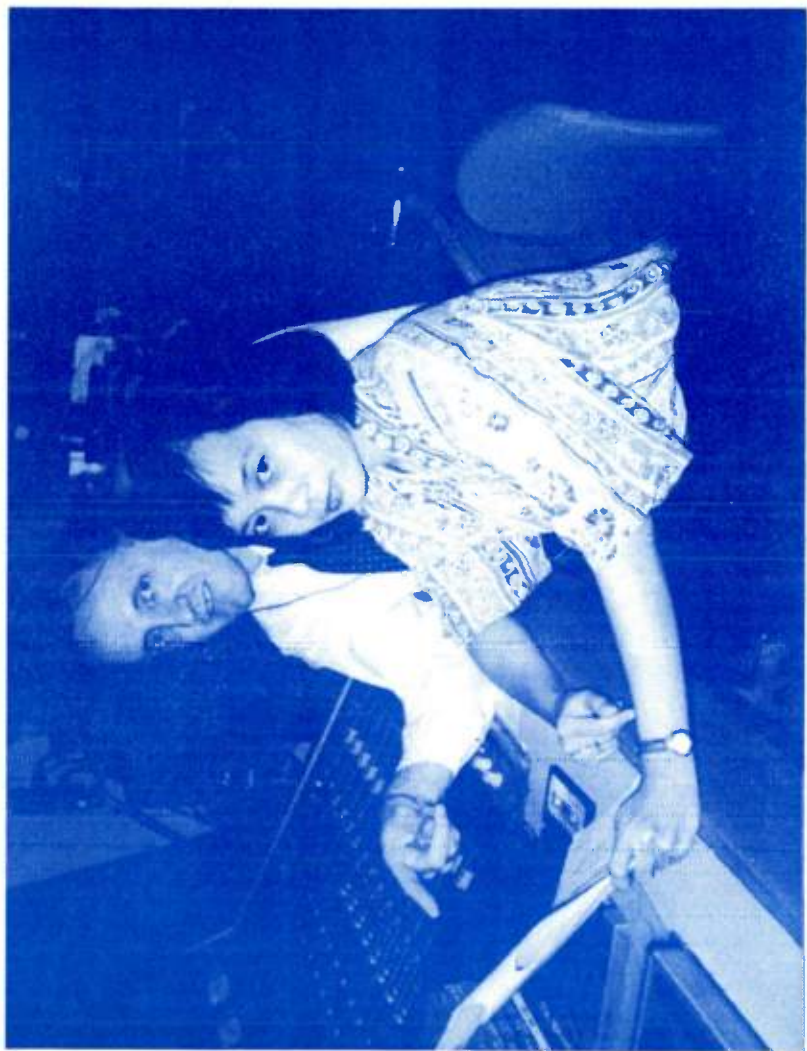


The **NASWA** Journal

VOLUME XLII NUMBER 11

NOVEMBER 2002



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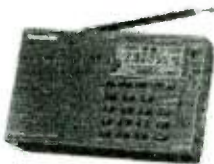
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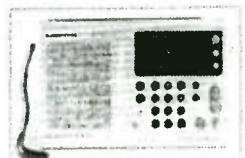


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NASA Notes

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

Congratulations to our friends at the **Japan Shortwave Club** ("JSWC") who are celebrating their 50th anniversary this year. They have just published a special 50th Anniversary book in Japanese that includes messages from friends around the world, a DX history in Japan compiled from club bulletins, messages from club members and a data sheet and some reprints of club bulletins. My copy came from JSWC 50th Anniversary Committee member **Toshi Ohtake** who many will remember from the last Winter SWL Festival. The JSWC has been participating with international broadcasters in presenting a number of special programs commemorating the occasion. Once again, congratulations to our friends at the JSWC.

I recently received the latest schedule for Trans World Radio-Europe from **Chuck Roswell**, who has performed frequency coordination and monitoring activities for TWR in Europe and Bonaire for many years. Chuck indicated that he will be retiring shortly and will be moving back to the USA in January 2003. He has always been quite helpful to the shortwave listening community over the years. Although retiring Chuck plans to continue being active plus he hopes to be able to attend the 2003 Winter SWL Festival in Kulpville. Congratulations to Chuck on achieving this important milestone. Here is to many good, happy and healthy years enjoying a well-earned retirement.

Bob Padula (bobpadula@bigpond.com) of the *Electronic DX Press* is now taking orders for the 14th edition of the *Australasian Shortwave Guide* ("ASWG"). With over 1400 entries, covering the international shortwave transmission period commencing on 27 October 2002, and concluding on 30 March 2003, the B02 period, the guide will be published on 10 November 2002. It is 36

pages, handy A5 format, saddle stitched. ASWG provides comprehensive information about English shortwave schedules to Australia, Asia, the Far East, the Indian subcontinent, the Pacific, and for broadcasts in all languages to Australia and the Pacific. The data is arranged in two sections, by studio country and starting time. Each entry shows broadcasting organization, frequency, starting time, finishing time, language, target area, transmitter site, transmitter country, studio country, and days of operation. For the first time, schedules of Digital Radio Mondiale (DRM) transmissions are included, as well as late-breaking international broadcasting news.

