



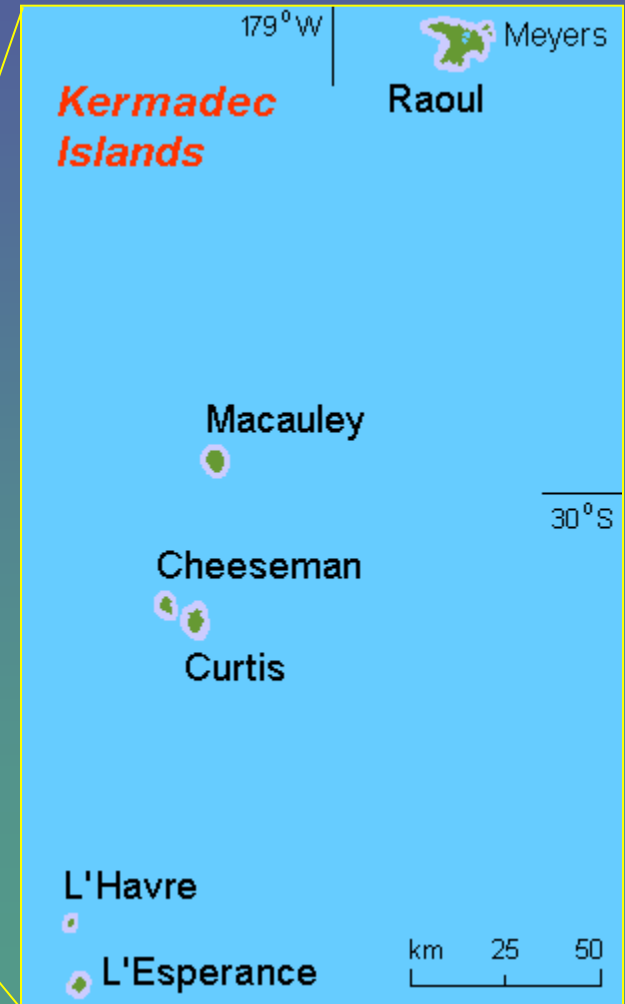
KERMADEC ISLANDS DXPEDITION 2010

The Kermadec Islands

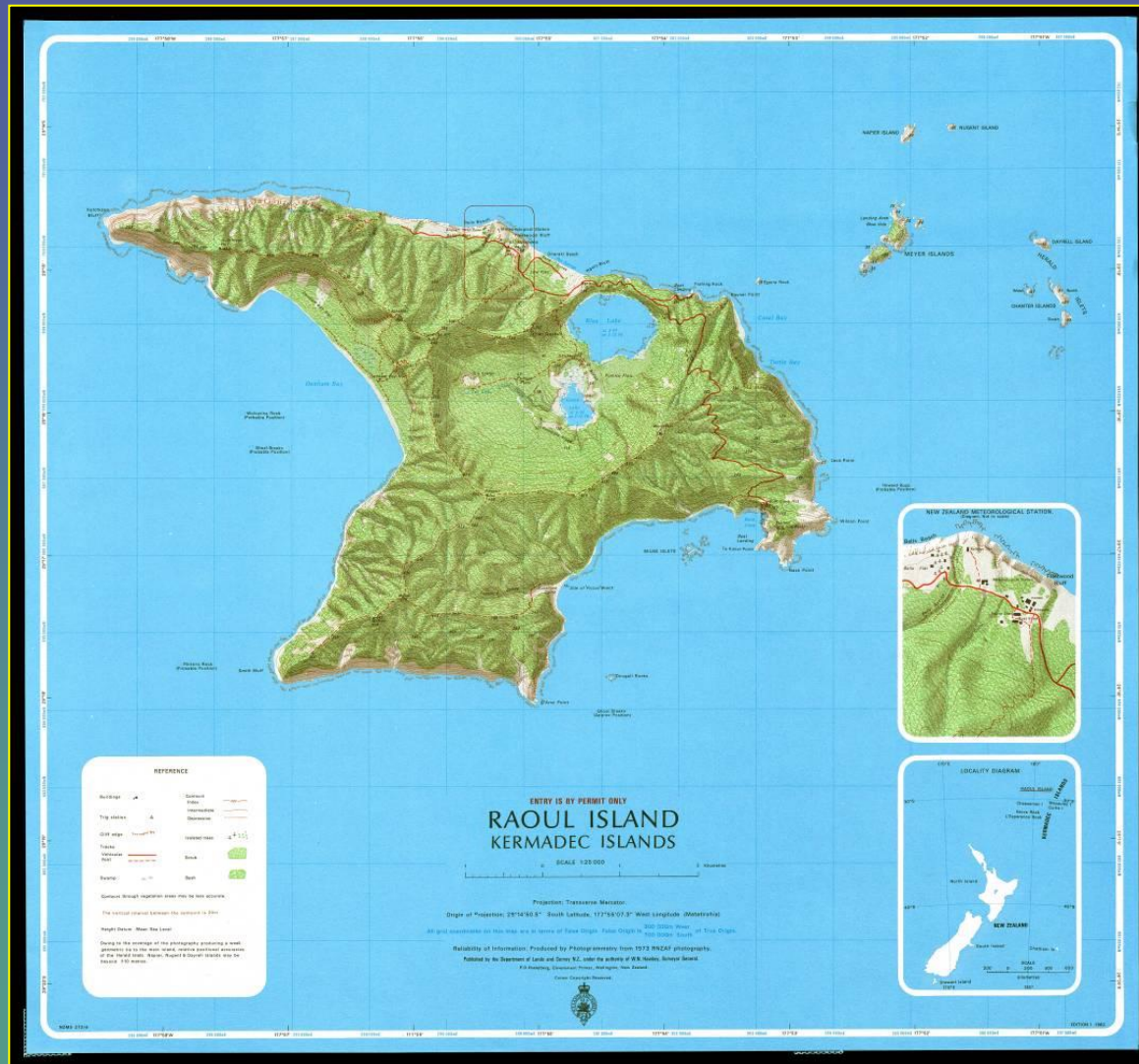
1,100 km northeast of Auckland (ZL1)

1,000 km south of Tonga (A3)

1,400 km west of Norfolk Isl (VK9N)



Raoul Island



The Team



DJ7EO
Markus



SP5XVY
Robert



DJ5IW
Gerd



DL1MGB
Chris



DJ9RR
Heye



DL8OH
Dieter



DL3DXX
Dietmar



DL5LYM
Tom

The Team



DL8LAS Andre



SV2KBS Vicky



DL5XL Felix



DK1II Franz



DL6FBL Ben



DL5CW Andy

Objectives

On the road again after ... VK9DNX, VK9DWX ...

More than 100,000 QSOs

On the air 160 – 6 meters

Extensive RTTY operation

Be successfull on low bands

Give „little pistols“ a chance

Set operating standards for large DXpeditions

CQWW-CW

Challenges

Restrictions by Department of Conversation (DoC)

