

# AIRMAIL

Avril 2004

**Guy Richard VE2XTD**

# Qu'est-ce que Airmail?

- Airmail est un lien de communication entre une station isolée et le réseau Internet.
- Il peut servir à
  - un camp de chasse
  - un camping
  - un véhicule
  - un bateau (Sailmail)

# Les stations AirMail

World Map - Microsoft Internet Explorer fourni par Dricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

Précédente Suivante Arrêter Actualiser Démarrage Rechercher Favoris Média Historique Courrier Imprimer

Adresse <http://winlink.org/worldmap.htm> OK

The map displays numerous AirMail stations across the globe, each identified by a call sign and a red arrow pointing to its location. The stations are distributed across all major continents, with a high concentration in North America and Europe. The call signs include: VE6KBS, VE2AFO, VE1YZ, KB6YNO, W7BC, K7AAE, W7UJ, W1ON, N8FGR, W9GSS, K1SET, W9MR, W10N, OF4XBU, PA3DIIV, IV3XIR, E88RC1, SM6USU, DA5H1AV, K61XA, K5CYC, K6GHP, W6SIM, KAG1QA, WB5KSD, WA2DXQ, K4CJX, KNGKB, WA2DXQ, AB7AA, WD3DHF, WB01AX, ZF1GC, NP2E, W63G, and AE7AA. The map also shows major geographical features like the Arctic Ocean, Equator, and various countries and cities.

Terminé Internet

Démarrer Navigation en cour... Microsoft PowerPo... World Map - Mi... 20:31

# Stations AirMail (suite)

The screenshot shows a web browser window titled "World Map - Microsoft Internet Explorer fourni par Dricom Internet Inc". The address bar displays "http://winlink.org/worldmap.htm". The main content is a world map with several red lines pointing to specific locations, each labeled with a call sign. The call signs and their approximate locations are:

- VE2AFO (North Atlantic)
- VE1YZ (North Atlantic)
- KB6YHO (North Atlantic)
- W1ON (North Atlantic)
- W9MR (North Atlantic)
- PA3DII (France)
- IV3XIR (Italy)
- E48RC1 (Morocco)
- K4CJX (Africa)
- N6KB (Africa)
- DXO (Africa)
- ZS5S (South Africa)
- A11BY (Middle East)
- HSOZER (Indonesia)
- VK6KPS (Australia)
- SM6USU (Sweden)
- DA5IIV (Denmark)

The map also shows various countries and regions, including Russia, China, India, and Australia. The browser's taskbar at the bottom shows several open applications, including "Navigation en cour...", "Microsoft PowerPo...", and "World Map - Mi...". The system clock indicates the time is 20:34.

# Page d'accueil à Winlink 2000

The screenshot shows a Microsoft Internet Explorer 5.0 browser window. The title bar reads "Winlink 2000 - Microsoft Internet Explorer fourni par Dricom Internet Inc". The address bar contains "http://winlink.org/". The main content area features the text "Winlink! 2000" in a stylized red and blue font, followed by a blue banner with "Home Page" in white. Below this is a red notice: "NOTICE: always refresh your browser for each page on this site. Changes are frequent." A left sidebar contains four menu items: "Home", "News Items", "Winlink stations", and "Features", each with a blue circular icon. The main text area is titled "Enhanced Digital Messaging for Amateur Radio" and "Our Mission:", followed by a paragraph describing the service. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "16:08".

Winlink 2000 - Microsoft Internet Explorer fourni par Dricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

Précédente Suivante Arrêter Actualiser Démarrage Rechercher Favoris Média Historique Courrier Imprimer

Adresse <http://winlink.org/> OK

## Winlink! 2000

### Home Page

NOTICE: always refresh your browser for each page on this site. Changes are frequent.

- Home
- News Items
- Winlink stations
- Features

### Enhanced Digital Messaging for Amateur Radio

**Our Mission:**

Winlink 2000 Utilizes enabling technologies and sound operating practices to provide a full-featured radio digital message transfer system, [worldwide](#). Email transfer with attachments, map & text-based position reporting, graphic & text-based weather bulletin services, and emergency communications are now available to the Amateur radio community by linking radio to the Internet.

Démarrer | Navigati... | Microsof... | Boîte d... | Winlin... | Internet | 16:08

# Suite de la page d'accueil

Winlink 2000 - Microsoft Internet Explorer fourni par Dricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

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Adresse <http://winlink.org/> OK

**Instructions**

The mobile user, whether on the high seas, jungles of a remote region, or traveling in an RV, has the ability to provide family and friends with the state of their safety and well-being along with the joys of their travels. Mobile users may post their positions on a map and gain access to a host of global text-based and graphic weather information and other helpful material whenever or wherever they need it. *The non-mobile user also may utilize these facilities in an [emergency](#) when local communications is disrupted and where accuracy of information is paramount.*

**Miscellaneous**

**Guidelines**

**User Programs**

**Emergency Info**

**Position Reporter**

**Message Access**

Winlink 2000 is available to any properly licensed Amateur radio operator. As such, you simply log into one of the participating network stations ([PMBOs](#)) using the client software, [AirMail](#), and you will have established yourself as a registered Winlink 2000 user. After you have become a "registered" radio Winlink 2000 user, you may also then take advantage of the Telnet and WEB-based email facilities.

