

WAP

18/06/2004 Special Edition n° 10

W.A.P. Bulletin 167

WWW.DDXC.NET/WAP



4 WAP Not only QSLs!!!

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Editorial

9° WAP Special Edition

By Gianni, I1HYW

Hi Folks,

WAP Special Edition Nr. 10, is an opportunity to see another goal reached by the group of Antarctic enthusiasts who are giving us stimulus and satisfaction to go ahead in spite of the hard work we are doing. Frankly speaking, I have to say to have found great supporters among the WAP followers; people HAMS and not, who are just enjoying to do something together with us, to tell their experiences and share with the readers Antarctic emotions.



Antarctica is not simply a land focused to get an Award, yes this will also come shortly, but Antarctica is first of all a land of peace, study and research, this is what we are inspired by, this is the message we want to spread out. We have celebrated the Antarctic Activity Week, and print over than 7000 cards (professionally printed by IT9EJW), thanks for your participation.

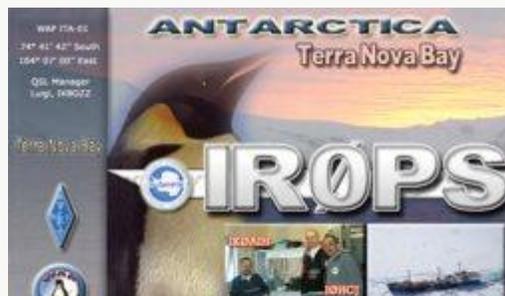
We are working to up date the WAP web site www.ddxc.net/wap (apologies if it takes that much...), thanks to Egidio IZ8BRI, shortly the Antarctic Gallery will be on again on the Dynamic DX Charterhouse www.ddxc.net with some interesting new proposals.

We have just got from the printer (TNX IK1PML always superb and first class printing), the new QSL card for IROPS and now everybody can ask for QSL via IK8OZZ. Next one coming from the printers will be IK7JGQ/MM, IAOPS and KC4/IK7JGQ and this, will be another sign of our presence in the Antarctic scenario.

This is the evidence, and all this comes from our hands, from our passion, from our wish to stay present.

We are proud to be a group, and this group is going to be enlarged as shown by the messages coming from all over the world and we say: *Thanks a lot guys, we appreciate it!*

WAP project is taking off, enthusiasm is strong enough! Thanks to Prof. Carlo Raso IK2IWU and the Cairol Institute Headmaster, next week we will be sitting beside some Antarctic Scientists at the University of Varese in Northern Italy, to speak about Antarctica.



The researchers from ENEA-PNRA will tell the students about last Expedition to the Italian Base at Terra Nova Bay (TNX Mrs. Adele Irianni of the PNRA Thanks to the ENEA representative Dr. Andrea Pellegrini and Major Angelo Romito from the Italian Air Force).

We have to talk about Hams, Radio and Antarctic DX, as well as our Worldwide Antarctic Program. It is the first acknowledgement of our efforts and of course we are more than happy!

Thanks to you all, thanks for supporting us!

SPECIAL NOTES

W.A.P. Bulletin Special Edition

is a free distribution Edited by Egi, IZ8BRI.
W.A.P. Worldwide Antarctic Program
Antarctic and Sub-Antarctic News

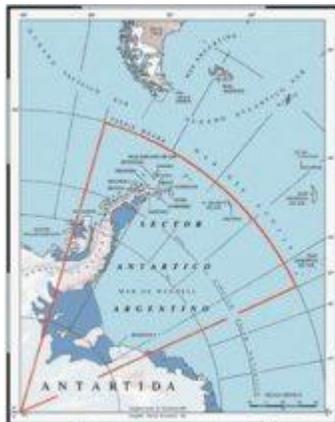
Bases, Activities and Informations for Amateur Radio Stations
and Antarctic Enthusiasts Bulletin nr. 167
(April 2004)

Edited by Gianni Varetto I1HYW, Massimo Balsamo IK1GPG, Betty
Sciolla IK1QFM WEB Page : <http://www.ddxc.net/wap> or
<http://www.ddxc.net>

Others Antarctic WEB Pages with our WAP Bulletin
<http://www.ddxc.net> <http://qsl.net/f5nod>

NEWS ANTARCTIC DX

by
iK1GPG



LU1ZA (ARG-17) NAVY ORCADAS - Laurie Island Martin LU5DO, medical doctor at the base, will be active until March 2005.