The ASWG costs A\$10.00 posted to Australian addresses, US\$10.00/A\$15.00/7 IRCs posted airmail to any other country. Payment may be in cash, bank check, personal check, postal order, mint Australian stamps, or IRCs. Checks must be drawn on Australian banks, in Australian currency. Orders and payments should be sent to the author: **Bob Padula**, 404 Mont Albert Road, Surrey Hills, Victoria 3127, Australia.

Last call for contacting **Ron Hunsicker** (1238 Cleveland Avenue, Wyomissing, PA 19610-2101; e-mail: ronhuns@ptd.net) if you are interested in forming a regional NASWA chapter in the greater Reading, PA area. Anyone that has an interest in shortwave radio is welcome to participate. Ron is willing to be the coordinator so please contact him if you are interested in meeting other club members on a periodic basis. Hopefully we will have an announcement about an upcoming meeting in the near future.

Although it was too late for last month's *Journal*, Gary Thorburn sent word that "after several months without formal meetings

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

due to the loss of our meeting space, the Boston Area DXers has scheduled an October meeting." The Boston Area DXers ("BADX") held a meeting on 24 October at the Bedford Public Library, Mudge Way, Bedford MA. Mudge Way is off Rtes 4 & 225 in Bedford Center. Members receiving the electronic *Flashsheet* received timely notification (hint!). For more information about BADX and possible future meeting dates contact **Paul Graveline** at 508-470-1971 or Internet: 74007.3434@compuserve.com.


For the latest hot DX news, loggings, and information on the shortwave bands, you need the club's weekly electronic *Flashsheet*, edited by **Sheryl Paszkiewicz**, spasz@dataplusnet.com or P.O. Box 716 Manitowoc, WI 54221-0152 for non-electronic submissions. Join your fellow members in receiving our electronic newsletter which supplements the monthly *Journal* for the timely dissemination of DX loggings and

breaking news. It is only available to members. Deadlines are posted in the *NASWA Flashsheet*. If you are a current member of the club and want to receive the electronic *NASWA Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label.

Our esteemed publisher and business manager has been having some e-mail problems lately. Therefore, please direct all communications about subscriptions, bulletin delivery issues, etc. to **Bill Oliver** at the club's Levittown address or to his old electronic address, weoliver@worldnet.att.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent directly to me in Wyoming only slow down the process. Thanks!

That's it for this month. Enjoy this month's edition of the *Journal*; it's another good one. 

FRENDX: Twenty Five Years Ago (November 1977)

The *Frendx* cover featured a photo taken by Jerry Lineback of Alan and Audrey Thompson of Wales during a recent visit to the United Kingdom visit. After 2 1/2 years as Publisher Alan Mayer stepped down. QSL Editor Bill Oliver replaced him. The club began searching for a replacement QSL editor. Jerry Lineback was elected to the club's Executive Council. James Wilson wrote about the Drake R-4 Series and the Wadley Triple Mix Loop. Roger Legge compiled English language broadcasts to North America. In Glenn Hauser's *Listeners Notebook*, there was a report that the British government was actively considering handing over the Falkland Islands to Argentina because the disputed territory hampered trade with Argentina and the islands were not defensible. Also, the Carter Administration wanted to reorganize USIA and VOA so those listeners would hear a clear distinction between policy statements and editorial opinions. Awards Manager Dan Henderson reported that Gerry Dexter earned the first Master Papua New Guinea DXer Award. In his QSL Report, the big news noted by Bill Oliver were the recent veries from Suriname. Tom Alleman noted the name change from *DX Hotline* to *Update*. 73 reporters provided the Log Report editors with 16 pages of logs 

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Bob Montgomery** (Address: P O Box 1458, Levittown, PA 19058). He will forward them to the appropriate editor. Remember, Bob also distributes QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at: RMonty3@worldnet.att.net.

Calendar Of Events

- Nov 15 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcscckp@aol.com.
- Nov 15 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctreditor@aol.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>
- Dec 13 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meet at the Lebanon Citizens National Bank on U.S. Route 42 in Mason at 7:00 PM. For more information contact Mark Meece at 513-743-8089 or e-mail at [<rdioscan@siscom.net>](mailto:rdioscan@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)
- Mar 7-8, 2003 Convention. The 16th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 7th and 8th March 2003. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

Musings

This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.

Sterling R. Marcher, 15056 Greenwood Drive, La Mirada, CA 90638

Greetings from smog bound 90638. *The Journal* is great. My Vtech companion E-mail machine is on the blink. I hope there are NASWA members in my area (LA and Santa Ana).

Very truly yours, S. R. Marcher

Paul Brouillette, 611 Illinois Street, Geneva, IL 60134

We keep hearing bits and pieces about the new Digital Radio Mondiale (DRM) standard for shortwave broadcasting, and there is some on-air evidence of tests being conducted. However, I have to wonder if DRM will ever become a reality. As written in the *Technical Topics* column in the July *Journal*, our current receivers won't work and are not readily adaptable to DRM. Also, a true consumer-level receiver is not available, only a pricey sort of experimental one. And yet even with this situation, the DRM consortium says that they would like SWLs worldwide to participate in the DRM evaluations.

