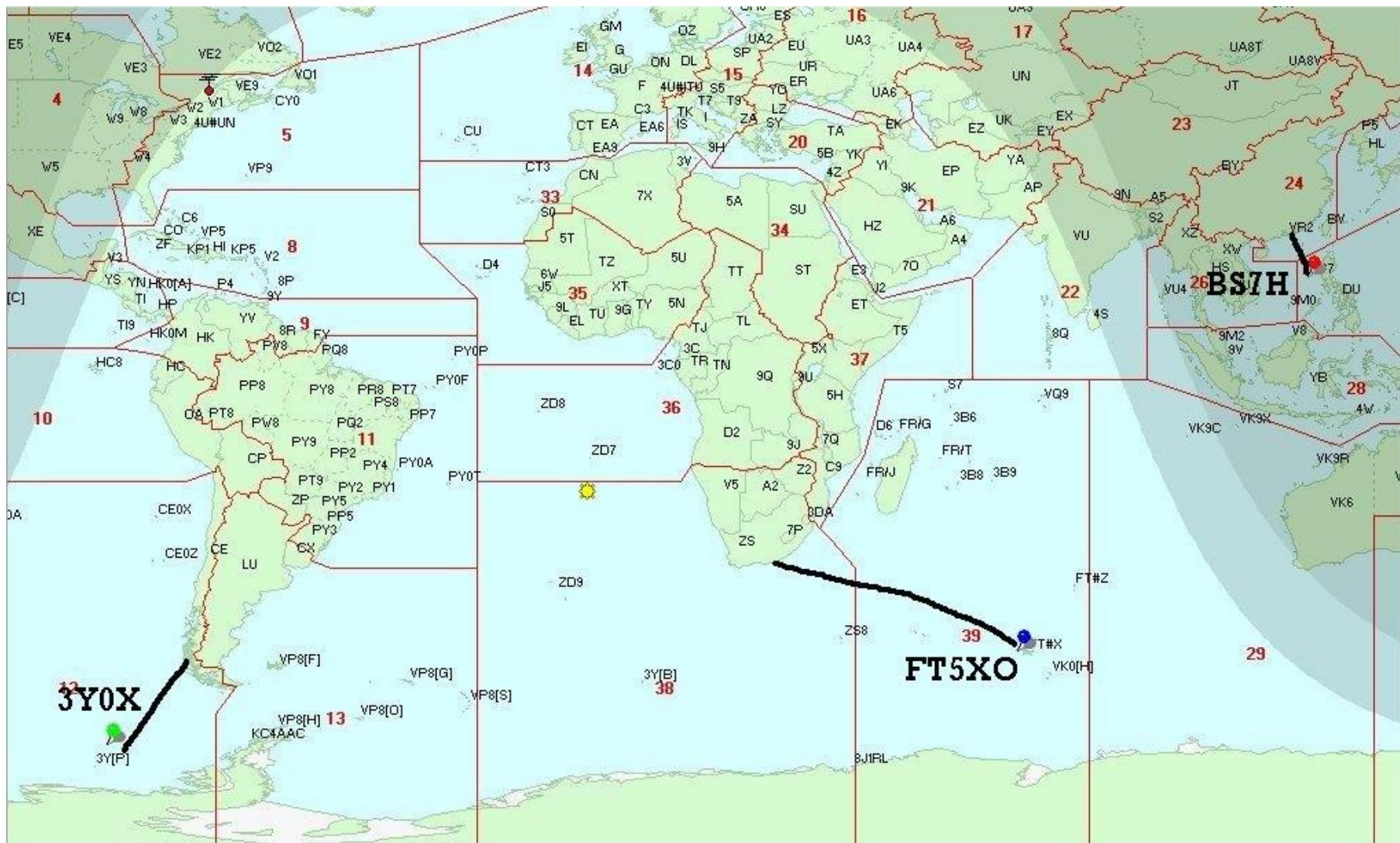
#	PREFIX	COUNTRY
1	P5	NORTH KOREA
2	7O	YEMEN
3	KP1	NAVASSA
4	FR/G	GLORIOSO
5	3Y/B	BOUVET
6	ZS8	MARION ISLAND
7	KP5	DESECHEO
8	BS7H	SCARBOROUGH (2007)
9	FT8W	CROZET
10	VKØ/H	HEARD ISLAND
11	FT8Z	AMSTERDAM
12	VK9W	WILLIS ISLAND
13	VP8O	SOUTH ORKNEY
14	SV/A	MT ATHOS
15	VP8S	SOUTH SANDWICH
16	FR/T	TROMELIN
17	HKØM	MALPELO
18	ZL9	AUCKLAND & CAMPBELL
19	E4	PALESTINE
20	VKØ/M	MACQUARIE
21	FO/C	CLIPPERTON
22	KH5K	KINGMAN REEF
50	FT8X	KERGUELEN (2005)
71	3Y/P	PETER I (2006)