QSL —> LU4DXU (Horacio E.Ledo, P.O.Box 22, 1640 Martinez, BA, Argentina)
E-mail: lu4dxu@hotmail.com
WEB pages:

<http://www.qsl.net/lu8adx/antartida/antartida.htm>

LU4ZS (ARG-23) VICECOMODORO MARAMBIO - Marambio Island (Seymour Island)
Operator is active now.

QSL —> LU4DXU (Horacio E.Ledo, P.O.Box 22, 1640 Martinez, BA, Argentina)
E-mail: lu4dxu@hotmail.com

WEB pages: <http://www.qsl.net/lu8adx/antartida/antartida.htm>

Last spots in the Packet Cluster:

I1HYW 14290.0 LU4ZS Marambio Base
WAP ARG-23 1931 24 Apr 2004

VK0DX (AUS-06) ANARE DAVIS - Ingrid Christensen Coast
Finn (VK4LL-OZ2QK) is active from 18 November 2003 and until December 2004.

QSL —> VK0DX (Finn Olsen, P.O.Box 1544, Brisbane 4001, Australia)

E-mail: vk0dx@hotmail.com

WEB pages: <http://www.qsl.net/vk0dx/>

Last spots in the Packet Cluster:

SM5FUG 24905.0 VK0DX
0743 25 Apr 2004
DF2PY 14181.0 VK0DX Davis-
base/Antarctica 0657 09 May 2004
K6TA

10117.0 VK0DX
1336 18 May
2004
W5WQN
7007.0 VK0DX
1009 24 May
2004



VP8SGB (GBR-03) STATION

"BI" BIRD ISLAND - South Georgia Islands
Alex is active from 12 May 2004.

Way, Scone,
Perthshire PH2 6SP
Scotland, UK).

<http://www.gm0hcq.com>

E-mail: gm0hcq@qsl.net

8J1RL (JAP-04) NIPR SYOWA - East Ongul Island
Shiba san is active now.

QSL —> JA QSL

Bureau

WEB pg:

http://www.jarl.or.jp/English/4_Library/A-4-7_8j1rl/2002/frame.htm

Last spots in the Packet Cluster:

JJ8HOA 21028.1 8J1RL

0914 15 May 2004

DL1IAQ 21026.0 8J1RL cq cq, vy weak

1252 19 May 2004

HF0POL (POL-02) HENRYK ARCTOWSKI - King George Island

Andy is active now.

(<http://www.qsl.net/hf0pol> or

<http://qtc.radio.org.pl>)

QSL —> SP2GOW (Andrzej Grotha, ul Mikolaja

Gomolki 5 m 1, 80-279 Gdansk Poland)

Last spots in the Packet Cluster:

OK1MG

10102.0 HF0POL

2224 26 Apr 2004

9A5Y 10106.0

HF0POL via sp2gow 1938 01

May 2004

UA9CR 10118.0 HF0POL UP5

2004 03 May 2004

PY4AST 14021.1 HF0POL CQ

1814 14 May 2004

JA3FYC 10105.0 HF0POL

2043 20 May 2004

HFOQF (POL-02) HENRYK ARCTOWSKI - King George Island

Voytek SP5QF is active now and until December 2004.

(<http://www.qsl.net/hf0pol> or

<http://qtc.radio.org.pl>)

QSL —> SP7IWA (Wanda Jakubowska, Ul.Dewonska 14/3, 25-637 Kielce, Poland)



I1HYW 14195.9 HF0QF Antarctica WAP
 POL-02 1923 29 Apr 2004
 DM2DXA 18157.0 HF0QF South Shetland
 Isl. 1831 03 May 2004
 EA3KN 14190.0 HF0QF UP 3 QSL-
 >SP7IWA 1921 16 May 2004
 IZ2DPX 21273.0 HF0QF
 1544 19 May 2004
 PY3SB 3791.0 HF0QF south shetland
 0219 23 May
 2004

CE9/R1ANF

(RCH-06)
 JULIO RIPA-
 MONTI -
 Ardley Bay,
 King George
 Island



Oleg is active now.