I think that DRM could be exciting, and could deliver a far more reliable signal than regular AM, at least directly within a transmitter's target area. But, in practical terms, with the current situation, I think it is likely to fail. First, there is a trend among some stations, especially in Europe, toward ceasing analog shortwave broadcasting right now. They say they will return to the air some day with DRM. But will their audience wait that long? Second, DRM forces the scrapping of the existing equipment for both the broadcaster and the listener. With the current state of the world economy, it is difficult to expect government and commercial organizations to make such expenditure. It is almost unthinkable to ask the same of individual listeners. Throughout most of the world, one only needs to read the screaming headlines announcing thousands more professional-level jobs being lost, together with the sorry state of the stock markets. Will anyone be able to afford DRM, even if they want to?

Listen around the shortwave bands lately, and you hear an increasing number of broadcasters sounding ever less professional. You hear splashy, noisy transmitters, low and distorted modulation, intermittent audio feed, transmitters being turned on late or turned off early, cutting off part of the program in progress. And this kind of thing is not confined to small stations in out-of-the-way places. Some of our largest broadcasters have been suffering these ills lately. They don't want to be like this, but budget cuts for staffing, equipment maintenance, etc., force them to be like this. And then they are to be expected to fund the implementation of DRM?

-30-

(On the very day I'm laying this out, I received e-mail from the DRM consortium about material they had added to their web site about modifying existing receivers for DRM, including, surprisingly enough, the Grundig Yacht Boy 400. None of them look like they're for the faint of heart, but it is indeed possible to modify an existing radio to serve as a front end for the software-defined "radio" (actually a software program) that the DRM consortium will be releasing in December. Detailed instructions and more information are available on the web at <http://www.drmrx.org/>. —Ralph Brandi)

Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610

I should have a report about our first DXpedition of the new DX season to French Creek State Park in next month's Journal Musings. Also, the logs should make it into next month's Tropical and International logging sections. Of course, the best stuff has already appeared in the electronic Flashsheet, which continues to be the best way to stay current on shortwave band activity.

With a little luck, the November Journal will arrive in time to accompany me to the DXpedition site. Fred Kohlbrenner, Kris Field and Ed Mauger round out the band of merry DXers seeking rare and unusual radio signals. I can't wait to see what terrifying events unfold before our eyes.

73, Rich

NASWA

Visit our club home page on the World Wide Web at <http://www.anarc.org/naswa/>

Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • rdcuff@mochamail.com

What about frequencies?

I received a note from David Telker of south-eastern Missouri who asked about sources of frequency information for broadcasters mentioned here in *Easy Listening*. It has generally been my approach here in the column to focus on programming subjects, not frequencies, since frequency information is available from other sources. David, you'll want to save the December *Journal* as it will contain extensive frequency information sorted by time of day. If your interest is more in the identification of broadcasters on specific frequencies, then the best reference is likely *Passport to World Band Radio*, a book annual published by Larry Magne. The NASWA *Company Store* is selling the newly-released 2003 edition; you can also likely find it at the large bookstore chains such as Barnes & Noble, Borders, and Chapters (in Canada).

Synopsis of Seasonal Changes

Radio Netherlands

There are a few changes in **Radio Netherlands'** program schedule for the new season.

First, *Aural Tapestry* goes on hiatus for the winter, as it did last year. It's replaced in the schedule by *Sound Fountain*; it kicks off with a five-part series called *A War of Words*—information in times of conflict. Some of the world's leading experts in the field of communications and peace studies give their views on propaganda, corporate media, war correspondents and negotiators. Part one, *The Producers*, which aired the last Sunday in October as *Journal* was in production, the program investigated how governments are manipulating information under the guise of the "war on terror." The general description of *Sound Fountain*: "...a torrent of ideas from award winning documentary producers Michele Ernsting and Dheera Sujana. Interesting topics approached in an

unusual way. Sound montage, esoteric conversations, inner musings and atmospheric music all add up to sound surprises..."

Second, *Roughly Speaking* has finished its run; through the end of the year you can hear *Dutch Classics*, in which Helene Michaud will be sifting through the Radio Netherlands archives of Dutch classical music. In the new year, *The Amsterdam Forum* will debut. This new program will be an extended interview with a leading Dutch figure.

Third, *Wide Angle* will have its initial airing one day earlier—on Saturdays—apparently replacing the current feature entitled *Best of Wide Angle*.

By the time you read this, there's also a decent chance that Radio Netherlands will have implemented its new audio-on-demand capability, with program editions available for download by selecting a program title, instead of the somewhat clumsy method of selecting a time slot, as has been the case. The window of availability will be longer than the 24 hours currently provided.

Radio Canada International

The North American component RCI schedule tends to follow the seasonal shifts in daylight / standard time; from a programming perspective, the weekday morning (1300-1600 UT) program has entirely new content since the domestic CBC morning schedule has been overhauled.