As a radio user of the Winlink 2000 email network, or as an Internet email recipient sending to an Amateur radio user, there are certain [rules and guidelines](#) which must be followed in order to maintain a legal global system.

Internet

Démarrer Navigati... Microsof... Boîte d... Winlin...

16:10



# Rapport de position 1

WinLink: Current Location of VE2XTD - Microsoft Internet Explorer fourni par Oricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

Précédente Suivante Arrêter Actualiser Démarrage Rechercher Favoris Média Historique Courrier Imprimer

Adresse <http://www.aprs.net/cgi-bin/winlink.cgi?VE2XTD> OK

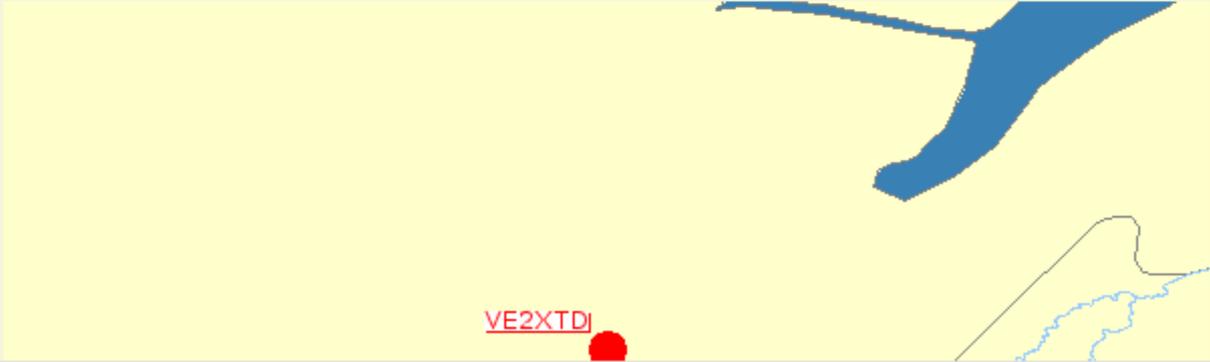
## WinLink: Position of VE2XTD

Report received 35 minutes 55 seconds ago

The system uses positions reported by the [WinLink](#) amateur radio network and stored on the [findu.com](#) APRS database. Questions and comments on the WinLink system should be directed to [K4CJX](#), while questions about the findu.com system should be directed to [K4HG](#).

The maps previously served from mapblast.com are unavailable. Until there is a more permanent solution, [this is a link you can use to see the position of VE2XTD on MSN](#)

[Click here to find nearby APRS activity.](#)



Internet

Démarrer Navigati... Microsof... Boîte d... WinLi...

16:16

# Rapport de position 2

MSN Maps & Directions - Map - Microsoft Internet Explorer fourni par Oricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

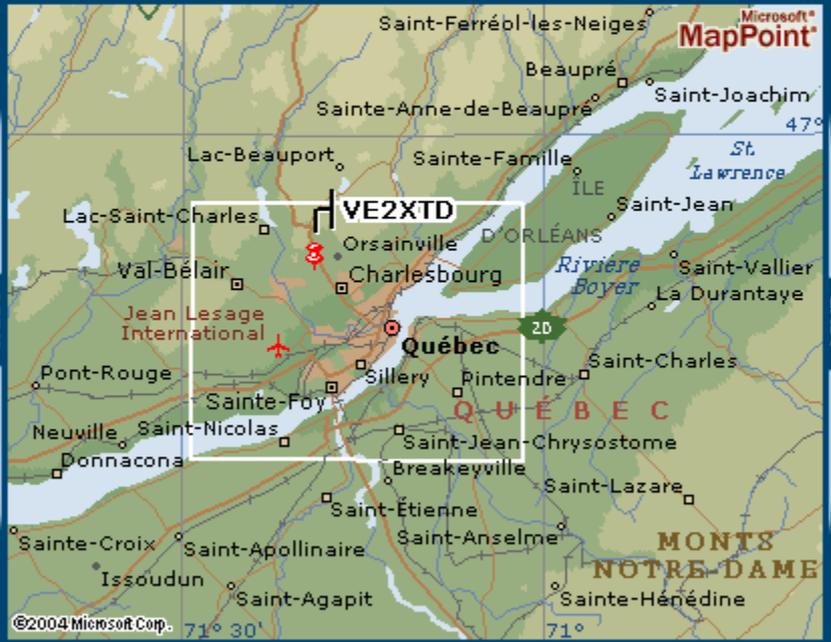
Précédente Suivante Arrêter Actualiser Démarrage Rechercher Favoris Média Historique Courrier Imprimer