Volcano & earth quakes

No public transportation to the island



Big eruption in 1964

Challenges

Aurora Oval

JA 8,500 km

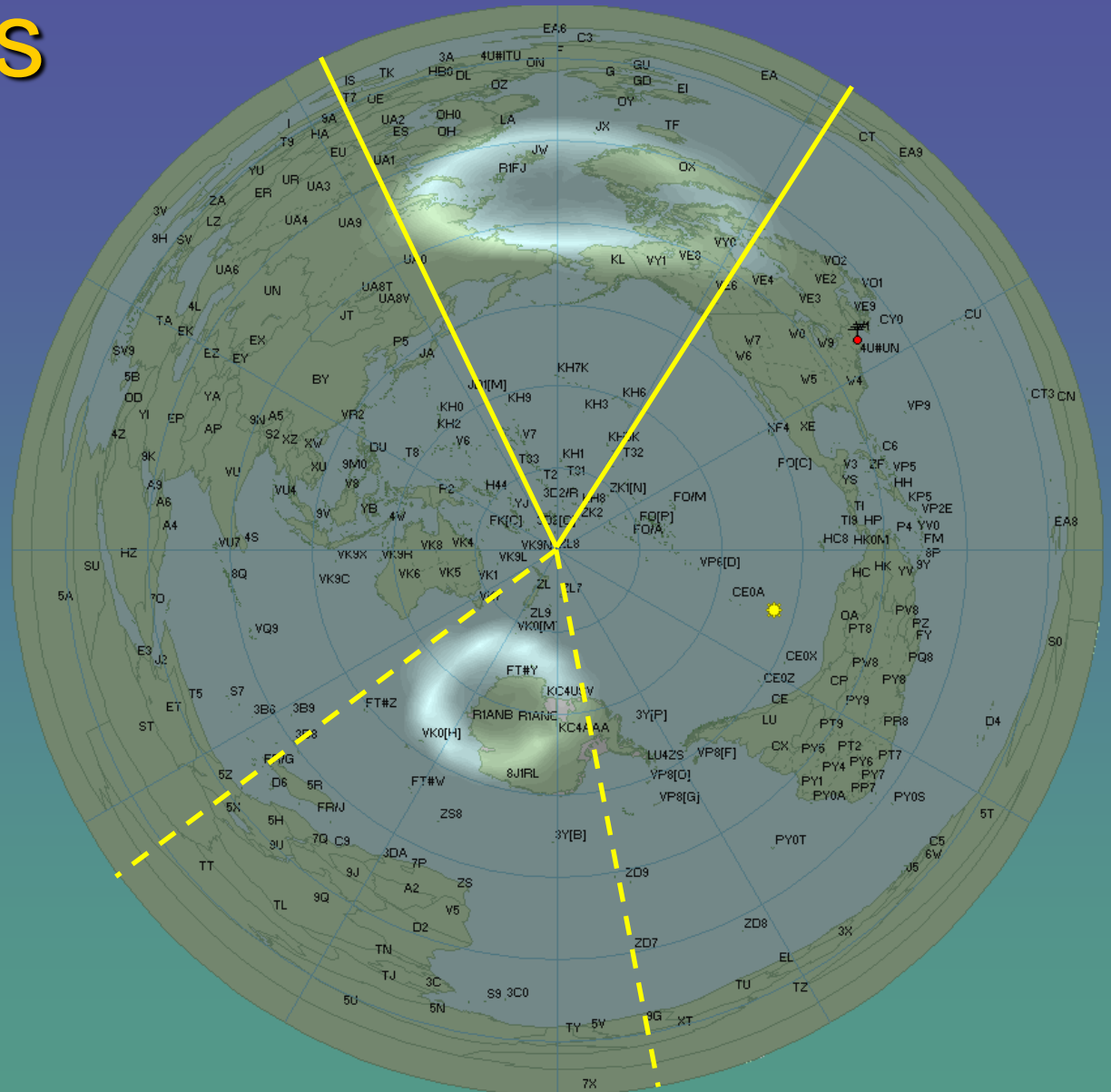
PY1 12,500 km

W1 13,000 km

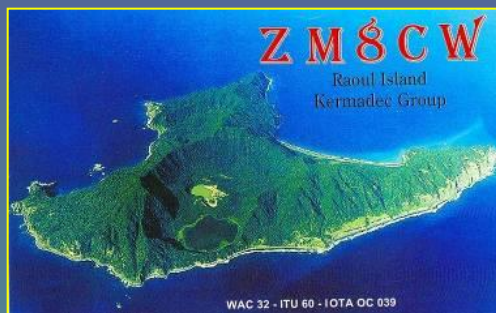
EU 17,000 km

VK2 3,000 km

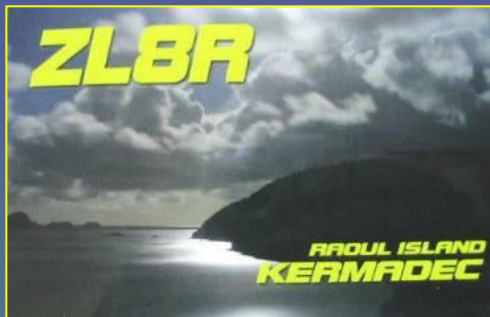
ZL1 1,000 km



Former activities



ZM8CW 2000,2001,2003



ZL8R 2006



ZL8RS 1998



ZL8RI 2002

Preparations

March 2010 Archives by thread

- Messages sorted by: [subject] [author] [date]
- [More info on this list...](#)

Starting: Tue Mar 2 11:45:41 CET 2010

Ending: Wed Mar 24 08:49:30 CET 2010

Messages: 66

- [\[z8\] ZL8X on 600 Metre???](#) Chris DL1MGB
- [\[z8\] ZL8X on 600 Metre???](#) Bernd Och
- [\[z8\] \[Fwd: vkcc\] Digest Number 1572\]](#) Christian Janssen
- [\[z8\] ZL8X de DL6FBL at DL8OH](#) Bernd Och
 - [\[z8\] ZL8X de DL6FBL at DL8OH](#) cjanssen at bndlg.de
- [\[z8\] Fwd: Raoul Island](#) cjanssen at bndlg.de
 - [\[z8\] Fwd: Raoul Island](#) DL8WPX
 - [\[z8\] Fwd: Raoul Island](#) Franz Nieberding
 - [\[z8\] Fwd: Raoul Island](#) DL5CW
- [\[z8\] Order at Elecraft](#) cjanssen at bndlg.de
 - [\[z8\] Order at Elecraft](#) Bernd Och
 - [\[z8\] Order at Elecraft](#) Dietmar Kasper
 - [\[z8\] Order at Elecraft](#) cjanssen at bndlg.de
 - [\[z8\] Order at Elecraft](#) SP5XVY Intrograf
- [\[z8\] Fwd: K3 modification](#) cjanssen at bndlg.de
- [\[z8\] 160m-DXCC](#) cjanssen at bndlg.de
 - [\[z8\] 160m-DXCC](#) Dietmar Kasper
- [\[z8\] Fwd: ZL8X](#) cjanssen at bndlg.de
- [\[z8\] LOGO](#) SP5XVY Intrograf
 - [\[z8\] LOGO](#) Christian Janssen
 - [\[z8\] LOGO](#) DL5CW
 - [\[z8\] LOGO](#) Franz Nieberding
 - [\[z8\] LOGO](#) SP5XVY Intrograf
 - [\[z8\] LOGO](#) Christian Janssen
 - [\[z8\] LOGO](#) SP5XVY Intrograf
 - [\[z8\] LOGO](#) cjanssen at bndlg.de
 - [\[z8\] LOGO](#) SP5XVY Intrograf
 - [\[z8\] LOGO](#) cjanssen at bndlg.de
 - [\[z8\] LOGO](#) SP5XVY Intrograf
 - [\[z8\] LOGO](#) Christian Janssen
 - [\[z8\] LOGO](#) SP5XVY Intrograf

20	EAST3	Stations	12V power cord (K3)
21	SPARE	Stations	12V power cord (K3)
22	SPARE	Stations	12V power cord (K3)
23	WEST1	Stations	12V power supply
24	WEST2	Stations	12V power supply
25	WEST3	Stations	12V power supply + power cord
26	WEST4	Stations	12V power supply + power cord
27	EAST1	Stations	12V power supply + power cord
28	EAST2	Stations	12V power supply + power cord
29	EAST3	Stations	12V power supply
30	CAFE	Stations	12V power supply

Wikipedia (de)

Navigation: Sponsoring Service About Guestbook

Webcam

the ZL8X Book

MGB, June 10th 2011, 15:27

7.06.2011

MGB, June 7th 2011, 20:52

	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
Total	IW	EO	RR	II	MGB	DXC	CW	LYM	XL	FBL	OH	WPX	XVY	CL	II	ZL	Route	Serial number	Comment	Value	Weight	Ship
1					1												Checked baggage	1532				
1										1							Checked baggage	1530	via SAX			
1													1				Checked baggage	1497	via SAX			
1																	Sea freight	2082				
1																	Checked baggage		via SAX			
1																	Checked baggage		Robert			
1					1												Checked baggage		Franz			
1																	Checked baggage		maybe for 6m beacon and spare trx with 2nd RX			
1																	Checked baggage		via SAX			
1																	Checked baggage		on each computer			
1																	Checked baggage		- Screws			
1																	Checked baggage		- remaining parts from assembly			
1																	Checked baggage		- LPA PCBs from DK111			
1																	Checked baggage		- parts ordered from Elecraft			
1																	Checked baggage		via SAX			
1																	Checked baggage		via SAX			
1																	Sea freight					
1																	Checked baggage		via SAX			
1																	Checked baggage		Robert			
1																	Checked baggage		Franz			
1																	Checked baggage		via SAX			
1																	Checked baggage	Z009121	Alinco DM330MVE			
1																	Sea freight	Z001620	Alinco DM330MW			
1																	Sea freight	07804389	SPS 1226			
1																	Sea freight	07005244	SPS 1226			
1																	Sea freight	09A051240	SPS 1226			
1																	Sea freight	09A051250	SPS 1226			
1																	Sea freight	09A051220	SPS 1226			
1																	Sea freight	Z001759	Alinco DM330MW			

Packing sea freight



Flying the new Airbus A380



Welcome Down Under!