QSL —> RK1PWA (Nick Shapkin, P.O.Box 73,
 164744 Amderma, Arkhangelskaja,
 Russia).

Last spots in the Packet Cluster:

I4EAT 21071.9 CE9/R1ANF
 1805 15 May 2004

R1ANF (RUS-01) SAAM BELLINGSHAUSEN -
 King George Island

Oleg UA1PBA, Slava UA1PAI and Aleksei UA1PAW
 are active now.

QSL —> RK1PWA (Nick Shapkin, P.O.Box 73,
 164744 Amderma, Arkhangelskaja, Russia).

Last spots in the Packet Cluster:

IK7YTU 21008.0 R1ANF
 1451 29 Apr 2004
 S52CA 21008.0 R1ANF
 1628 04 May 2004
 UA3DJY 14017.6 R1ANF
 1810 07 May 2004

EM1HO (UKR-01) ACADEMICIAN VERNADSKY
 BASE - Galindez Island

Paul UX2HO is active now.

QSL —> I2PJA (Antonio Petroncari, Via Enzo
 Togni 87, I-27043 Broni, Pavia Italy).

E-mail: em1ho@usa.net

Last spots in the Packet Cluster:

KQ7W 18073.9 EM1HO
 1429 27 Apr 2004
 JK3DGX 18072.9 EM1HO
 1734 02 May 2004
 9A8A 24901.0 EM1HO
 1446 04 May 2004
 HA0HW 10108.9 EM1HO QSL> I2PJA
 2006 05 May 2004
 DJ4EY 7003.0 EM1HO Antarctic
 1100 11 May 2004
 UA4HN 21070.1 EM1HO PSK31 ANTARC-
 TICA 1354 14 May 2004
 IN3BFW 14070.0 EM1HO Paul Antarctica

VE9DX 7070.0 EM1HO Paul PSK31
 0637 27 May 2004

KC4AAA (USA-37) USN MARS AMUNDSEN-
 SCOTT - South Pole

Operator is active now.

QSL —> K1IED (Larry F.Skilton, 72 Brook Street,
 South Windsor, CT-06074,
 U.S.A.).

<http://mitglied.lycos.de/mapu2001/nsf.html>

E-mail: k1ied@cox.net

ANTARCTIC CONFERENCE, organized by the
 Cairoli Institute of Varese (Italy)

Next June 3rd, from 9:00 to 13:00 local time, at
 the Insubria University of Varese, there will be
 an Antarctic Conference, organized by the
 Cairoli Technical Institute of Varese City, one
 of the most important Scientific Centres in
 Northern Italy.

Thanks to the ENEA P.N.R.A. (Italian Program of
 Antarctic Research) several reporters will attend
 the conference, and in particular:

Dr. Andrea PELLEGRINI (ENEA), responsible
 of the research program "Osservatorio
 Meteorologico Antartico". Physics graduat-
 ed, he has participated to the last 6 Italian
 expeditions in Antarctica, doing deep studies of
 meteorology and physics of the atmosphere,
 since 1985.

Major Angelo ROMITO of the Meteorological
 Service by the Italian Air Force,
 has taken part to several previous Italian
 Expeditions in Antarctica as expert in meteorolo-
 gy and responsible of the Meteorological
 bureau at the Italian Base at Baia Terra Nova.
 The ENEA representative Dr. Andrea Pellegrini
 will talk about the 19th Italian scientific expe-
 dition in Antarctica, while Majr. Angelo Romito
 will speak about meteorological studies.

Gianni Varetto I1HYW, will report about
 radio communications among the Antarctic scien-
 tific expedition, such as the Antarctic Treaty,
 showing the presence of Radio Amateurs active
 from the several Antarctic Bases, and the interest
 of the radio communication among the whole
 World Wide Ham community **Dr. Egidio Settimio
 IZ8BRI**, will speak about Internet and Antartica,
 how the images will reach our Personal
 Computers and the new techniques of multime-
 dia communications. He will then show our WAP
 (Worldwide Antarctic Program)
 Web Site www.ddxc.net/wap, and how it works
 among the Worldwide Antarctic
 enthusiasts.