Adresse [1x4g4oe55\)/map.aspx?L=WLD0409&C=46.86850%2c-71.31917&A=7.16667&P=%7c46.86850%2c-71.31917%7c1%7cVE2XTD%7cL1%7c](http://1x4g4oe55)/map.aspx?L=WLD0409&C=46.86850%2c-71.31917&A=7.16667&P=%7c46.86850%2c-71.31917%7c1%7cVE2XTD%7cL1%7c) OK

Map Size Print E-mail Save to Pocket PC

VE2XTD  
Get a New Map

advertisement  
AmericanSingles.com  
Are You SINGLE



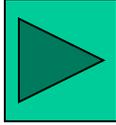
Streets & Trips 2004 CD  
Find even more places, route multiple destinations, and plan trips quickly with Streets & Trips 2004.  
**Order Now!**

km 5 10 15 20  
mi 4 8 12 Legend  Zoom on map click

<http://g.msn.com/QAD0000E/567581.1?PID=2191804&UIT=G&TargetID=1043249&AN=2432&PG=MAPDRS> Internet

Démarrer Navigati... Microsof... Boîte de réception - Outlook Express fourni par Oricom Internet Inc

# Le logiciel AirMail

- Écran pour messages et bulletins 
- Écran pour la liaison HF
- Écran pour les conditions de propagation
- Le radio en PKT-LSB

# La liste des MBOs

The screenshot shows the Outlook Express interface. The window title is "Boîte de réception - Outlook Express fourni par Oricom Internet Inc". The menu bar includes "Fichier", "Edition", "Affichage", "Outils", and "Message ?". The toolbar contains icons for "Nouveau m...", "Répondre", "Répondre ...", "Transférer", "Imprimer", "Supprimer", "Envoyer/R...", "Adresses", and "Rechercher".

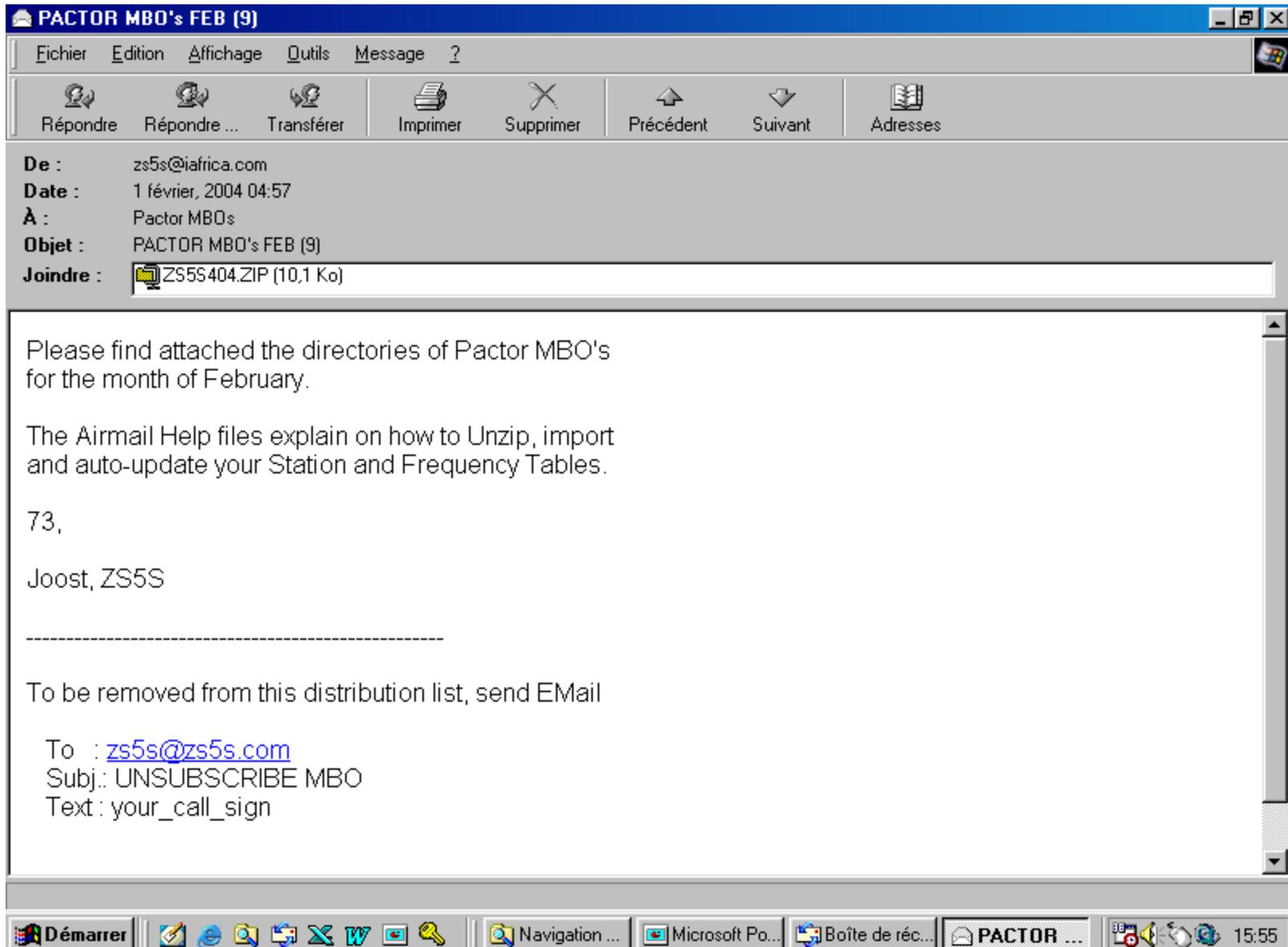
The main pane displays a list of emails in a table format with columns: "Dossiers", "De", "Objet", and "Reçu". The "Dossiers" pane on the left shows the folder structure: "Outlook Express", "Dossiers locaux", "Boîte de réception" (selected), "Boîte d'envoi", "Éléments envoyés", "Éléments supprimés", "Brouillons", and "news.oricom.ca".