Famous MV Braveheart



FT5XO, VP6DX, VP8GEO, VP8ORK, VP8THU, ZL8R, ZL9CI

Braveheart crew



Broughty



Emily & Mat



Richard



Carl



Inspection by DoC

Inspection by DoC



Inspection by DoC



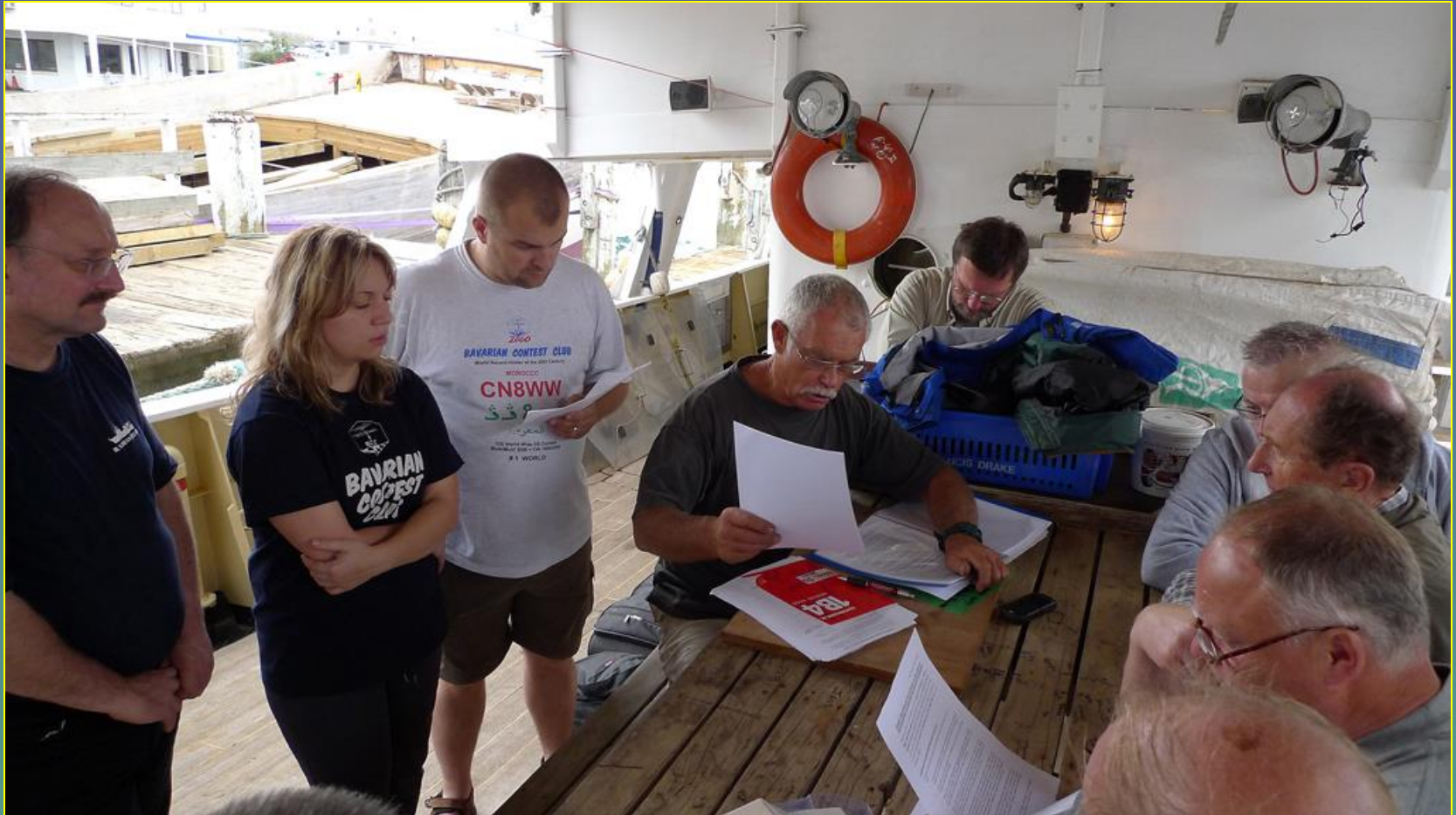
If you want QSOs, give us beer...



Copyright by DL6FBL
(to K3NA before VP6DX)



Briefing



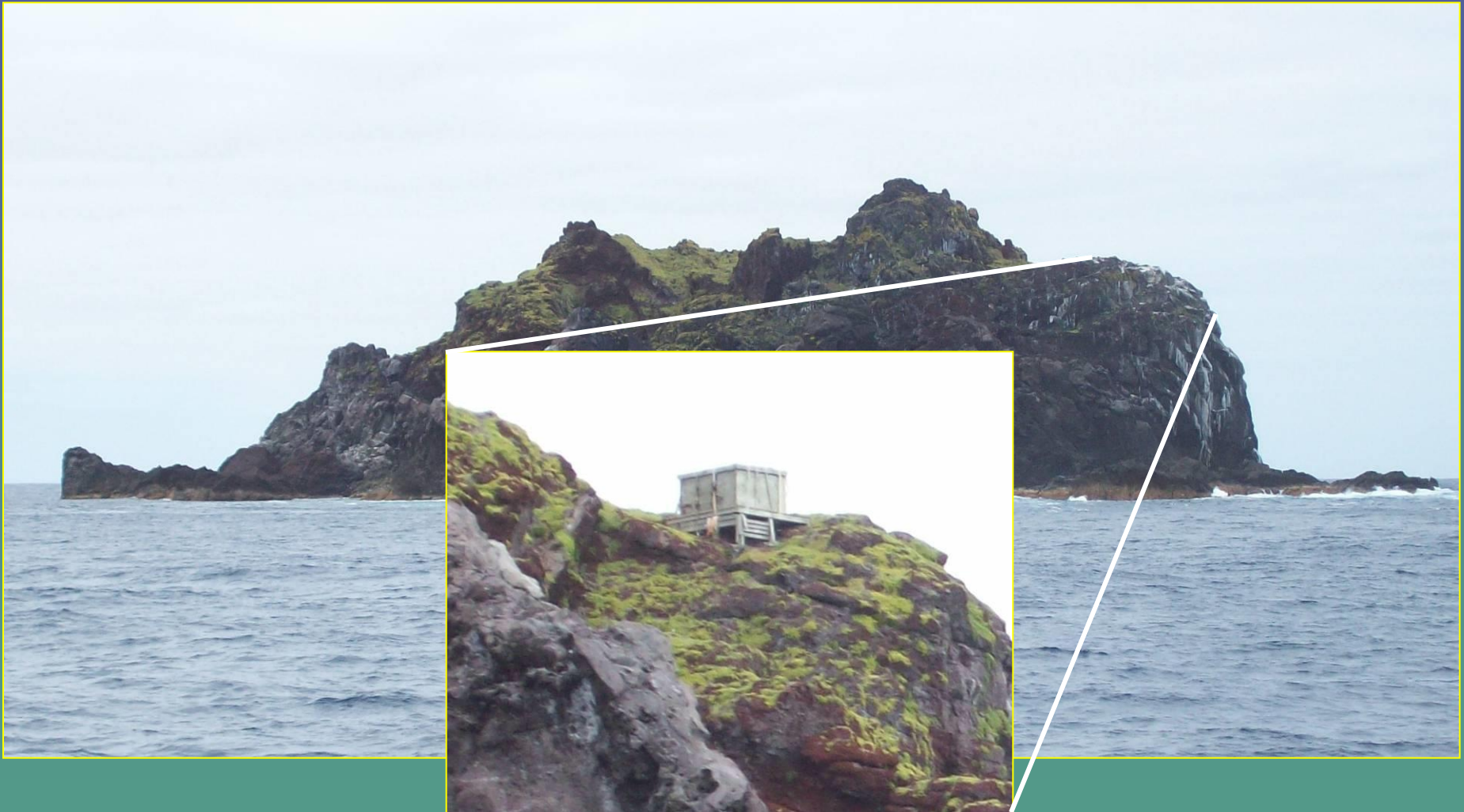
Briefing



On the road



Passing Esperance Rock



Maritime mobile



Arrival



Unloading



Unloading



Unloading



Flying Fox



Flying Fox



Welcome to Raoul Island!