1300 UT weekdays: RCI listeners will be able to hear the final hour of the new program *The Current*, hosted by Anna Maria Tremonti, a CBC journalist who won awards for her coverage of the war in Bosnia. There isn't much information on the CBC website regarding *The Current*, but an item in the *Toronto Star* newspaper calls *The Current* an "...on-the-news show..." whatever that means.

1400 UT weekdays: *Sounds Like Canada* has already debuted; the *Star* characterizes the program this way: "...Sounds Like Canada aims to address [the concern that CBC Radio One didn't resonate with listeners outside of Metro Toronto] head-on: Rather than Toronto-based producers feeding material to a studio host, items will be fed from producers across the country—staff and freelance. [Program host Shelagh] Rogers will be criss-crossing the country, on location as much as in the studio. The idea is to capture that holy grail of diversity the CBC has always sought. 'The hope is we get more color, flavor, texture, all those things,'" as quoted by Adrian Mills, the architect of the new CBC Radio One schedule that produces the programming relayed by RCI on short-wave weekday mornings.

By the way, you won't see either program listed in the new season's RCI brochure now reaching your mailbox. RCI chose not to hold off on the new brochure until the new Radio One schedule kicked in; it would have made sense for them to at least footnote the 1300-1600 time block as "subject to change", since these CBC changes have been in the works for much of the year.

It is possible that other RCI programming

originating with the CBC Radio One domestic spoken-word network (e.g. *Quirks and Quarks*, *The House*, *Vinyl Cafe*) might also disappear from the RCI schedule as the Radio One overhaul continues.

So far, the reviews I've seen for *Sounds Like Canada* are middling at best. Shelagh Rogers' talents appear to be squandered, based on the initial program editions. However, given Ms. Rogers' foreign correspondent experience, one hopes that the segments with Ms. Rogers in the field will be of greater interest and quality.

Radio Australia

As I mentioned last month, on Sunday, October 27th, Australia moves to Daylight Saving Time, resulting in some program shuffling. On Saturday and Sunday *Grandstand* will be heard at 0110-0700 UT. *Australia All Over* will move to 1905 UT on Saturday. Interestingly, the *Radio Australia* overnight relay of Radio National (currently 1500-1900 UT) will remain the same in Universal Time even though its domestic time will change.

BBC World Service

The schedule changes are as I'd predicted, and are summarized in the following table:

Summer Time	Winter Time	Program
0000	0100	<i>Meridian</i> / Popular Music
0100	0200	Science / technology / health
0200	0300	Sports / Business / Analysis / <i>FOOC</i> (Wednesdays)
0300	0400	Music / Religion
0400	0500	<i>World Today</i>
0900	1000	<i>World Update</i>
1200	1200	<i>Newshour</i>
1300	1300	<i>Outlook, Off The Shelf</i>
1400	1400	<i>Meridian</i> / Popular music
1500	1500	Science / technology / health (Sundays: <i>FOOC</i> , <i>People and Politics</i>)

1600	1700	<i>Europe Today</i> / business / sport
2200	2300	<i>World Today</i>
2300	0000	<i>Outlook</i> / <i>Westway</i> / various features

BBC World Service Highlights

The most interesting program on the November World Service schedule looks to be *Young In China*, a four-part documentary series beginning Friday, December 8th, 0230 UTC, repeated the following Monday, 1530. The series attempts to reveal the thoughts and aspirations of the first generation growing up under China's one-child policy. A group of young people at home, at work, and out socializing is profiled over the course of the series.

Tuesdays, beginning November 5th, 0430: *A History of Political Thought* is a new 12-part 15-minute weekly series exploring the issues of human governance—the individual versus the common good, and authoritarianism versus democracy. The series is hosted by Charles Haviland.

Wednesdays, beginning November 6th, 0045, with a repeat Thursdays, 0430: *Tell Me My Future* is a new four-part fifteen minute series in which Martin Stott takes a real life "guinea pig" approach to astrology, fortune telling, palmistry, and aura readings to gauge different predictions, and learn how and why people seek to be given a glimpse into their future.

Thursdays, beginning November 7th, 0230, repeated Fridays, 1530: *Sports International* runs a new four-part 30-minute series exploring the multi-billion dollar world of USA sports called *us Sports Incorporated*. The series looks at how the sports industry has grown and how USA sports have been exported elsewhere. The series tries to answer a question I've long pondered: Why are some sports entirely USA-based, USA-led, and USA-devised?

Sunday, November 10th, 1030: Since short-wave listeners are often history buffs, it's worth noting the annual *Servic of Remembrance from The Cenotaph* in London. Each year in Britain, on the Sunday closest to Armistice Day (our Veterans' Day in the USA), those who have died in the two world wars and other recent conflicts are remembered. The Remembrance Ceremony will be broadcast live to all regions at this time.

Fridays, beginning November 15th, 2330, repeated Sundays, 0430: *Inventors Imperfect* is a three-part series in the usual *Global Business* timeslot looking at how people of flawed genius have influenced our times. Ada Lovelace—the daughter of Lord Byron—worked with Charles Babbage whose Difference Engine is considered the first computer. George Boole—remember Boolean Algebra?—and Sir Joseph Banks, a botanist who sailed with Captain James Cook, are also profiled.