The email list is as follows:

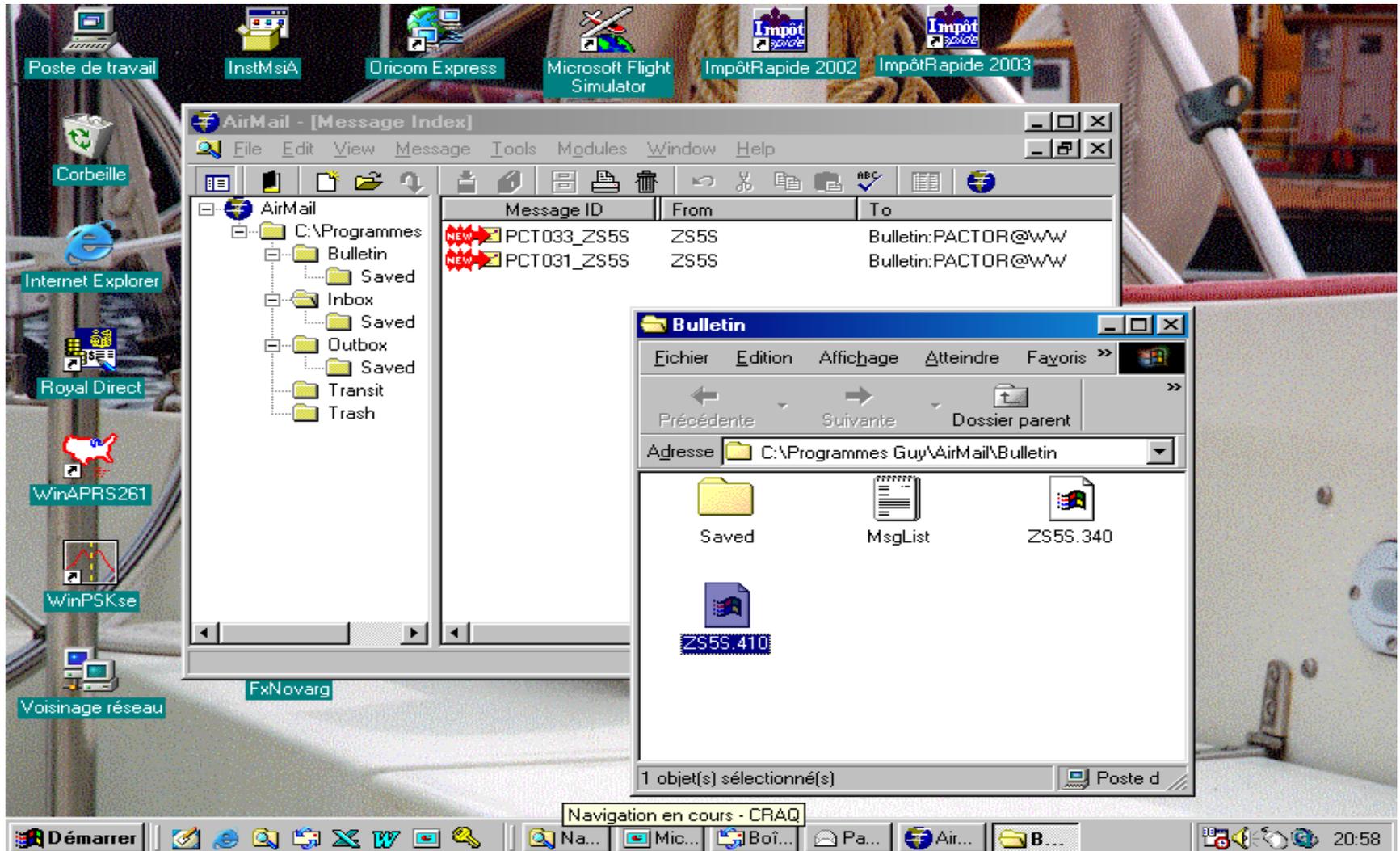
Dossiers	De	Objet	Reçu
	Guy Lamoureux	Forum de discussion pour le conseil	03-10-17 21:32
	Andre Huot	Fwd: Fw: French Navigator Course	03-11-08 01:48
	Carolle Parent	Fw: Code de confirmation pour ve2xtd	03-11-11 13:57
	<b>Kampgrounds of America, Inc.</b>	<b>December Edition: KOA Kompass - Ca...</b>	<b>03-12-09 13:17</b>
	Jacques Paré	TR : Résultats d'examen SQ	03-12-18 22:58
	John	Re: CN Course	03-12-29 18:45
	François Linteau	Horaire - Cours Pilotage avancé	03-12-31 16:28
	FORUM des présidents de clubs me...	Bienvenue!	04-01-06 09:52
	Diane LeBrun		04-01-20 07:29
	Louis Dorais	Passerelle 2004 à jour	04-01-27 09:13
	<b>Camping World</b>	<b>Get ready for the Big Game with this ...</b>	<b>04-01-27 17:58</b>
	<b>Programme de récompense Al...</b>	<b>Voyez pourquoi HTML convient mieux...</b>	<b>04-01-28 14:17</b>
	<b>zs5s@iafrica.com</b>	<b>PACTOR MBO's FEB (9)</b>	<b>04-02-01 05:04</b>
	Ives Girard	offshore	04-02-01 22:05
	<b>Kampgrounds of America, Inc.</b>	<b>February Edition: KOA Kompass - Cam...</b>	<b>04-02-03 13:48</b>
	<b>Andre Huot</b>	<b>procès verbal 7 janv e todj 5 fév.</b>	<b>04-02-04 17:12</b>
	jacques richard	The Alaska Highway	04-02-07 00:50
	Camping World	View our 2004 February Catalog online...	04-02-11 12:02
	nicolebacon@oricom.ca	assemblée général	04-02-15 17:02
	<b>Camping World</b>	<b>Presidential Savings: Your weekly int...</b>	<b>04-02-16 20:02</b>
	Nicole Bacon	cour de radio-amateur	04-02-19 12:31
	nicolebacon@oricom.ca		04-02-19 21:10
	<b>Ray Hoad</b>	<b>[keps] orb04050.2l.amsat</b>	<b>04-02-20 00:42</b>