DoC people



Nicki



Jess



Terry



Tim



Maree



Nigel



Toby



Sian

Raoul Island



West
Camp



East
Camp

~ 600m



DoC

Image © 2011 DigitalGlobe

©2010 Google

© 2010, 2011 Team ZL8X
Sichthöhe 1.49 km

East Camp „Woolshed“

- 4 Stations
- Elecraft K3
- ACOM 1000
- Microham MKII

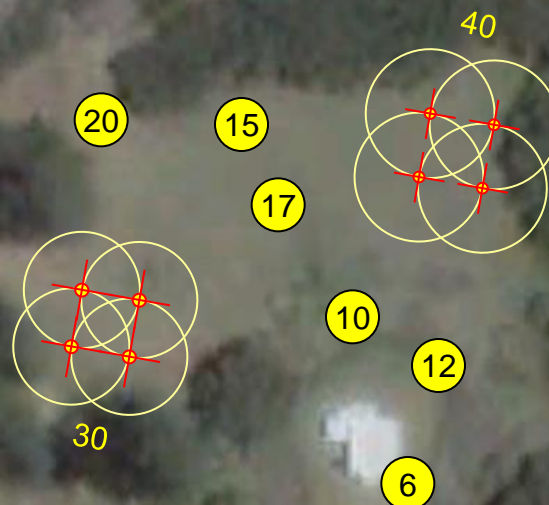
Supervisor PC (+ 50 MHz)
Satellite internet connection
WIFI to West Camp

Kitchen
Cafeteria
Showers
Toilet



EU/JA
330°

NA
50°



80

160m: Titanex V160E
80m: Dipole @ 30m
40m: 4-Square
30m: 4-Square
20m: 3el. Spiderbeam Monobander
17m: 4el. V. Dipole Array
15m: 3el. Spiderbeam Monobander
12m: 4el. V. Dipole Array
10m: 4el. Spiderbeam Monobander
6m: 5ele Yagi

East Camp „Woolshed“

Image © 2011 DigitalGlobe

©2010 Google

© 2010, 2011 Team ZL8X

Sichthöhe 266 m

West Camp „Airstrip“

- 4 Stations
- Elecraft K3
- ACOM 1000
- Microham MKII

WIFI to East Camp
Fridge



EU/JA
330°

NA
50°

80m: 4-Square
40m: 4-Square
30m: 4-Square
20m: 4el. V. Dipole Array
17m: 3el. Spiderbeam Monobander
15m: 4el. V. Dipole Array
12m: 3el. Spiderbeam Monobander
10m: 4el. V. Dipole Array

2-Wire Beverage USA/VK7
2-Wire Beverage EU sp/EU Ip

Two 2-wire beverages

West Camp „Airstrip“

Image © 2011 DigitalGlobe

©2010 Google

© 2010, 2011 Team ZL8X

Sichthöhe 485 m

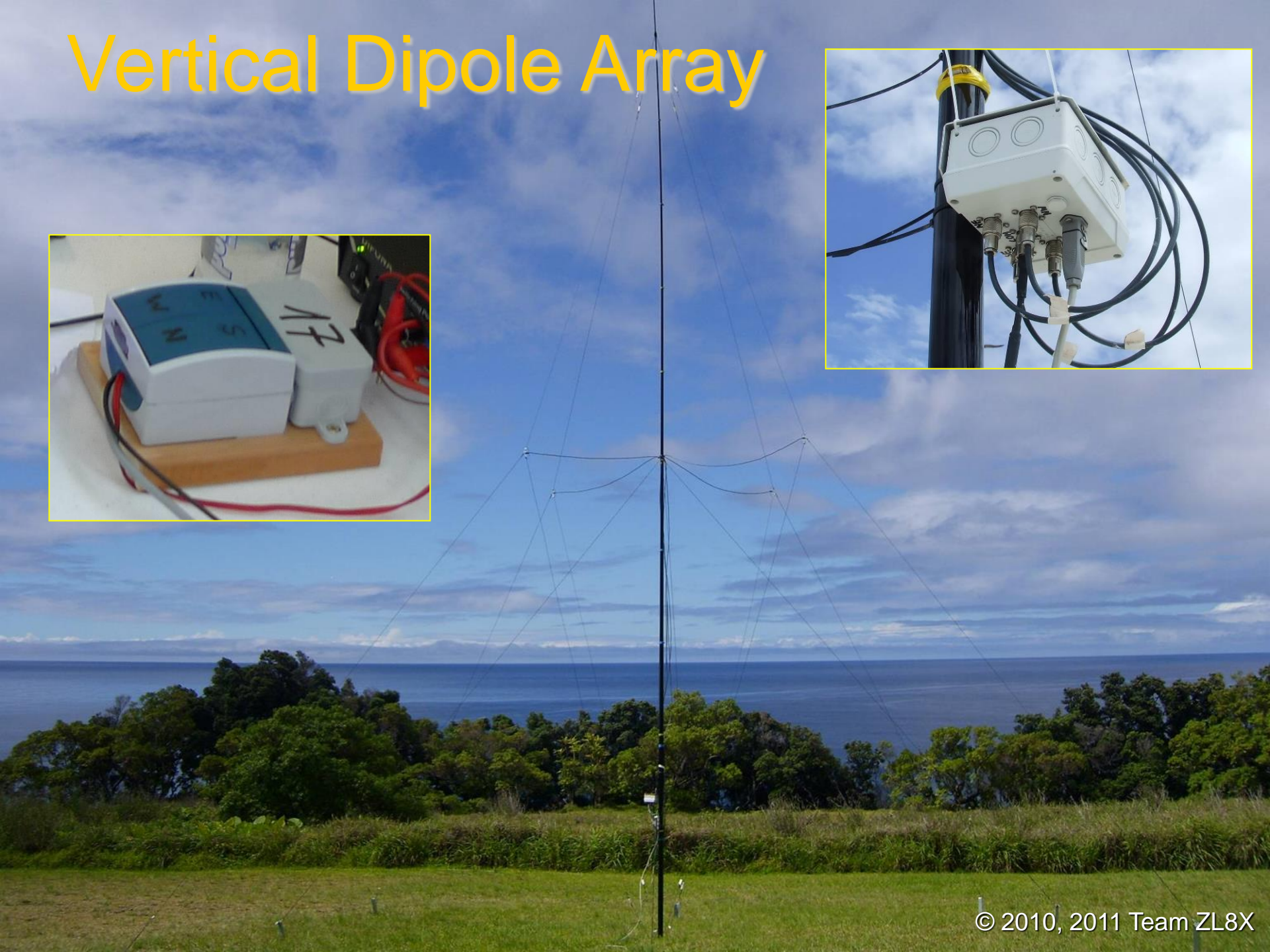
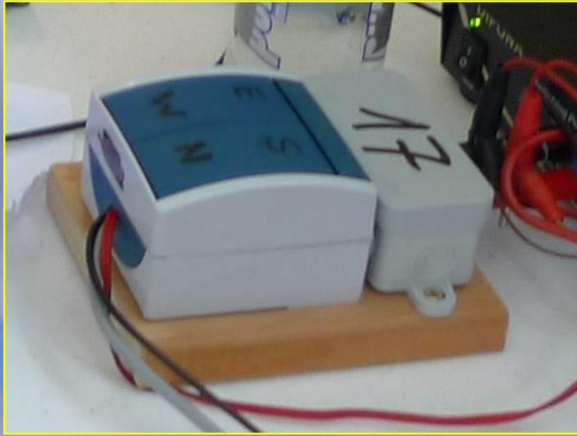
Google Maps doesn't show everything...