**2006**

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**BS7H**

黃岩島  
**SCARBOROUGH REEF**  
**2007**



# BS7H

Stations	SSB	CW
VA2LC	1	
VA2TT	2	
VA2ZZ	1	
VE2AED	1	
VE2AWW		2
VE2AYU	1	1
VE2BQB	1	1
VE2BWL		1
VE2CU		1
VE2DC	1	1
VE2EBK	1	
VE2FPD	1	1
VE2FWW		1
VE2HQ		1
VE2IM	1	
VE2LCM	1	
VE2NSU		1
VE2PJ	2	
VE2PS		1
VE2QRA	1	2
VE2RE	1	1
VE2RYY		1
32	16	16

Total QSOs: **45,820**

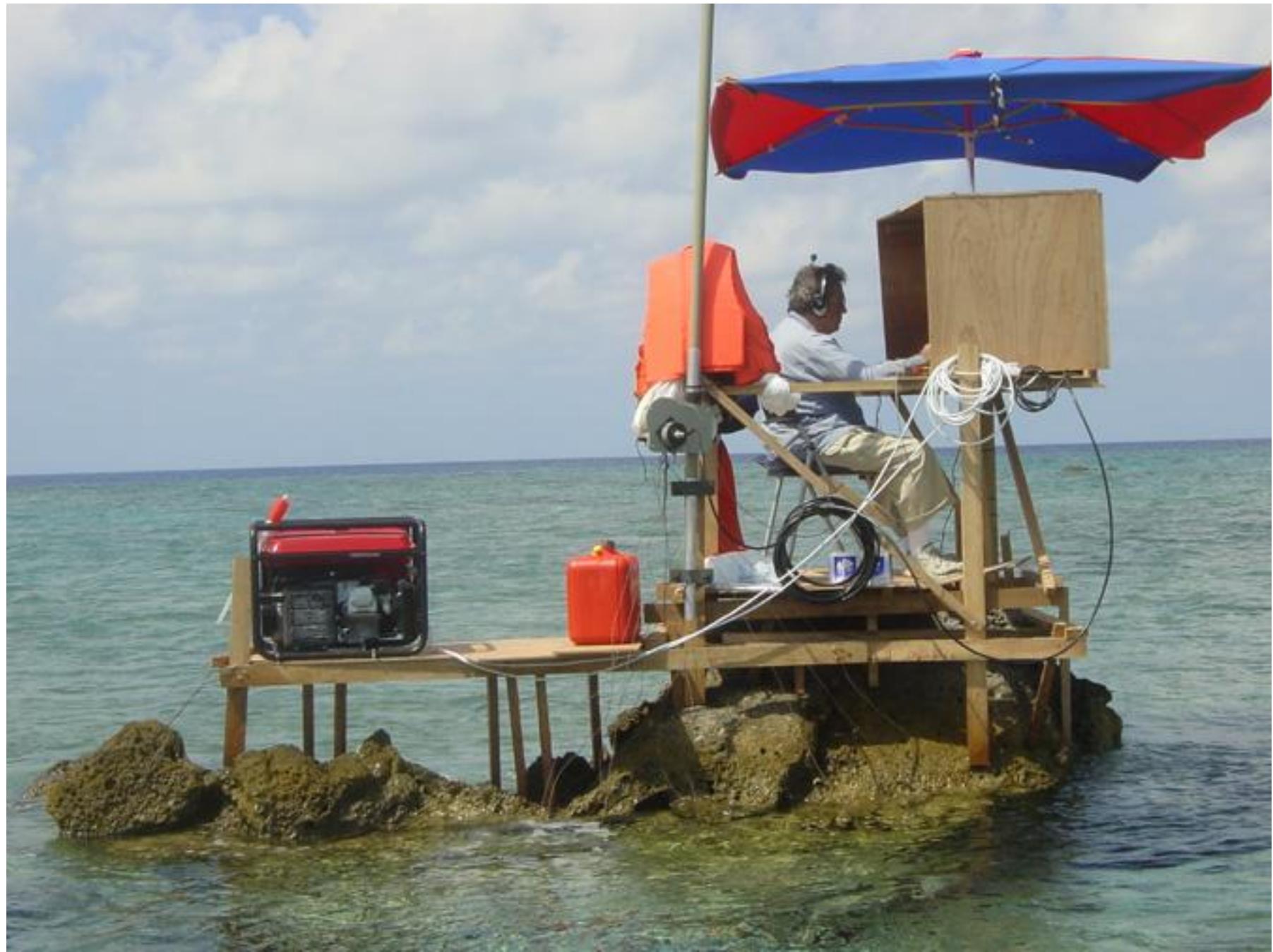
Unique Callsigns: **17,884**

QSOs by Continent	
Africa	212
Asia	21,112
Europe	16,329
North America	6,918
Oceania	948
South America	301

Band	SSB	CW	RTTY	TOTAL
160		54		54
80	121	217		338
40	509	3,039		3,548
30		4,226		4,226
20	10,391	11,435	54	21,880
17	3,325	3,744		7,069
15	4,011	1,985	268	6,264
12	402	474		876
10	841	724		1,565
<b>ALL</b>	<b>19,600</b>	<b>25,898</b>	<b>322</b>	<b>45,820</b>

Band	SSB	CW	RTTY	TOTAL
160				
80				
40	7	500		507
30		494		494
20	2,294	3,014		5,308
17	195	279		474
15	31	104		135
12				
10				
<b>ALL</b>	<b>2,527</b>	<b>4,391</b>		<b>6,918</b>