The status bar at the bottom indicates "Affichage appliqué", "42 message(s), 13 non lu(s)", and "Travail en ligne". The taskbar at the very bottom shows the Windows Start button and several open applications, including "Navigation en cour...", "Microsoft PowerPo...", and "Boîte de récep...". The system clock shows "15:52".

# Contenu du courriel des MBOs



# Récupération des PMBO



# Flux solaire

The latest news from louisxiv - Microsoft Internet Explorer fourni par Oricom Internet Inc

Fichier Edition Affichage Favoris Outils ?

Précédente Suivante Arrêter Actualiser Démarrage Rechercher Favoris Média Historique Courrier Imprimer

Adresse [http://www.drao-ofr.hia-ihh.nrc-cnrc.gc.ca/icarus/www/current\\_flux.shtml](http://www.drao-ofr.hia-ihh.nrc-cnrc.gc.ca/icarus/www/current_flux.shtml) OK

## The latest flux report from louisxiv

NRC CNRC  
DRAO

URANJ 22501 40304 02800 22230 10223 99999  
PLAIN

-----

Flux Density Values in sfu for 2300 on 2004:03:04

Julian Day Number : 02453069.458

Carrington Rotation Number : 002013.888

**Observed Flux Density : 000102.0**

Flux Density Adjusted for 1 A.U.: 000100.3

URSI Series D Flux (Adj. x 0.9) : 000090.3

This measurement has been derived, processed and transmitted automatically. In case of questions, contact us as below:

Phone: (250) 493-2277 Internet: [ken.tapping@nrc-cnrc.gc.ca](mailto:ken.tapping@nrc-cnrc.gc.ca)  
Fax : (250) 493-7767 or : [jean.bastien@nrc-cnrc.gc.ca](mailto:jean.bastien@nrc-cnrc.gc.ca)

Terminé Internet

Démarrer Na... Mic... Boi... Pa... Air... Bull... T... 21:04

# Des liens importants pour Airmail

- Winlink 2000
  - <http://www.winlink.org>
- Pour obtenir le logiciel
  - <http://www.airmail2000.com>
- Pour obtenir le flux solaire
  - [http://www.drao-ofr.hia-iha.nrc-cnrc.gc.ca/icarus/www/current\\_flux.shtml](http://www.drao-ofr.hia-iha.nrc-cnrc.gc.ca/icarus/www/current_flux.shtml)

**Propagation**

From our location: Lat: 46°52'N Lon: 071°19'W Grid: FN46iu

To station location: Lat: 42°31'N Lon: 071°13'W Grid: FN42jm

Parameters: Freq(khz): 03621.0, 07071.0, 14076.0, 14104.3#, 18101.0  
 Sunspots: 69 SFI: 118  
 W10N, Bedford: Distance= 261 NM at 179°T