Monoband Spiderbeams



Vertical Dipole Array



4-directions beverage system



4-directions beverage system



EU



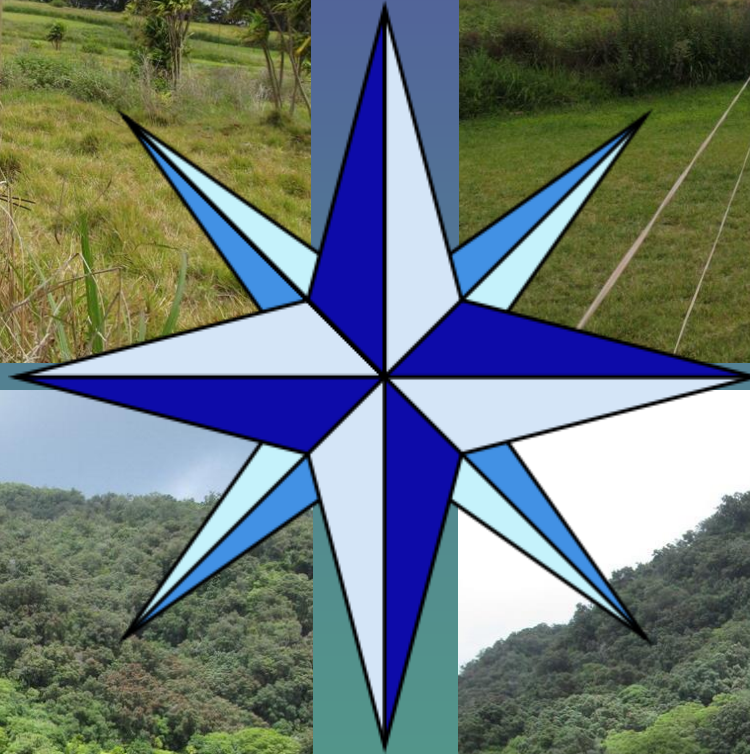
NA



LP NA / ZS



LP EU / SA



4-Squares

80m

40m

30m



Titanex V160



Daily routine



Daily routine



Cooking



Cafeteria

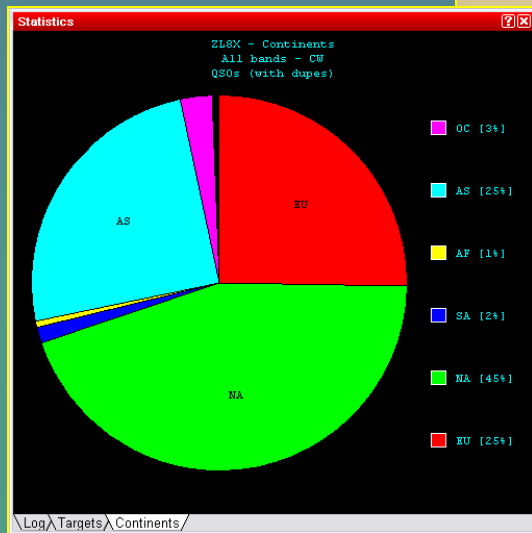


Felix' birthday



CQWW CW M/M - Oceania Record

Summary						
BAND	QSO	CQ	DXC	DUP	POINTS	AVG
160	516	25	46	14	1469	2.85
80	1303	33	95	53	3850	2.95
40	2456	35	122	77	7270	2.96
20	2711	34	127	93	7993	2.95
15	3622	36	134	155	10685	2.95
10	1284	32	77	42	3743	2.92
TOTAL	11892	195	601	434	35010	2.94
FINAL SCORE: 27 867 960						



ARRL 10m contest ?

NEXT WEEKEND !

WT - ARRL-10-MIXED_2010_EAST1@ZL8X.wt4 [EAST1 op: DL6FBL]

File Edit Operating Commands Messages Tools Windows Options Help

Dx-Cluster **Incements** **Rate**

Check multipliers

CW
42 SSB 00:23 JA1UAV 59001
JA: Japan 05141
Az: 326° Lp: 146° SR: 2151z SS: 0746z

Check partial result **N + 1**

JF3SAD JF3SAD

Rate

Band: 10 - Mode: SSB
 Last hour: 42 Q/h
 10 last QSO: 216 Q/h
 100 last QSO: 8 Q/h
 Since 0000z: 42 Q/h
 - 15 last minutes -

Min: 12 Q/h Max: 160 Q/h
 Moving graph computed on 15 mins
 Continental distribution

EU NA SA AF AS OC
 Elapsed time since the last QSO:
 Over 100 h

Time ON: 22 min
 Time OFF: 0 min

Last band changes:
 Run: -
 Mult: -

All bands - All modes
 Time by mult: 7 min 05 sec
 1 QSO counts: 6 Pts
 1 mult counts: 84 Pts
 1 mult worth: 13.9 QSO

SSB TEMPO=170%

QSO	Mode	Time	Callsign	Sent N°	Rcvd
34	SSB	00:21	JR7CJS	59	034 59 001
35	SSB	00:21	JA2JTN	59	035 59 001
36	SSB	00:21	WH6LU	59	036 59 001
37	SSB	00:21	JR4ABB	59	037 59 001
38	SSB	00:22	JA1FF0	59	038 59 001
39	SSB	00:22	JH7QLR	59	039 59 001
40	SSB	00:23	JP1GUW	59	040 59 001
41	SSB	00:23	RW0CF	59	041 59 001
42	SSB	00:23	JA1UAV	59	042 59 001
43	SSB			59	043 59

Summary

MODE	QSO	DUP	DXC	MLTS	POINTS	AVG
CW	0	0	0	0	0	0.00
SSB	42	0	3	0	84	2.00
TOTAL	42	0	3	0	84	2.00

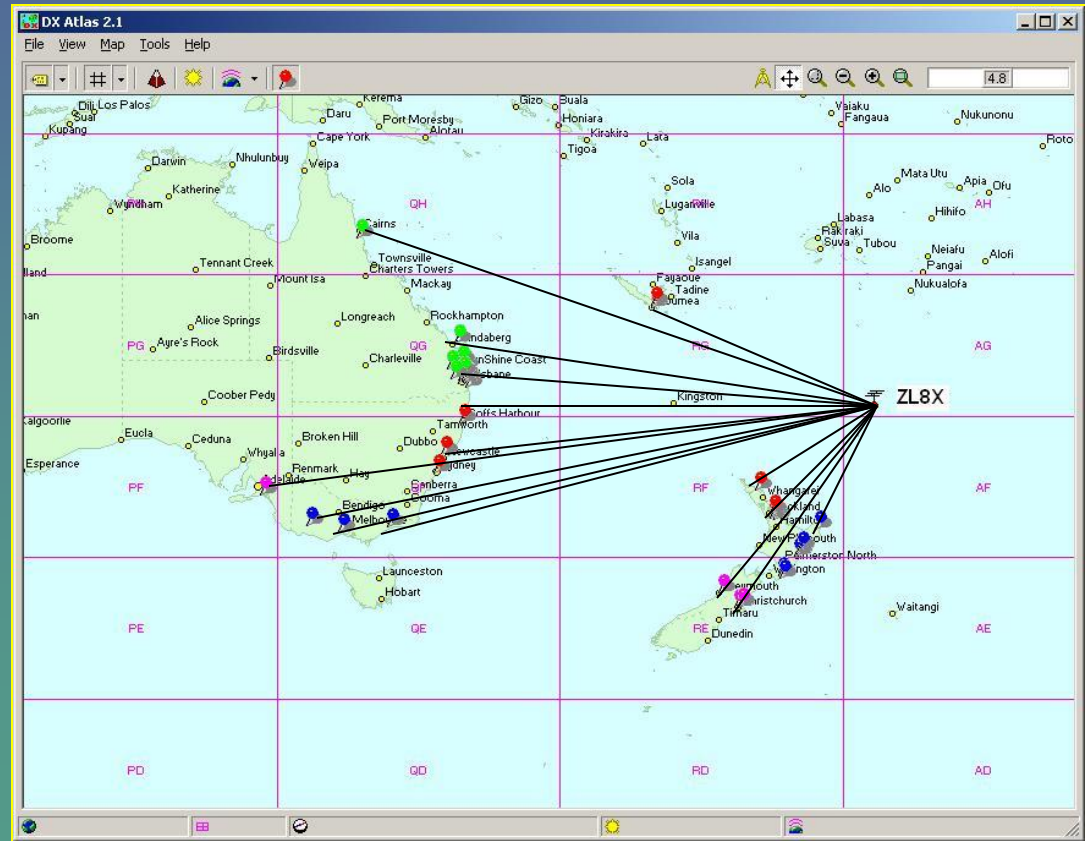
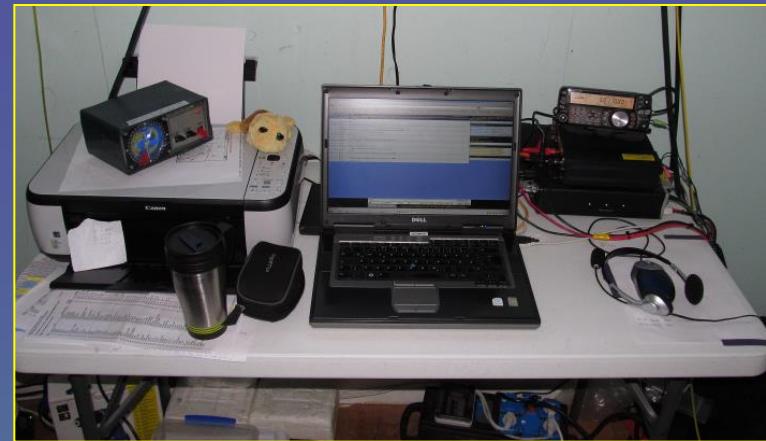
FINAL SCORE: 252