Saturdays, beginning November 23rd, 0230, repeated Tuesdays, 1530: *I Have a Right* looks at how the rule of law in countries targeted by the USA and its allies has changed in the wake of last year's terrorist attacks. This is a three part, 30-minute series.

Saturdays, beginning November 23rd, 1330: *The Caribbean Connection* is a three-week documentary on the Caribbean roots of black culture in Britain, and how the music and experiences of the region have influenced the arts and music in Britain. Hip-hop saxophonists Soweto Kinch and singer Juliet Roberts are the artists profiled in the first installment.

That's all for November; see you in December!

73 DE Richard

Shortwave Center

Jerry Lineback • 506 South Lawrence Avenue • Scranton, KS 66537 • jalinebk@satelephone.com

New Trends in Tropical Broadcasting

by Anker Petersen

Editor of the DSWCI Domestic Broadcasting Survey (DBS)

(This article may be reprinted, if the author and DSWCI are mentioned)

I recently finished editing DBS-4 and

wish to share with you my observations concerning the trend in the number of active frequencies of Domestic Broadcasting Stations in the Shortwave Bands between 2200 and 5800 kHz. For comparison are the equivalent numbers from our Tropical Bands Surveys covering 1972/73, 1984/85, 1996/97, 1999/2000 and 2000/01.

Region	72/73	84/85	96/97	99/00	00/01	01/02
CIS (former USSR)	61	59	47	26	22	24
Central Africa	102	76	40	36	25	27
Southern Africa	57	39	33	17	12	11
Middle East	10	18	16	0	0	0
Indian Subcontinent	62	45	45	35	30	34
South East Asia	40	29	21	11	7	11
Indonesia	171	105	65	40	22	22
China, Taiwan, Mong.	119	110	75	40	40	52
Far East	38	28	28	18	16	18
Pacific	27	24	33	27	28	27
North America	1	0	7	5	7	6
Central America/Mex.	21	23	24	22	17	18
Caribbean	29	3	3	5	4	4
Brazil	107	87	67	56	53	52
NW South America	98	41	19	13	7	8
High Andes Countries	188	163	160	119	99	97
Southern S. America	5	5	1	2	0	1
Totals	1136	852	684	472	389	412

During the 24 years period 1973-1997 452 stations disappeared with an average of 19 per year. In the 4 years of 1997-2001 the disappearance drastically did increase to 295 stations or 74 per year on average! However, the big surprise is that **during the past year the downgoing trend has stopped** and the number of active stations on the Tropical Bands has increased slightly due to more usage in Asia and particularly in China! As you can see, the situation is more or less unchanged in all the other continents.

But the technical standard of a large part of the transmitters on the Tropical Bands is poor. In more developed countries they are being replaced by FM-networks and it can be feared that the trend again will go downwards.

However, you can still hunt for 412 Domestic Broadcasting Stations on the Tropical Bands, before it is too late. Fortunately the interfering broadcast and utility stations are also disappearing. So do not give up your Tropical Bands DXing!

International Broadcasting

An editorial by Bob Padula

EDXP #261

I am amazed at the extraordinary number of frequency and schedule changes being made by International Broadcasters during the course of the A-02 season. It is virtually impossible to keep up to date with all these movements, as broadcasters reposition their services to avoid interference effects, and to take account of continuing high solar activity.

The A-02 season is quite long (seven months) and it is of course quite impossible to establish frequency allocations for such a lengthy period, especially when the actual process is done up to two months before the start of the season! Many of the changes have been brought about by the use of unsuitable frequencies, either based on flawed propagation predictions, or by selection of channels which create interference effects by other broadcasters.

I note that some alternations are now being made by broadcasters with no consultation with other administrations, on the basis of "we'll be using these new frequencies as from xxx and we hope that they won't cause any interference..."

Whilst the work of the ITU-accredited HFCC is to be commended, in attempting to sort out a very complex task, I suggest that the

frequency planning process places far too much emphasis on computerised predictions, and falsely assuming that HF transmissions always travel in tight "beams!" Such is not the case. Many of the frequency changes have been made to avoid co-channel interference, even though the intended target areas of the interfering broadcasters may be thousands of km away!

Many broadcasters have now reverted to using an extraordinary number of parallel channels, on the basis that something "may get through," with a willingness to sacrifice some transmissions which will be buried under services from other administrations.

Governments are now becoming acutely aware of the high cost in operations, maintenance, and production of international broadcasts, and it seems to me that a large part of these resources could be better used in actual management of frequency planning. I know one frequency manager who has absolutely no technical or engineering background at all, and who is responsible for schedule development and validation for a major international broadcaster. That is ludicrous; no wonder that broadcaster is hardly ever heard where it is intended to!

Listeners to international broadcasters are customers; if frequency usage is incorrect, people will go elsewhere, and

the administration will then believe that it has no audience, and the service will be closed down, even though it may be running ten 500 kw transmitters on the wrong frequencies or at unsuitable times!