Rel.  SNR

Update

- Systems
- HAM
    - VE2AFQ
    - VA2ENA
    - WB1DSW
    - KB6YND
    - W10N
    - VE3BDM
    - K1UOL
    - KD1RY
    - N8PGR
    - W4NPX
    - WA1URA
    - K8MHR
    - W9GSS
    - W9MR
    - W0QA
    - K4CJX
    - WB2FTX
    - K4SET
    - N0IA
    - KN6KB
    - WA2DXQ
    - WB0TAX
    - WB5KSD
    - WD8DHF
    - W5SEG
    - VE6KBS
    - W0wWR

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
3621.0	99	99	100	99	99	99	99	99	97	98	99	99	98	93	85	70	66	79	91	97	97	98	98	99
7071.0	96	92	89	85	83	81	56	36	19	39	88	96	98	98	98	98	99	99	99	98	98	97	98	98
14104.3	1	1	1	1	1	2	2	2	1	1	1	1	6	16	36	39	42	46	9	11	13	7	22	3
18101.0	2	3	2	2	2	3	3	3	2	2	1	1												

# Exemple de communication

```
Terminal
File Edit View Control Mode Help
[Icons] VE2AFQ 7074.0 [Icons]
2004/04/13 00:38:21 Calling VE2AFQ
2004/04/13 00:38:48 Connected to VE2AFQ
1VE2XTD
<Pactor1: >
[WL2K-2.0.41-B2FHIMT$]
VE2AFQ est opérée par LE RÉSEAU DU CAPITAINE. QTH:St-Bruno près de Montréal.(FN35im)
Merci a ELKEL qui a gracieusement fourni le matériel. Opérateur du système: VA2AF (André)

La station est fermée entre 06:30h et 08:15h (HNE). This station is closed btw: 06:30 and 08:15 am (EST)

10 cm Solar Flux Index (SFI = 090 on 2004/04/12 02:50 UTC)

N'OUBLIEZ PAS LA RENCONTRE ANNUELLE DES CAPITAINEs LE SAMEDI 21 AOUT 2004 A ST-PAUL

PMBO VE2AFQ last contacted the Central server 5 min ago.

VE2XTD de VE2AFQ QTC 1 Msg 272 bytes>
[AirMail-3.1.936-FHIMT$]
; VE2AFQ de VE2XTD (FN46iu)
FF
; 14.8 Mins left VE2XTD de VE2AFQ
FB P VE2AFQ VE2XTD VE2XTD SMTP5800184 135
F> F5
FS +
Presentation au CRAQ
R:040323/0234z @:VE2AFQ.#MTL.QC.CAN.NA [winlink 2000] #:175423

Mid: SMTP5800184
Date: 03/23/2004 02:33 UTC
Type: Private
From: SMTP:grichard@oricom.ca
To: VE2XTD
Subject: Presentation au CRAQ
MSG:SMTP

Tx Data 0/0 Rx Data 272/272 char
[Icons] Propagation [Icons]
Pactor1: Standby Disconnect: FBB disconnect received
Démarrer [Icons] AirMail - [Message Index] Terminal 21:05
```

**Terminal** [Window Title Bar]

File Edit View Control Mode Help

VE2AFQ 7074.0

VE2XTD de VE2AFQ QTC 1 Msg 272 bytes>  
[AirMail-3.1.936-FHIM\$]  
; VE2AFQ de VE2XTD (FN46iu)  
FF  
; 14.8 Mins left VE2XTD de VE2AFQ  
FB P VE2AFQ VE2XTD VE2XTD SMTP5800184 135  
F> F5  
FS +  
Presentation au CRAQ  
R:040323/0234z @:VE2AFQ.#MTL.QC.CAN.NA [winlink 2000] #:175423

Mid: SMTP5800184  
Date: 03/23/2004 02:33 UTC  
Type: Private  
From: SMTP:grichard@oricom.ca  
To: VE2XTD  
Subject: Presentation au CRAQ  
Mbo: SMTP  
Body: 115

Salutations a tous ceux qui assistent a cette presentation sur le systeme Airmail