Sent N°	Rcvd
59	034 59 001
59	035 59 001
59	036 59 001
59	037 59 001
59	038 59 001
59	039 59 001
59	040 59 001
59	041 59 001
59	042 59 001
59	043 59

Beer Contest



Magic band



Europe on Topband

Short Path

Sunrise on ZL8: 1645z

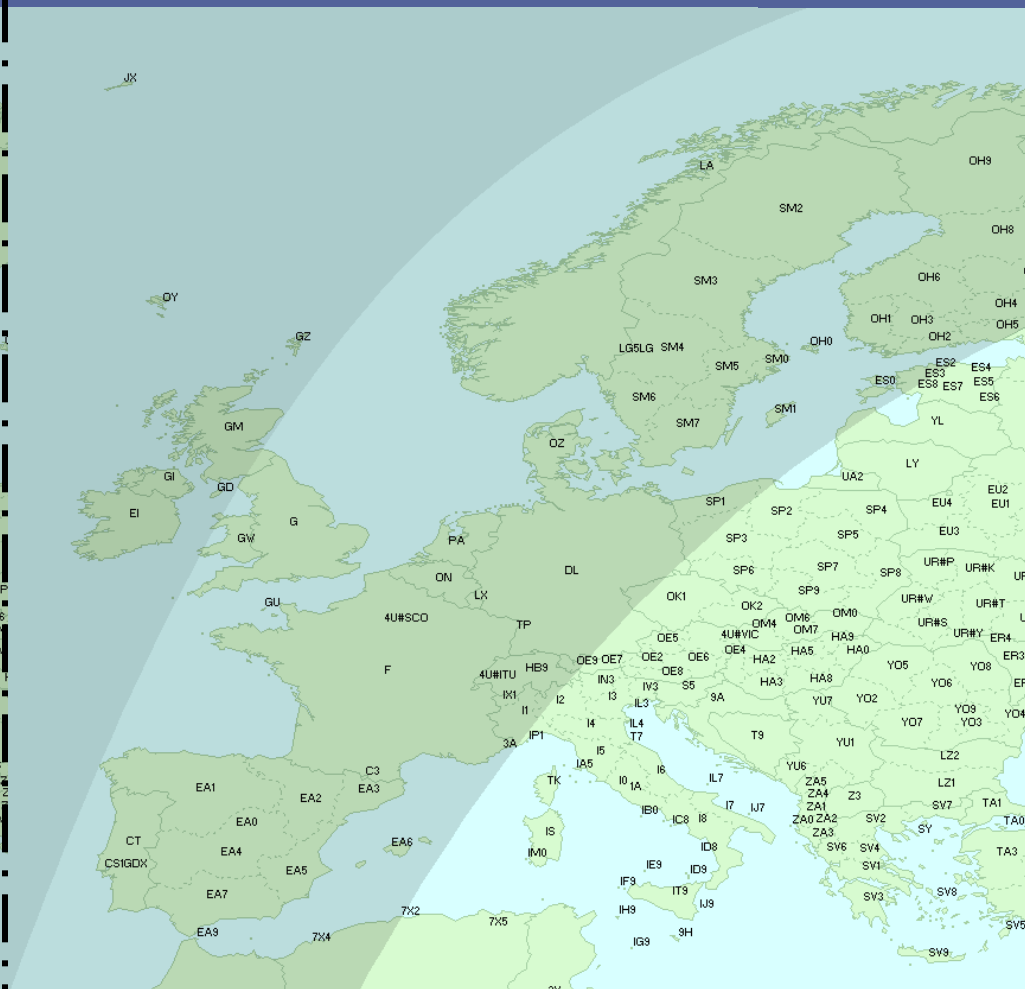
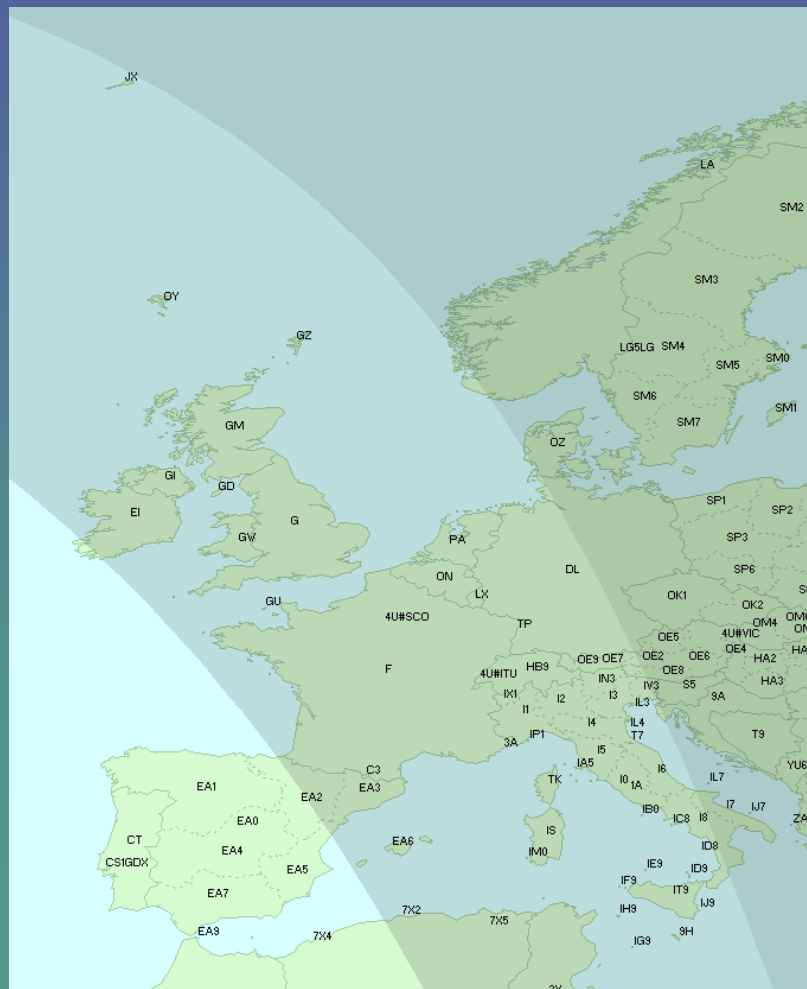
Last QSO 1712z