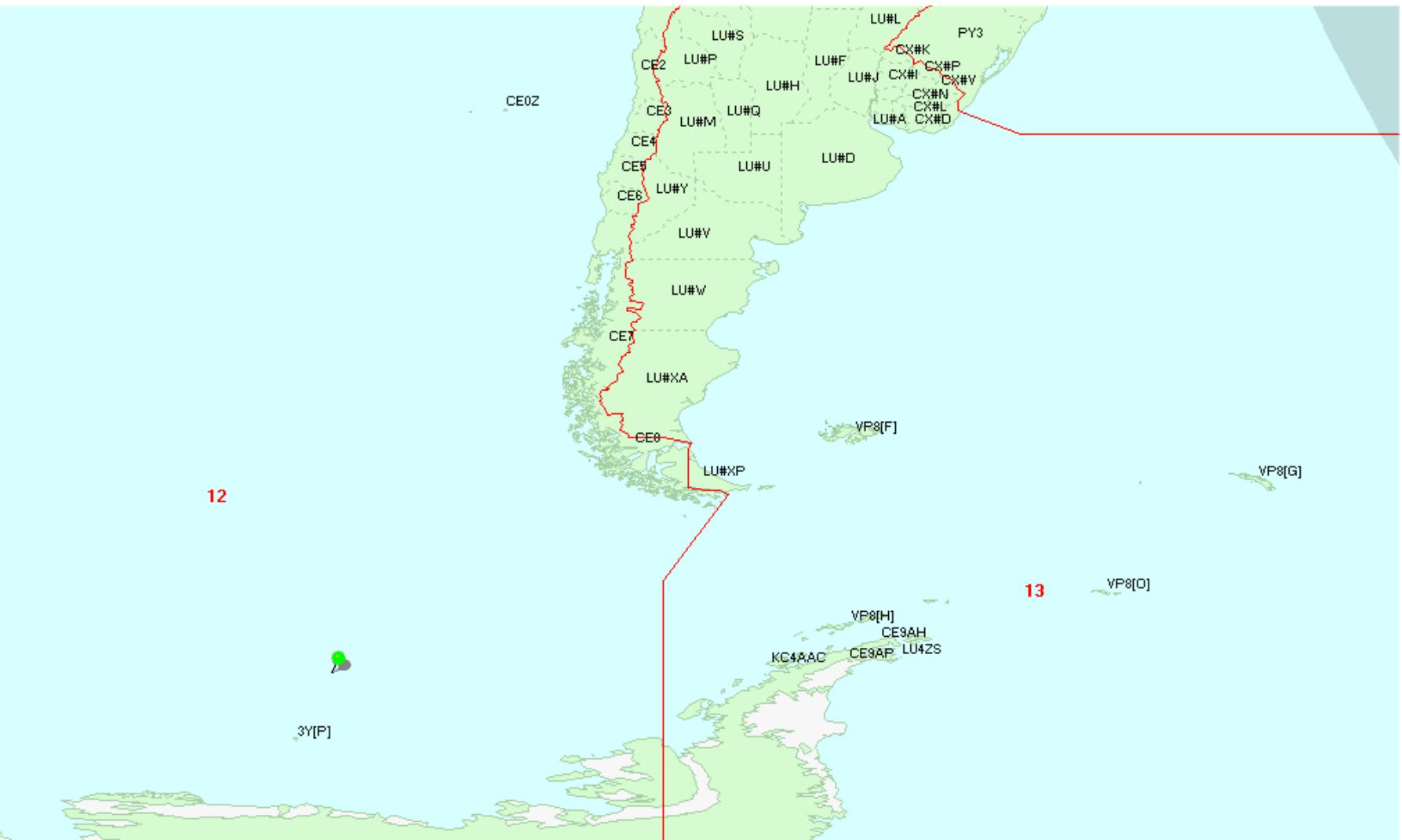


**PETER I ISLAND  
DKPEDITION**

**3YAK**



**ANTARCTICA  
2006**



# 3Y0X

We logged **86,888** QSOs while on Peter I.

Unique Callsigns: **26,449**

QSOs by Continent	
Africa	654
Asia	11,865
Europe	23,769
North America	44,914
Oceania	1,306
South America	4,380

QSOs by Band/Mode ( <b>non-unique calls</b> )						
Band	SSB	CW	RTTY	EME	SSTV	TOTAL
160	1	1,313				1,314
80	3,361	2,507				5,868
40	5,745	7,197	2			12,944
30		9,083	1,099			10,182
20	13,757	10,334	1,373		4	25,468
17	6,994	6,158	690			13,842
15	6,340	3,856	848			11,044
12	1,726	2,032				3,758
10	1,585	769				2,354
2		1		113		114
<b>ALL</b>	<b>39,509</b>	<b>43,250</b>	<b>4,012</b>	<b>113</b>	<b>4</b>	<b>86,888</b>

North America Band/Mode QSO totals ( <b>non-unique calls</b> )						
Band	SSB	CW	RTTY	EME	SSTV	TOTAL
160		774				774
80	1,557	1,150				2,707
40	2,068	2,665	1			4,734
30		2,567	274			2,841
20	7,531	4,038	735		4	12,308
17	4,065	3,398	601			8,064
15	5,193	2,543	487			8,223
12	1,532	1,806				3,338
10	1,270	633				1,903
2		1			21	22
<b>ALL</b>	<b>23,216</b>	<b>19,575</b>	<b>2,098</b>	<b>21</b>	<b>4</b>	<b>44,914</b>