Meilleurs 73

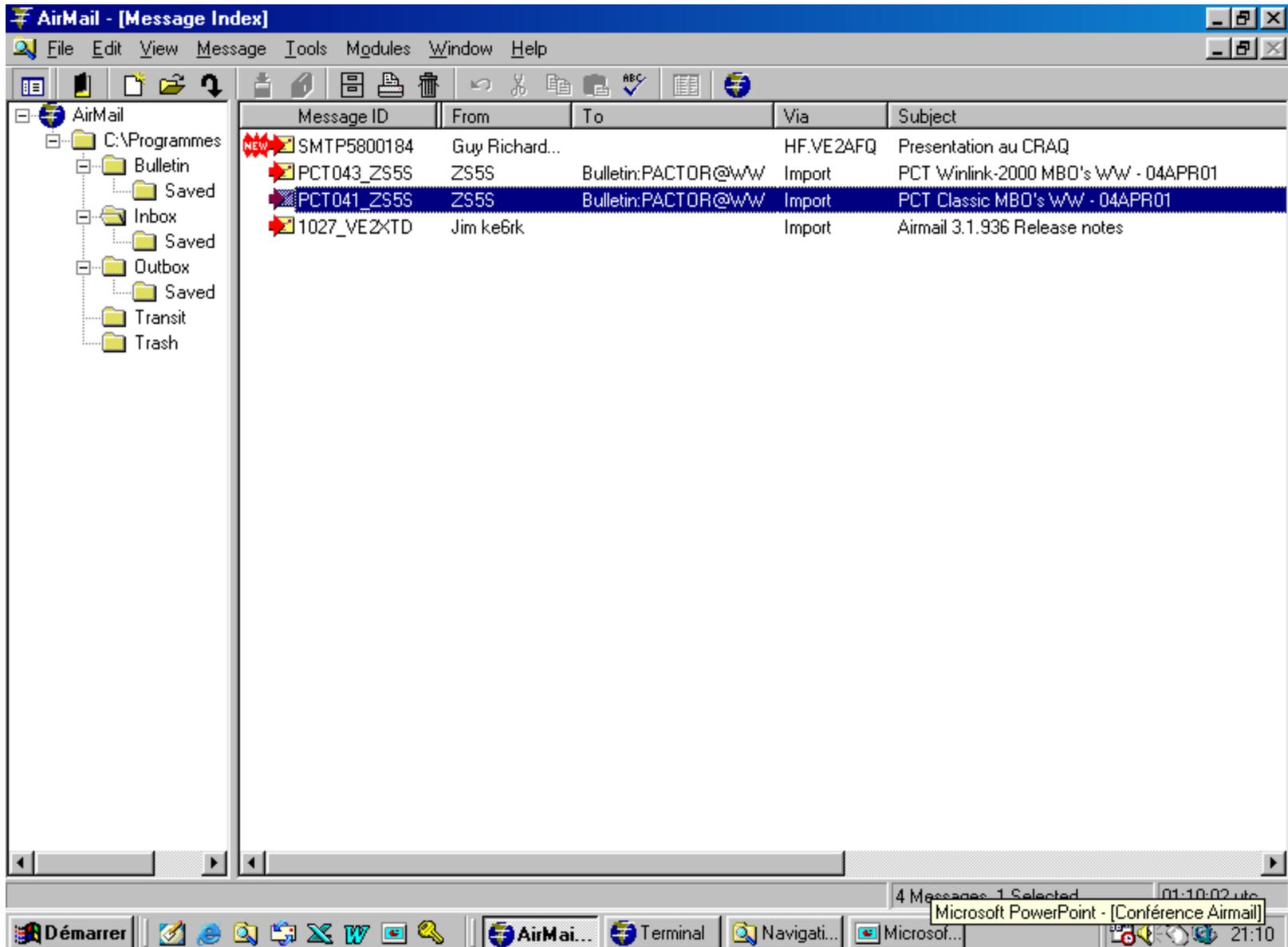
Guy VE2XTD  
/EX  
; VE2AFQ de VE2XTD  
FF  
; 7.0 Mins left VE2XTD de VE2AFQ SK  
FQ  
2004/04/13 01:02:59 Disconnected from VE2AFQ

Tx Data 0/0 Rx Data 272/272 char

Propagation [Window Title Bar] Factor1: Standby VE2AFQ Montreal

Démarrer [Taskbar] AirMail - ... Terminal Navigati... Microsof... 21:08

# Écran message



AirMail - [SMTP5800184.msg]

File Edit View Message Tools Modules Window Help



From: "Guy Richard (maison)" <grichard@oricom.ca> Sent Via: HF.VE2AFQ  
To: VE2XTD Email Gate: SMTP  
Subject: Presentation au CRAQ Date: 22 mars, 2004 22:33

Salutations a tous ceux qui assistent a cette presentation sur le systeme Airmail