If international broadcasting is to survive, then administrations need to get their acts together. It is not simply a case of putting up proposals for more spectrum space at the next World Administrative Radio Conference, but of improving existing internal engineering management processes, actively seeking and using more direct technical feedback from listeners, and taking account of what listeners have to say about reception effectiveness.

Furthermore, the monitoring hobby is now littered with people who I regard as "QSL haters"—who put out drivel over the Internet and in the print media with their continuing denigration of reception reporting and QSLs. Local radio relies on the immediate feedback from "talkback" programs to sustain an enthusiastic audience—international radio demands more effective linkages to its customers through the QSL process.

And, I might add, our own Radio Australia has out-sourced its management of reception reports to such an extent that there is no longer any informed or competent analysis made of what listeners may be saying in their reports! The reception reports are obviously regarded as junk mail, and invariably result in the listener being sent literature promoting computer-based products and services. The "out-sourcing" is actually the process of physically transcribing name and address details onto the QSLs and envelopes - I am led to believe that there are no checks made of the actual content of the reports. Seems like a free picture-postcard service—that worries me, as an Australian taxpayer....

One EDXP member in Australia (not me!) has written to the Board of Management of the ABC querying this practice, and asking for advice as to the exact nature of this relationship, and whether this advertising was the result of competitive tendering, or what. If RA is sending out material promoting commercial products and services accompanying "QSLs," then there are countless organizations who would also like that opportunity!

HFCC Conference

By Jeff White—Radio Miami International

(This article relates to Bob Padula's editorial in that the HFCC Conference is where A-02 frequency usage was supposedly coordinated and gives some insight into the process of frequency coordination-ye editor.)

The Gaestehaus Petersberg, a stately mansion atop a hill overlooking the scenic Rhine River just south of Bonn, Germany, was the site of the A-02 High Frequency Coordination Conference (HFCC) February 4-8, 2002, sponsored by Deutsche Telekom. The Petersberg is an official guest house of the government of Germany for visiting foreign dignitaries, and also serves as a commercial hotel. Past guests have included the likes of Leonid Brezhnev, Bill Clinton, and, in December of 2001, the delegations to the United Nations Conference on Afghanistan,

where Hamid Karzai was chosen as the interim leader of the country. So it was appropriate that this international guest house was the venue for the semi-annual HFCC-ASBU Conference, where shortwave frequency planners from around the world gathered. (ASBU = Arab States Broadcasting Union.)

In fact this HFCC Conference had a record number of participants—something like 135. Approximately 80% of the world's shortwave frequency usage is planned at the HFCC, in this case for the period from March 31–October 26, 2002. This was my second opportunity to represent the National Association of Shortwave Broadcasters (NASB) at the HFCC Conference, the first being in Montreal in August of 2001. Twice each year, for four and a half days, the world's HF frequency planners get together at the HFCC

Conference to plan their frequencies and negotiate deals to avoid interference and chaos on the shortwave bands. This time, the task was even more monumental since the terrorist attacks of 9/11/01, had sparked a sudden increase of approximately 25% in shortwave transmissions (particularly to Afghanistan and the southwest Asian region, and a corresponding increase in frequency usage. Each day of the conference, new lists were produced -- hundreds of pages long -- of station broadcast schedules and "collision lists," the latter of which show co- and adjacent-channel frequency usage by two or more stations at the same time to the same target areas which could result in mutual interference.

In addition to many hours of hovering over laptop computers and conversing with frequency managers of other stations, there were some interesting seminars presented at the conference. For example, Norbert Schall of Deutsche Welle spoke about a relatively low-cost remote monitoring system he has developed, and Merlin Communications presented a prototype receiver to pick up DRM digital shortwave transmissions.

In addition to myself, NASB member station sent Terry Borders and Dennis Dempsey to observe the frequency process. Their frequency manager, Stanley Leinwoll, normally attends the HFCC conferences, but was unable to attend this time. Also NASB member station KTWB had a representative, Jeff LeCureux, who was very active in the coordination activities for his own station. The Adventist World Radio and Far East Broadcasting delegations looked out for their stations on U.S. territory as well as their overseas stations. George McClintock of WWCR in Tennessee also attended the conference. In his opening remarks, HFCC Chairman Oldrich Cip thanked the NASB for its continuing assistance in gathering frequency requirement data from some of the major Latin American shortwave stations. Tom Polzin and Tom Lucey of the FCC's International bureau were on the scene in Bonn. This was the first time the FCC has sent two delegates to an HFCC conference, and the Commission will likely only send one delegate to future conferences.