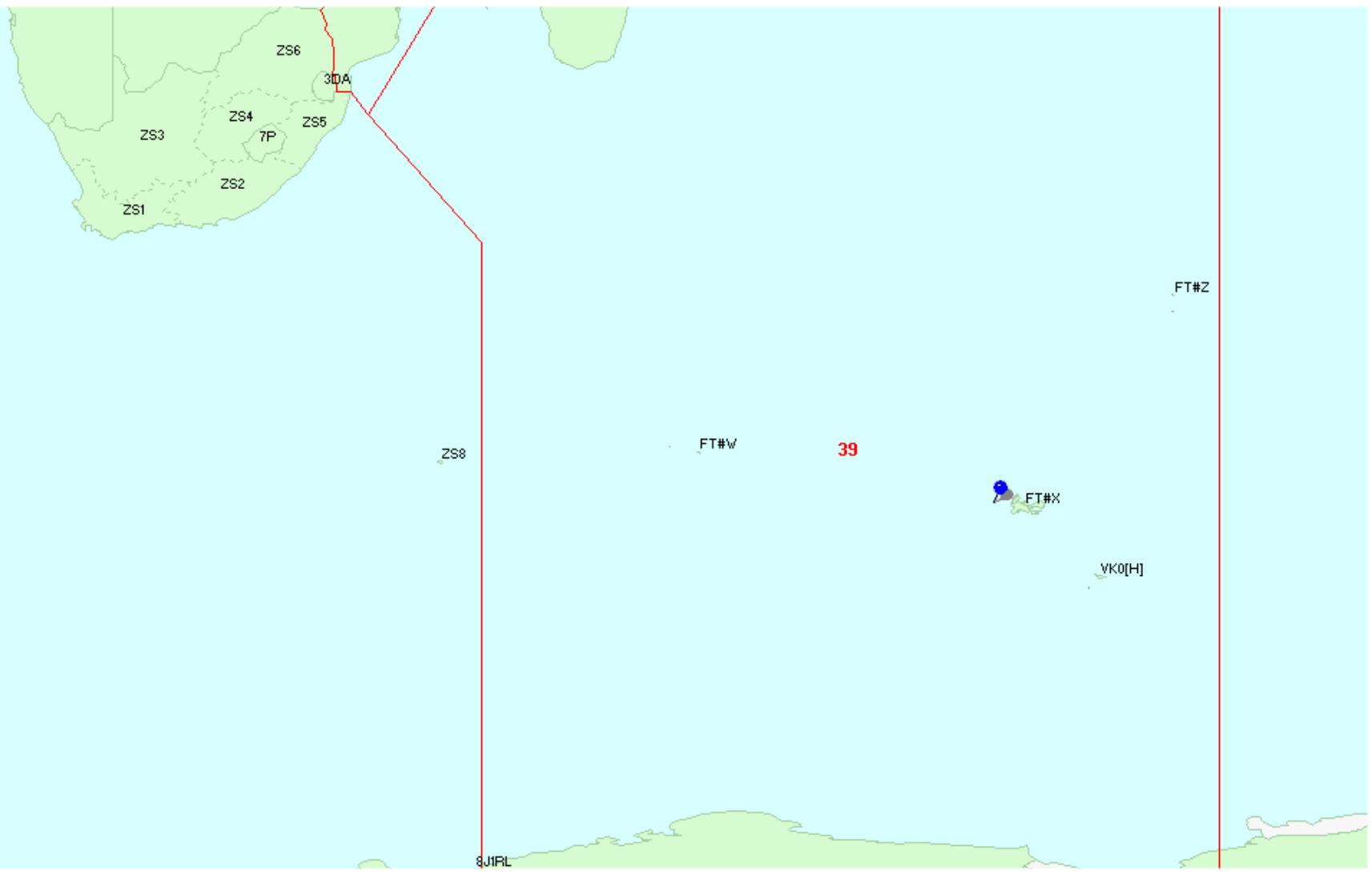
# FT5XO

ÎLES KERGUELEN

MARCH-APRIL 2005 EXPEDITION



"NO MORE MR. KILOWATT"