Long Path

Sunset on ZL8: 0636z

First QSO: 0611z

Last QSO: 0711z

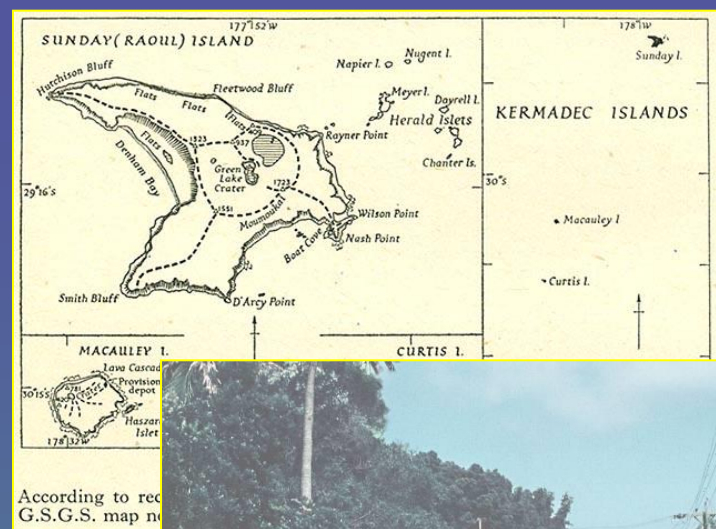


Game over

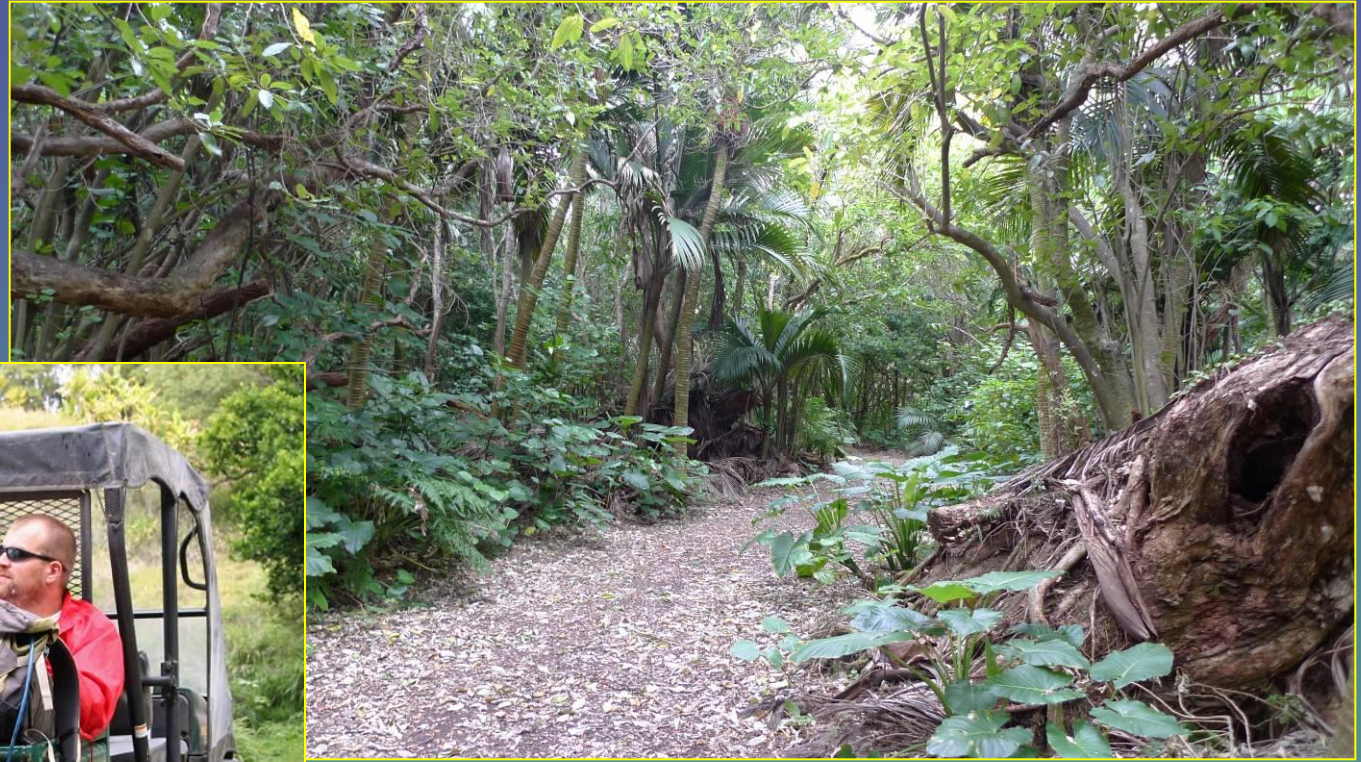


Kermadec history

- 1788 First visit by Lt. Watts and Capt. Sever
- 1793 Named by Admiral d'Estevasteaux
- 1810 - Centre of whaling grounds
- 1860
- 1814 Volcanic eruption
- 1837 Settled by food traders for whalers
- 1845 Evacuated after earthquakes and eruptions
- 1917 German raider „Wolf“ at Denham Bay
- 1938 Permanent radio & met station
- 1990 Marine reserve



Exploring the island



Island trip



IN MEMORY OF
MARK KEARNEY

1973 - 2006

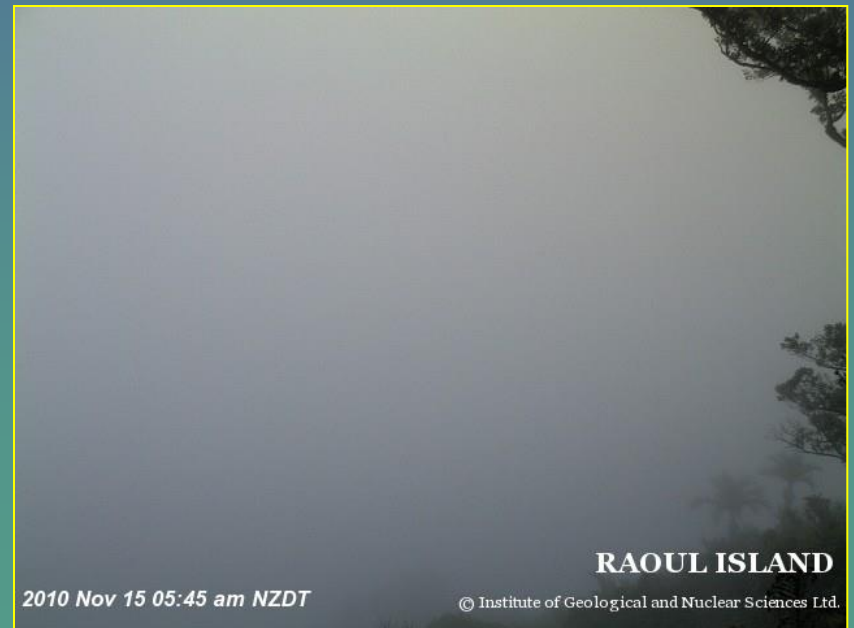
WHO DIED IN THE ERUPTION AT GREEN LAKE ON 17 MARCH.
MARK EMBODIED ALL OF THE FINEST QUALITIES OF THOSE
PEOPLE WHO ARE DRAWN TO LIVE AND WORK ON THIS ISLAND
THAT HE LOVED. MARK TOUCHED THOSE WHO KNEW HIM
THROUGH HIS TOLERANCE, GOOD HUMOUR, KINDNESS,
INGENUITY AND WORK ETHIC.

HE WILL BE REMEMBERED ALWAYS WITH RESPECT & LOVE

PART OF RAOUL ISLAND FOREVER

REST IN PEACE

Webcam



Wildlife



Wildlife



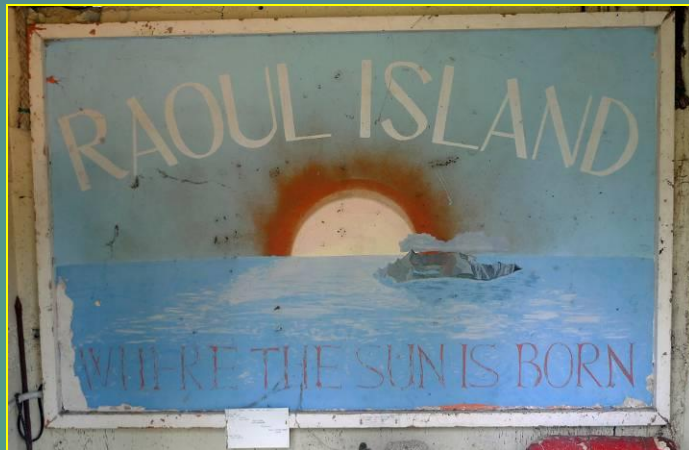
Wildlife



Wildlife



Island museum



Island museum (adults section)