HFCC Chairman Oldrich Cip asked Tom Polzin and myself to meet with him to discuss the NASB's future participation in the HFCC and its conferences. I explained that while we find it very beneficial to attend these conferences, financial-realities may prevent us from attending some meetings due to their distance and costs. (For example, the next two meetings will be in Bangkok and South Africa.) For this reason and others, I explained that we prefer to remain a part of the FCC delegation, rather than seek separate membership status in the HFCC. Tom Polzin said that he welcomes the NASB's participation in the FCC delegation to assist him since we have more detailed knowledge of the individual member stations and their technical characteristics and needs. Also, Tom pointed out that the FCC's budget is very changeable, and at any moment it could decide not to send any more delegates to the HFCC conferences. Therefore, he thinks it is very prudent for the FCC-licensed stations to familiarize themselves with the frequency coordination process and make contacts, so that they could take over their own frequency coordination at a moment's notice if this were to become necessary at any point in the future. As a result of our meeting, Oldrich Cip agreed to approach the HFCC Steering Board about the possibility of granting pass codes to the frequency managers of all FCC-licensed shortwave stations which would give them access to the private area of the HFCC website where tentative frequency requirements are posted approximately three weeks prior to each seasonal meeting. This would permit stations to identify potential collisions and come up with possible solutions even before the HFCC conferences, thus making everyone's jobs a little easier. The Steering Board later approved this measure, and it is hoped the new system can be implemented very soon.

Our presence in Bonn enabled us to solve several scheduling problems involving the privately-owned U.S. shortwave stations. For example, we were able to notify Doug Garlinger of LeSEA Broadcasting about a potential collision involving KWHR, which fortunately did not seem to be a problem. Doug e-mailed us a list of schedule

changes that he had originally submitted in December, but for some reason did not appear in the updated HFCC list. We gave these to Tom Polzin, who got them into a revised list. However, Tom noticed a problem with a change of azimuth from Africa to Europe, which produced a co-channel collision with Radio Portugal. I e-mailed Doug to see if he preferred to look for an alternate frequency for that transmission, or if he preferred to leave the azimuth toward Africa and thus avoid the collision. He chose the latter course, and a collision was avoided. We were also able to notify member stations WTJC and KNLS about collisions indicated on the HFCC lists. Hans Johnson, the frequency manager of WINB—a non-member of NASB at that time—had submitted their A-02 schedule to us before the conference, and I found that their new requirements were not on the HFCC list. Again, the correct requirements were given to Tom Polzin, and the next day they were in the updated HFCC list. However, careful checking revealed four WINB listings with incorrect start and stop dates, plus an extraneous listing that would have made it appear that WINB was listing “wooden transmitters.” These errors were pointed out to Tom, and they were duly corrected in the following day’s update. As a result of the assistance we provided to WINB, Hans Johnson indicated that the station had decided to become a member of NASB.

For frequency planning purposes, Tom Polzin of the FCC’s International Bureau explained that the use of out-of-band frequencies by FCC licensees has to be approved by an interagency governmental body. He provided us with a list of pre-approved out-of-band frequencies which we were authorized to make available to legitimate frequency managers of any NASB member station. This list will save a lot of time and possible frustration for our members.

Both Adventist World Radio and independent frequency manager Bernd Friedewald approached us in Bonn to offer surplus transmitting equipment to members of NASB who might be looking for shortwave transmitters, antennas, etc. I asked them to submit the details to us by e-mail for

inclusion in the NASB Newsletter. We were also approached by Walter Brodowsky of Deutsche Telekom regarding an agreement to broker air time on their large shortwave station in Julich, Germany. Deutsche Telekom will be preparing a draft agreement for NASB’s review. Even if NASB as an entity decides not to pursue this type of commercial activity, some of our member stations may find it an attractive opportunity.

At the Plenary Session of the Conference, it was announced that the next HFCC Conference will be August 26–30, 2002, in Bangkok, Thailand, sponsored by Merlin Communications. July 19, 2002, was set as the deadline for submission of tentative requirements for the B-02 season. HFCC delegates accepted the invitation of Rodgers Gamuti of Sentech to sponsor the February 2003 HFCC Conference in Sandton (near Johannesburg), South Africa. Independent frequency manager Ludo Maes of the well-known Transmitter Documentation Project (TDP) in Belgium was admitted as the newest member of the HFCC with a round of applause. Brief reports were presented by the heads of HFCC committees dealing with propagation and coordination software, a survey of antenna designs used by members worldwide, a monitoring group which will verify whether stations are actually on the air according to their coordinated schedules, and shortwave-related issues to be discussed at the 2003 World Administrative Radio Conference. Jan-Willem Drexhage of Radio Nederland explained a bit about Power Line Communications (PLC)—a new system that will give very fast Internet connections to people in Europe, but will also interfere severely with shortwave listening. “It is very dangerous for our broadcasts,” said Jan Willem. (For more information on PLC, see the “Projects/Links” section of the HFCC Web site: www.hfcc.org. Finally, a few financial matters were discussed. The Bonn HFCC Conference wrapped up around mid-day on Friday, while many of the participants left throughout the day and on Saturday to return to their respective countries, in most cases much more confident about the clarity of their transmission schedules for the coming six months.

Why Shortwave?

Editorial by Tony Ford from the FEBA webpage via ARDXC.