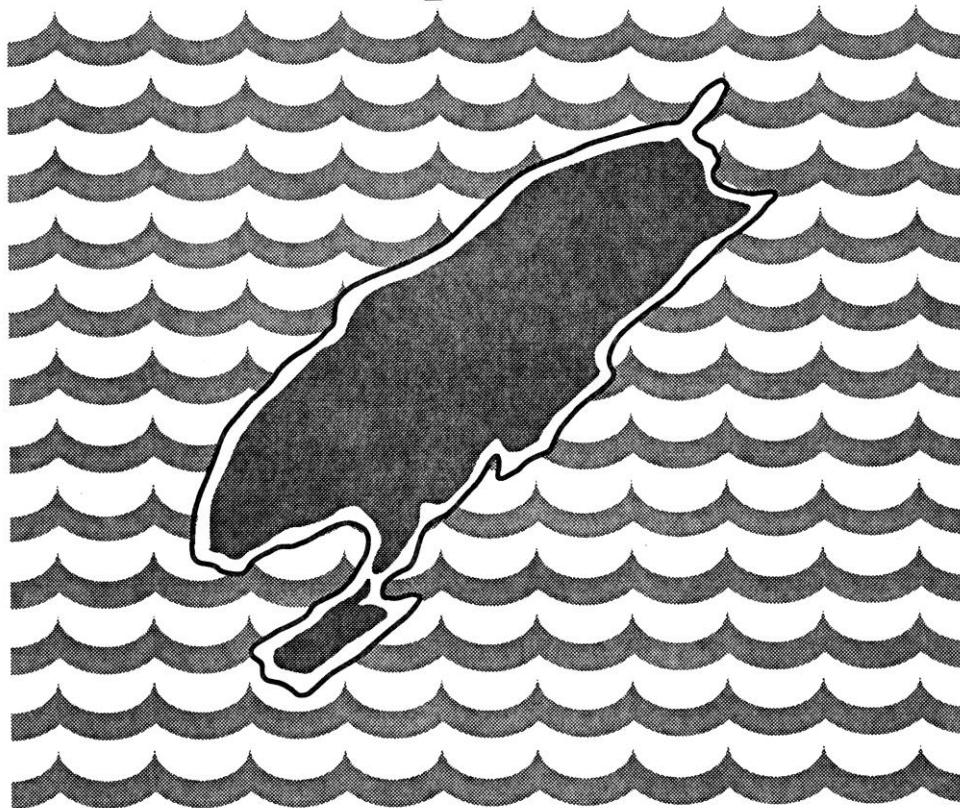
VE2EBK

QRT





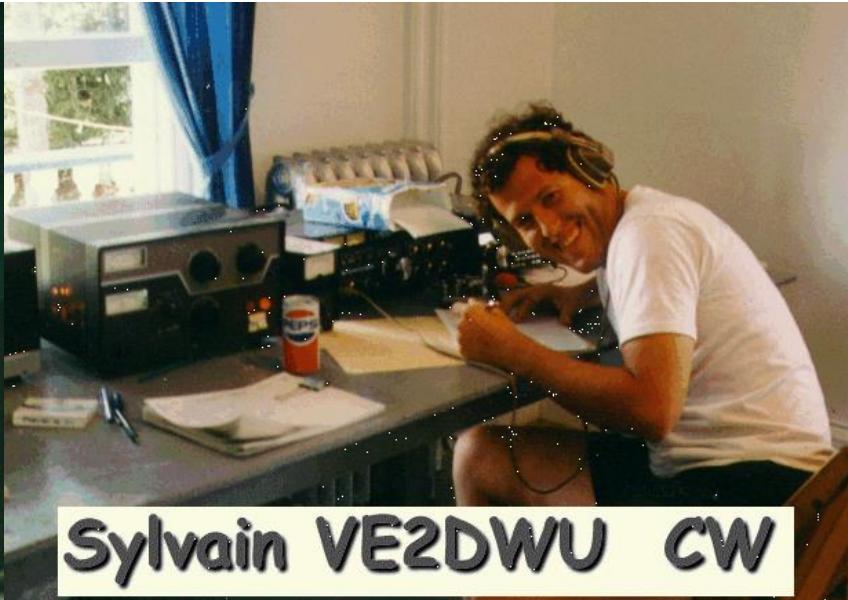
C I Ø G I



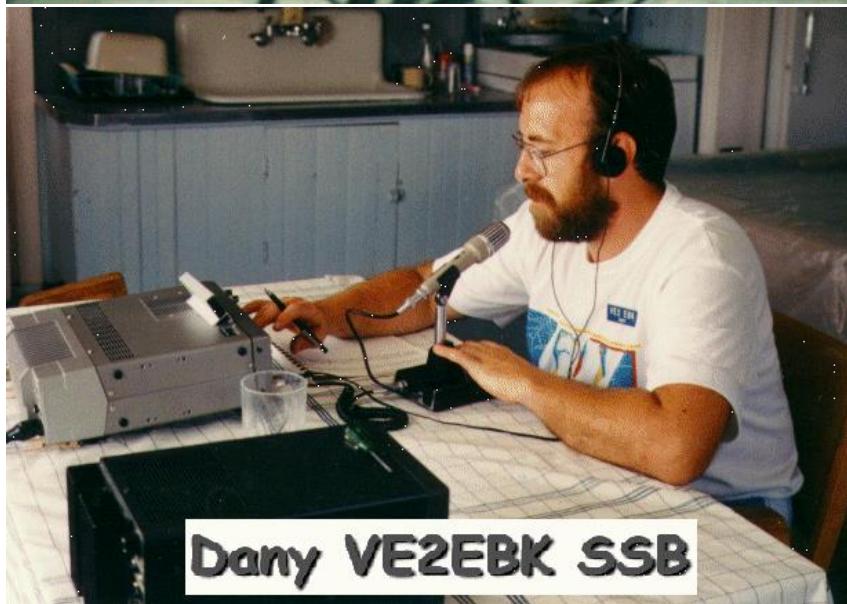