Prof. Carlo Raso IK2IWU, will be Conference
 Master of the entire day.

DISCOVERING ANTARCTICA

By Gianni Varetto I1HYW

Thanks to Eddy De Busschere, one of our supporters, we



are happy to publish in this issue, a great happening, lived by the author, who was travelling in Antarctica, and visited several different Bases and Stations as reported below.

Is really a piece of history, one of the very best articles

ever written so far on the [WAP \(Worldwide Antarctic program\)](#) web site.

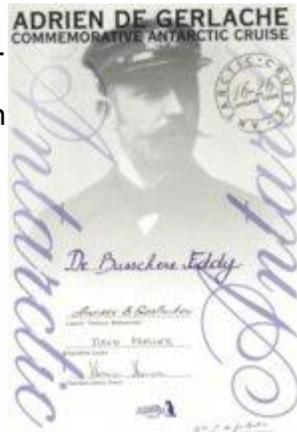
We are grateful to Dr. Eddy De Busschere, for allowing us to publish his experience between History and Philately, and to share it among the [WAP](#) readers.

ADRIEN de GERLACHE, COMMEMORATIVE ANTARCTIC CRUISE

A historical expedition cruise on board *M/S Multanovskiy*

By Eddy De Busschere

The picture on the left, shows a Special Certificate signed by the captain, expedition leader, cruise leader and Baron Gaston de Gerlache, given to each participant.



Exactly one hundred years after Adrien de Gerlache de Gomery a group of 48 Belgian and 5 Dutch passengers sailed from Ushuaia on board the Russian oceanographic vessel *M/S Multanovskiy*, built in Finland in 1983 and refitted for Antarctic tourism in 1997.

Registered in St.-Petersburg the ship displaces 2140 tonnes, has a length of 71,60 m and is carrying 3 zodiacs. The ship proved to be ideal for our expedition cruise. Experienced officers and staff did their utmost to make the cruise a success. I especially appreciated the « open bridge » policy which enabled us to spend a great deal of the time on the bridge picking up much on navigation in Antarctic waters from the helpfull Russian crew under the command of Captain Andrey Gostnikov from Odessa and previously serving as 1st Officer on the Ice-breaker *Kapitan Khelibnikov*.

The cruise was organised by Herman Hannon of ASTERIA ANTARCTICA Brussels. Dr. Jozef Verlinden and myself (both PPHSGB members) were very much involved in the preparation of the cruise. As lecturers we were joined by naturalist Prof. Louis Beyens of the RUCA University Antwerp who has been doing a lot of research in the polar regions and being specialised in Arctic and Antarctic flora and fauna. Our special guest of honour was the 79 years old Baron Gaston de Gerlache, son of Adrien de Gerlache and leader of the Belgian 1957-59 ICY Antarctic expedition at King Baudouin Base

Our flight took us from Brussels to Madrid and then to Buenos Aires where we stayed 2 days, giving us the opportunity to visit the museum vessel *Corvette Uruguay* used for the search and rescue of the Swedish *Nordenskjold* expedition and his ship « *Antarctic* » in 1903.

Other museums with an Antarctic display were closed because of the holiday season, but we managed to pay a visit to the Argentine Antarctic Institute with an impressive Antarctic library and of course we stocked up with Antarctic theme stamps at the head post office for the cover service. The temperature in Ushuaia was more bearable than the 32° C in the federal capital, but with only one overnight stay at the Glacier hotel the time was too short to explore Tierra del Fuego and visits were limited to the Maritime Museum and the End of the World museum.

The cruise was to be a great success in all ways, but in this article I will limit myself mostly to the philatelic and historical aspects of the trip. Through the Beagle channel we entered the Drake Passage and our first night in a « moving » bed was not too uncomfortable as the sea was relatively calm. After a crossing of about 50 hours my first sighting of Antarctica (Nelson Island) was on JAN 18 at 11.55 pm.