Hard Rock CAFE Raoul Island



Technical Museum

Radio Station



Met Station



Island Brewery



Good bye party



Good bye party



ZL8X 2010



QSO Statistics

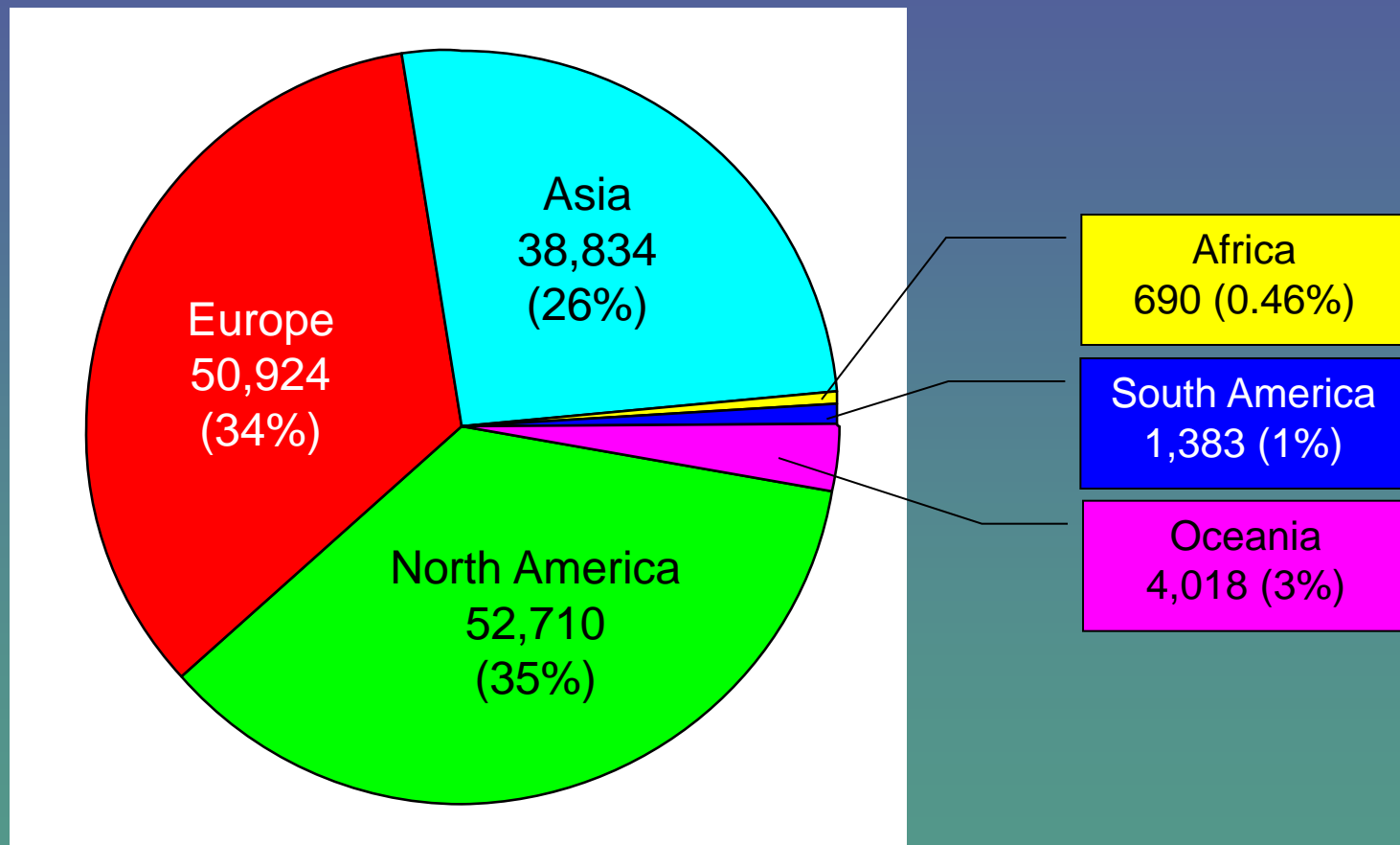
	CW	SSB	RTTY	Band
160m	4,001	205	0	4,206
80m	7,515	2,909	0	10,424
40m	12,586	8,308	2,010	22,904
30m	11,158	0	3,304	14,462
20m	13,243	11,307	3,230	27,780
17m	9,917	8,383	2,644	20,944
15m	14,075	9,288	3,149	26,512
12m	6,013	4,278	1,469	11,760
10m	5,501	2,970	1,035	9,506
6m	24	49	0	73
Mode	84,033	47,697	16,841	148,571

Top DXpeditions

1. VP6DX 183,686
2. D68C 168,722
3. 3B9C 153,113
- 4. ZL8X 148,571**

31,219 Uniques
 6,294 QSOs with Germany
 658 QSOs with Austria
 536 QSOs with HB9/HB0
 6,682 QSOs with Italy

QSO Statistics



Financials

Credit

Team members (14)	99,400 EUR
Individual „donations“ (including direct QSLs!)	34,300 EUR
Club donations	11,500 EUR
After-Expedition sale	2,000 EUR

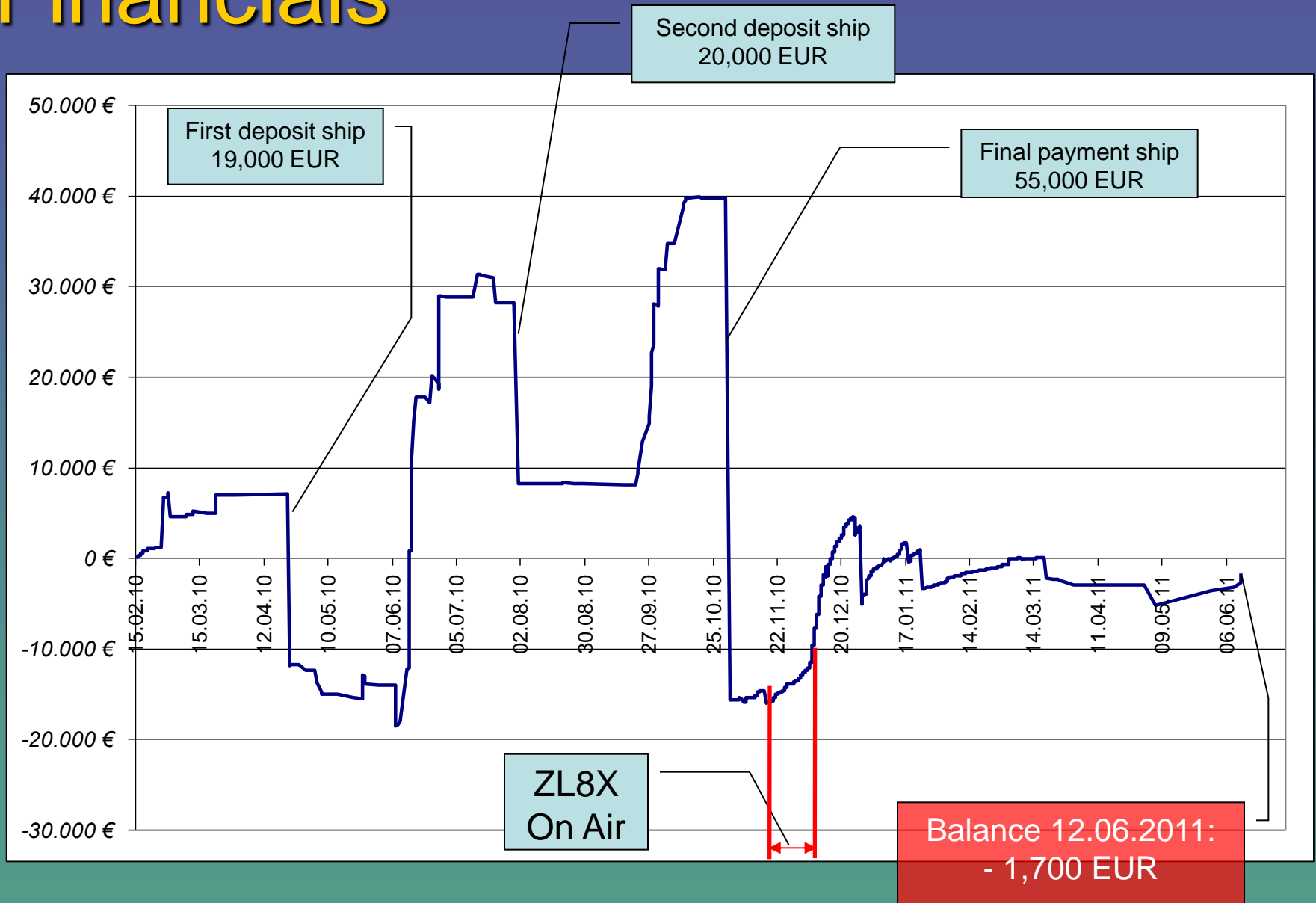
147,200 EUR

Debit

Boat charter	94,000 EUR
Flights/Accodmodation	20,200 EUR
Technical Equipment	14,000 EUR
Permissions/fuel	8,600 EUR
Sea freight	6,500 EUR
Internet	1,100 EUR
QSLs	3,000 EUR
Others	1,500 EUR

148,900 EUR

Financials



QSL

Designed by Stan SQ8X

Managed by Mario DJ2MX

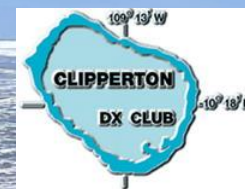




Thank you !

Individual Sponsors:

DJ0QN DJ8NK DK2JW DL6LAU K3CB Gaetano
Cusumano QRO-SHOP DL2OE DJ3WE G3SVD DJ7JC
DF3CB HB9ASZ DK3HV DL4LAM DL8WPX K6HP
VU2PAI N4LZ SM6CVX AF6PK W6SZN OK2SK
WB6MMV SM5AQD SV1JG and many others!



Thank you !