GROUPE D X  
GROSSE-ILE



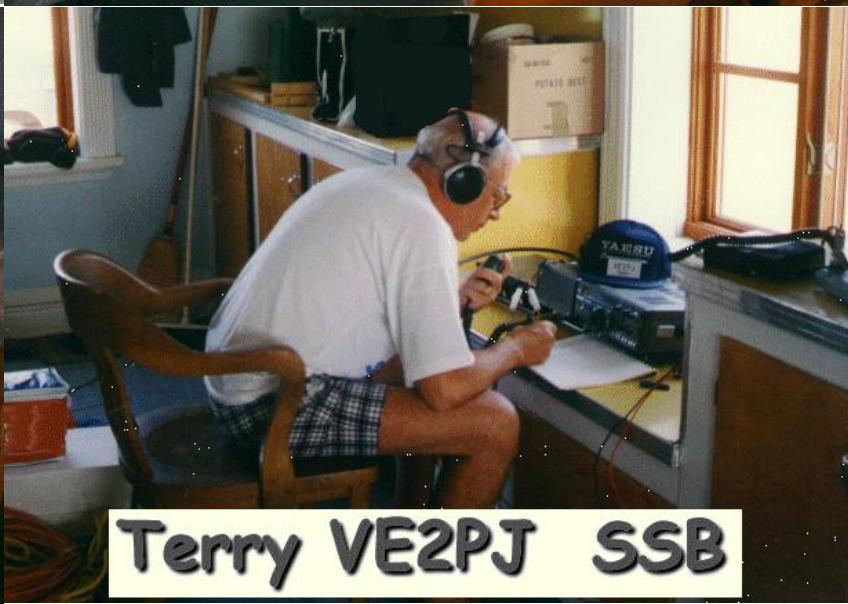
Martin VA2ZO (ex VE2EDK) CW



Sylvain VE2DWU CW



Dany VE2EBK SSB



Terry VE2PJ SSB