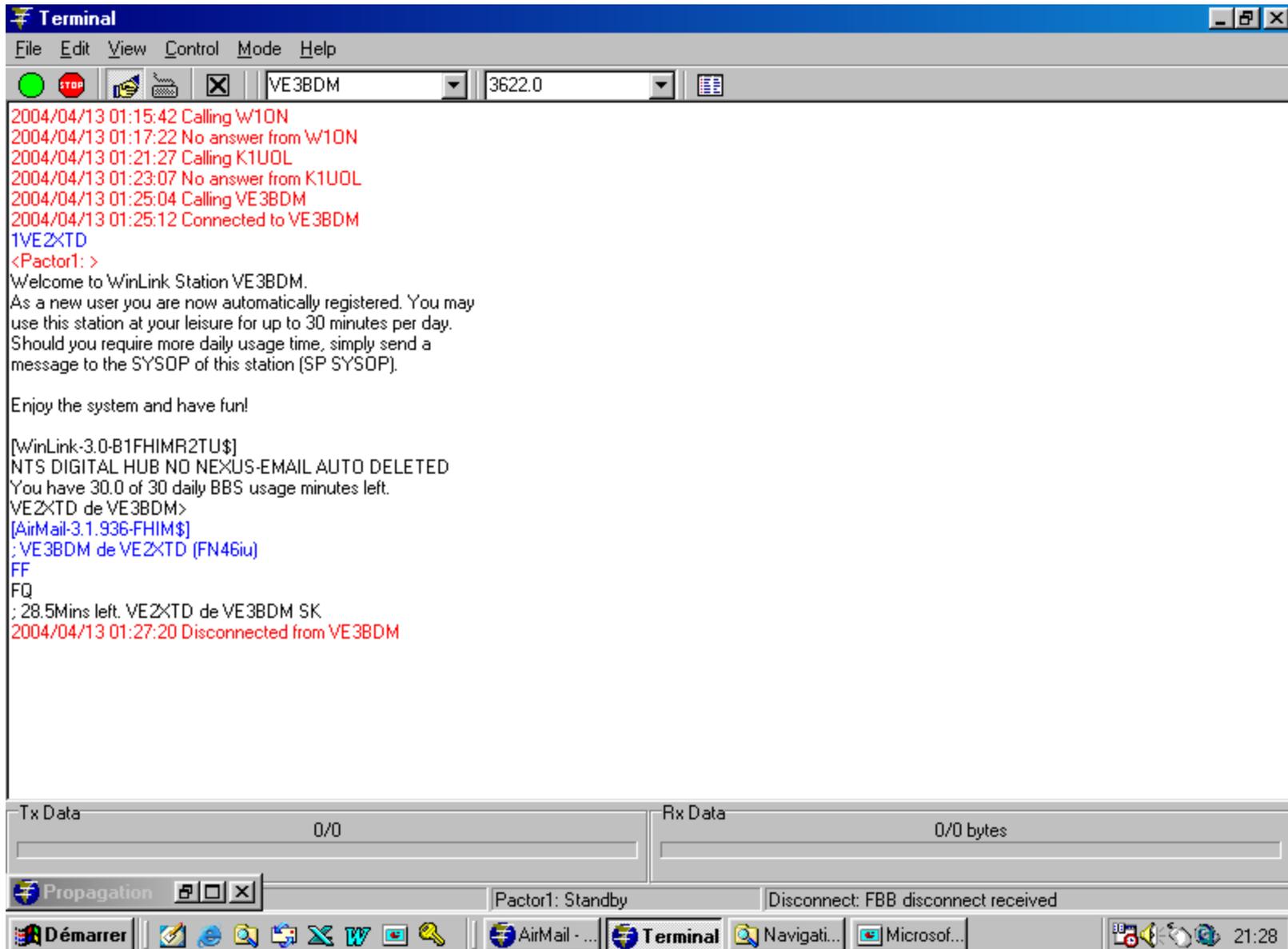
Meilleurs 73

Guy VE2XTD

Index saved 4 Messages, 1 Selected 01:11:31 utc



# Message retiré après 5 min.



The screenshot shows a terminal window titled "Terminal" with a menu bar (File, Edit, View, Control, Mode, Help) and a toolbar. The main text area contains a log of events and a message:

```
2004/04/13 01:15:42 Calling W10N
2004/04/13 01:17:22 No answer from W10N
2004/04/13 01:21:27 Calling K1UOL
2004/04/13 01:23:07 No answer from K1UOL
2004/04/13 01:25:04 Calling VE3BDM
2004/04/13 01:25:12 Connected to VE3BDM
1VE2XTD
<Pactor1: >
Welcome to WinLink Station VE3BDM.
As a new user you are now automatically registered. You may
use this station at your leisure for up to 30 minutes per day.
Should you require more daily usage time, simply send a
message to the SYSOP of this station (SP SYSOP).

Enjoy the system and have fun!

[WinLink-3.0-B1FHIMR2TU$]
NTS DIGITAL HUB NO NEXUS-EMAIL AUTO DELETED
You have 30.0 of 30 daily BBS usage minutes left.
VE2XTD de VE3BDM>
[AirMail-3.1.936-FHIM$]
; VE3BDM de VE2XTD (FN46iu)
FF
FQ
; 28.5Mins left. VE2XTD de VE3BDM SK
2004/04/13 01:27:20 Disconnected from VE3BDM
```

At the bottom, there are status bars for "Tx Data" (0/0) and "Rx Data" (0/0 bytes). Below these are status indicators: "Propagation" (with a globe icon), "Pactor1: Standby", and "Disconnect: FBB disconnect received". The Windows taskbar at the very bottom shows the "Démarrer" button and several open applications: "AirMail - ...", "Terminal", "Navigati...", and "Microsof...". The system clock shows "21:28".