The next morning we anchored off the Polish Base **ARC-TOWSKI** (named after Henryk Arctowski, geologist of the BELGICA expedition) situated in Admiralty Bay, King George Island where we were prepared a warm welcome by Dr. Anna Kidawa, base leader, and Prof. Stanislaw Rakusa-Suszczewski, head of the Polish Antarctic Academy. After the Polish champagne and hot soup we visited the new buildings, hangars and greenhouse guided by the Hungarian guest scientist Nagy Balazs. It was possible to send post from the base. For US \$ 1.00 the covers received either a Polish stamp and base postmark for shipping to Poland via the next supply ship or scientist flying back, or a Chilean postage stamp for a much quicker delivery via the next helicopter flight to the nearby **Chilean Eduardo Frei Base**.

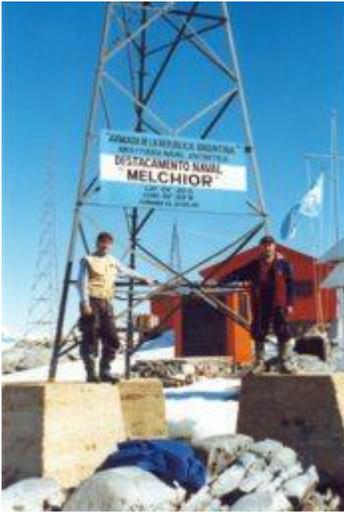
In the afternoon the ship entered Maxwell Bay and under a constant drizzle there was a possibility to visit the Chilean Eduardo Frei Base and the Russian **Bellingshausen Base**.

Most passengers took the first zodiac back after a visit to the post office especially opened for us and where a friendly clerk postmarked the numerous

greeting cards to family and relatives. I needed all the available time to have a chat with Victor Karasev, radio operator and postal officer at Bellingshausen, a brief visit to the Chilean base with air strip, school and hotel and the 4 x 4 base vehicle offered us an unique opportunity to drive to the **Chinese Great Wall Station** where Zhu Jian Gang, computer engineer and base leader gave us the opportunity to cancel some mail and put some cachets on our covers.

Our special polar clothing prevented us from becoming cold and wet and we were just in time to catch the last zodiac bringing back the Russian base members having been invited for a meal on board *M/S Multanovskiy*.





The next landfall was made on JAN 20 at Hannah Point on Livingstone Island. Abundant wildlife here : southern elephant seals, weddell seals, chinstrap penguins, macaroni penguins, gentoo penguins and lots of petrels and snowy sheatbills. In the afternoon we entered Neptune's below for a most spectacular visit to Deception Island, and despite periodic eruptions is Port Foster one of the safest natural harbors in the world. The M/S World

Discoverer was taking our landing place at Whalers' Bay and we first visited Telefon Bay to climb the rim of a crater and at Pendulum cove some of us could not resist taking a bath in the thermally heated waters. I was more interested in the nearby remains of the **Chilean Pedro Aguirre Cerda Base** destroyed by a volcanic eruption in 1967. At Whalers' Bay the remains of Biscoe House, the old whaling station, the BAS station and the wingless BAS aircraft proved to be a popular subject for photographing. At the opposite side of Port Foster we spotted the red buildings of the **Argentine « Deception Station »** and the **Spanish summer Base « Gabriel de Castilla »**.

One of the highlights of the cruise was planned to be the landing at **Metchnikoff Point, Brabant Island**, weather conditions permitting. Early in the morning Julio Preller, our Chilean and very competent expedition leader set out by zodiac to search the location of the 1984 Brabant Island expedition base camp, guided by sketches of Chris Furse and François de Gerlache. Upon his return all of us were relieved to learn that he has been successful and I boarded the first zodiac for a 10 minutes drive to Brabant Island, where in a sheltered bay and under a warm sun it was more like the « antarctic riviera ». An emotional moment occurred when Baron **Gaston de Gerlache** and his wife were the first to reach, after 2 steep climbs, the « **BELGICA** » commemorative plaque (on a rock now occupied by nesting Chinstrap penguins) left at the island by their son **François de Gerlache** during the 1984 British Joint Services expedition under the command of Chris Furse. The remains of the base camp were still there : empty oil drums, film rolls, tins, cans, envelopes, sledges etc. We were the first visitors since 1984 and the Belgian flag was left waving over the plaque.



The good weather continued as in the afternoon of JAN

21 a zodiac cruise took most passengers to the Melchior Islands. Jozef Verlinden and myself « volunteered » to postmark some mail and passports at the Argentine Melchior base. An opportunity to put our stock of « **Melchior Base** » stamps purchased in Buenos Aires at good use. The six Navy men under the command of Lieutenant Miguel Bavio who occupied the base were taking their « siesta », but were very helpful cancelling all covers and cards with the rubber stamp postmark. No cachets were available. It was not possible to leave any mail at the base but as this was common practice we were told to mail the already cancelled cards and envelopes at the first Argentine post office for delivering to the addressees. I left all mail at the Ushuaia post office and although this was new to me all mail arrived without problem.

The evening of the same day, it was close to midnight, the last possibility of leaving mail in Antarctica was at Port Lockroy on Wiencke Island, reached after sighting Gand Island and entering Gerlache Strait and Neumayer Channel. Dave and Allan occupying the station, used under the light of an oil lamp the eight pointed star canceller. There were two cancellers available, identical I



thought, but some mail arriving later was cancelled with the five pointed star. I was allowed to cancel part of the mail myself date stamped JAN 21.

Strangly enough some mail left at the base ended up cancelled FEBR 4 or later. Applying the circular Port Lockroy cachet on some envelopes I found myself sitting near Dr. Mikhail Malakhov, a famous Russian explorer (remember the North Pole Light expedition and the Weber-Malakhov expedition to the geographical Pole). He was on board S/Y PELAGIC on an International Environment expedition for the UNESCO.

The southernmost point of the cruise reached through Lemaire Channel was Petermann Island on JAN. 22. It was a nice surprise to find S/Y Sarah W. Vorwerk and S/Y Pen Duick III moored in the shadow of the Argentine hut. The Dutch skipper Henk Boersma kindly invited me on board and on the French yacht skipper Patrick Tabarly (brother of the famous sailor Eric Tabarly who drowned earlier this year near the English coast) was on his way to Anvers Island to pick up a mountainering team left at Palmer Station to climb the « Mont Français ».

The Ukranian base « Vernadsky » (ex- Faraday) was also scheduled on the original itinerary and preparing the cruise I had been in contact several times by e-mail with the base leader Roman Bratchek. They were looking forward to our visit, but because « not enough time left » the visit was cancelled. The skipper of the Dutch yacht S/Y Sarah W. Vorwerk kindly offered to mail the covers already prepared with Ukranian stamps at the base dur-

ing his next visit there.

In the afternoon of JAN 22 we sailed along Cape Renard and Flanders Bay, made a spectacular zodiac cruise in Paradise Harbor and ended up at the **Argentine Almirante Brown Base**. Only one cachet was available here and absolutely no postmark. A surprise was a bronze commemorative plaque, unknown to us, on the wall of one of the buildings of the base, reading « In memory of the great Romanian Scientist Emil Racovitza, the naturalist of the BELGICA expedition ». It seems the plaque was left there by a Romanian researcher in 1997 working for the Romanian Speleology Institute. At this base only scientists, no Navy men. It was recently partly rebuild after having been destroyed by fire, set by the station's physician/leader who wanted to return home.

Just before anchoring near Cuverville Island for an Antarctic barbecue on the deck at 0° C we sailed along the **Chilean Gonzales Videla Base**. The Belgian government had the intention after the closing of the Belgian Baudouin base in 1967 to take over this base from the Chileans. Baron Gaston de Gerlache was very much in favour and negotiations with the Chilean government started. However at the last moment the Chileans revised their offer because of political reasons and territorial claims.

The last day of our stay in Antarctica started with a landing at Buls Bay on the east coast of Brabant Island. The Belgica expedition also made a landing at this small bay near a glacier. We continued heading north sailing along places named by the BELGICA expedition like **Harry Island, Lecointe Island, Liège Island** and ending at **Auguste Island**.

The landing here was the other highlight of the expedition cruise. The first recorded landing on Auguste Island (named after the father of Adrien) after the BELGICA expedition took place exactly on the same day as one hundred years ago : JAN 23 1898 – 1998. Baron Gaston de Gerlache was the first to set foot on land and on the top of the island he hoisted his personal Belgian flag in remembrance of his father and grandfather. Several crates of the



special « De Gerlache » campaign were brought ashore to celebrate this historical day marking the end of an unforgettable trip.

The change from the smooth seas of the Bransfield Strait to the swell of the Drake Passage made some passengers heading for their cabin and only appearing again when, as a bonus and not directly on route to the entrance of Beagle Channel, we rounded Cape Horn. The sight of the southernmost Cape was spectacular, but the wind and the swell prevented a landing by zodiac. All mail from Melchior and Almirante Brown ended at the Ushuaian post office with the « Most Southern City » postmark of JAN 26. The return flight Ushuaia – Brussels with stops at Buenos Aires

of the whole trip.

As 1999 marks the end of the BELGICA centennial another expedition cruise will be organised in February 1999 on board the M/S Akademik Sergey Vavilov and with the participation of François de Gerlache, grandson of Adrien and member of the British 1984 Joint Services Expedition to Brabant Island. If you have to spend about £ 5.000 then please ask for the cruise brochure.

Eddy De Busschere

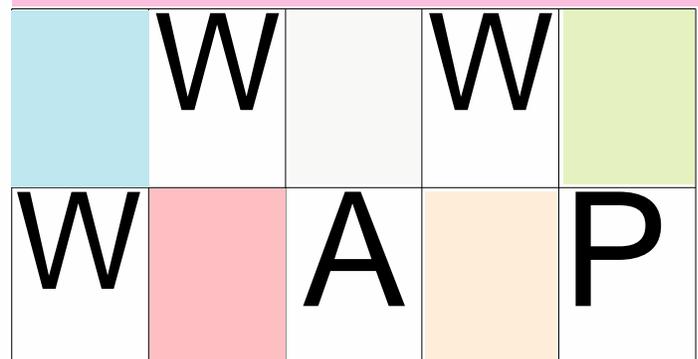
Kriekenstraat 5

BE-8310 Assebroek, Belgium - Belgique

Antarctic Locations visited, and relevant coordinates:

- ANVERS ISLAND** 64°33'S 63°35'W
- AUGUSTE ISLAND** 64°04'S 61°37'W
- BRABANT ISLAND** 64°15'S 62°20'W
- BULS BAY** 64°23'S 62°19'W (Charles Buls was Lord Mayor of Brussels from 1891 till 1899)
- CAPE RENARD** 65°01'S 63°47'W (François Renard was Professor at the Ghent University and studied the sea deposits collected during the voyage of HMS Challenger in 1872 in the Southern Ocean. Cape Renard is informally known as Una's Tits).
- CUVERVILLE ISLAND** 64°41'S 62°38'W : (Admiral Cavalier de Cuverville, French Naval officer, superior of Georges Lecointe)
- FLANDERS BAY** 65°S 02'W
- GAND ISLAND** 64°24'S 62°51'W
- GERLACHE STRAIT** 64°30'S 62°20'W (named after Adrien de Gerlache)
- HARRY ISLAND** 64°08'S 61°59'W (Gérard Harry was the editor of the magazine « Belgian Independence » and a fanatic supporter of the expedition)
- LECOINTE ISLAND** 64°16'S 62°03'W (Georges Lecointe : second in command of the BELGICA expedition – named by a British expedition)
- LEMAIRE CHANNEL** 64°49'S 62°57'W (Belgian explorer Charles Lemaire who explored part of the Congo)
- LIEGE ISLAND** 64°02'S 61°55'W
- WIENCKE ISLAND** 64°30'S 63°25'W (The young Norwegian seaman who fell overboard and drowned while trying to clear Belgica's clogged scuppers)

www.ddxc.net/wap





Antarctic Conference

Photos by I1HYW

**MAIL
BOX**

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Photo

Varese University

WAP SITE



Gianni, I1HYW

Dr. Pellegrini



Prof. Ballarini

Agostino Palumbo,
IK2FIQ



Prof. Rasu, IK2IWU

Major Romito



Auditorium

Meteo Station Cairoli

**For any kind of informations
write to:**

E-mail: varettos@tin.it

ik1gpg@virgilio.it

Cluster: ik1gpg@ik1znw-6

Editorial Staff:

Gianni Varetto, I1HYW - Max Balsamo,
iK1GPG, Betty Sciolla, iK1QFM

Maker-Up:

Egidio Settimio, IZ8BRI

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