Strolling around the shopping areas of Thailand in 1999, I discovered it was impossible to hire films on videotape. DVD has superseded VHS. Home entertainment technology in Thailand has leapfrogged the UK. Thai people might think VHS tape is unavailable in the UK right now, but they would be wrong. We don't use shortwave radio in the UK, but shortwave is not dead. It is used elsewhere. Most of us in this compact country can hear high quality FM radio, with a wide choice of stations. A few listen to foreign radio stations, either on medium wave (remember Radio Luxembourg?) or shortwave.

The story is different in Africa and the Middle East where millions listen to shortwave radio every day, according to a good friend of mine (he should know because for years he was head of audience research for BBC World Service). FEBA got hold of some survey results from Afghanistan this year. Almost exclusively Afghans use "foreign radio"—that means shortwave—to meet their need for news. In FEBA, we are delighted to hear that. Our focus has been to reach countries that are difficult to enter

with the Gospel. Don't be fooled by the short in shortwave. This type of broadcasting makes giant strides from transmitter to receiver. So, even though it might be hard for real people to enter some countries, their voices can be heard talking about the Lord Jesus. This kind of international radio is still hugely important for African and Asian audiences. As my researcher friend tells me, shortwave radio is still widely used by listeners where it provides services that are otherwise not available.

What about the future? Will shortwave continue to be useful? There are some helpful and interesting indicators. Recently China has been investing huge resources in shortwave transmitters for domestic use; all their transmitters are being upgraded ready for digital radio. Listeners with new digital receivers will get audio quality much better than good medium wave—still keeping the same long distance potential for broadcasters—all for a few dollars more on the cost of their radio set. When digital quality arrives, international broadcasting will get a new lease of life, especially when listeners find something they cannot get on local radio. FEBA's world is changing and the opportunity to share the Gospel with our listeners will continue for a long time yet.

Visit to Radio Vanuatu

By George Brown (originally published in Play-DX 1151)

At the end of November last year, I visited the headquarters of Radio Vanuatu while on holiday in Port Vila.

Vanuatu is a "Y" shaped chain of 83 islands running north and south in the Coral Sea 2,500 km north-east of Sydney, 2,200 km north of Auckland, and 800 km west of Nadi, Fiji. Port Vila is located on the south-west corner of the island of Efate, which is roughly at the joining of the legs of the "Y."

The headquarters is located on the west side of Port Vila and contained administration offices, radio and television studios, and facilities for producing programs. The station is on the air from 1900 hours until 1115 hours UTC Monday to Saturday and from 1900 hours to 1000 hours UTC on Sunday. Vanuatu is 11 hours ahead of UTC. Most of the programs are in the national language of Bislama, which sounds like English since 85% of the vocabulary is English based. There is a daily relay of Radio Australia news and Pacific Beat at 2000 hours UTC and the BBC World Service news at 2200 hours

UTC except Sunday. A daily relay of news in French from RFI is broadcast at 2100 hours UTC. In addition, there are broadcasts of programs produced by Radio Australia, the BBC, and VOA in English and RFI in French at various times.

The transmitter site is on Emten Lagoon about 5 km south east of Port Vila. The site houses a transmitter building containing two short wave and one medium wave transmitter and their associated antennas. The programs are broadcast on short wave from a 10 kw two channel energy Onix Broadcast Transmitter Model HF-10K-2 tuned to 4960 and 7260 kHz. The signal is fed via coaxial cable to dipole antennas directed north and south to the islands in the group. 7260 kHz is used from 1900 until 0600 hours UTC, switching to 4960 at 0600 hours UTC until the end of the transmission. If one of the channels develops a fault, as happened on 7260 while I was there, the other frequency acts as the standby. There is a standby transmitter tuned to 3945 kHz, but this is currently out of service

because of shortage of spare parts to make it operational, and the date for its return to service is unknown.

The station will answer correct reception reports with their QSL card. The organization had not returned to normal operation last November after the journalists strike in the earlier part of last year and some of the locally produced scheduled programs were not on the air. Consequently, I recommend that you address your report to the Radio Technician, Willie Daniel. Willie is familiar with the verification of reports, although he was unable to locate the stock of cards while I was there. However, he is fully occupied keeping the studio and transmitting equipment operational as well as presenting the occasional program, so don't expect a prompt reply. The station appreciates the inclusion of a self addressed envelop and return postage costs. If you can obtain postage stamps, the cost of a 20 gram letter by air to Europe is 135 Vatus, the current exchange rate is approximately 200 Vatus to One Pound Sterling.

Request for Article

Ye editor has noted recent articles regarding the planned implementation of DRM by International Broadcasters. Also the FCC recently announced approval of a system for implementing digital domestic broadcast services in the U.S. Recent articles by Bob Padula in SWC indicate that something called Eureka 147 is the system likely to be used for digital domestic radio in many countries outside of the US.

We need an article by a knowledgeable person regarding the differences and similarities of the various systems. Particularly with regard to their compatibility. Or are we going to have to have one digital radio for shortwave, another for US domestic broadcasters, and yet a third to hear digital radio in other countries??

In addition to that, Motorola's Semiconductor Products Sector in Austin, Texas has announced that they have developed a silicon chip set that will apply sophisticated digital processing to standard analog signals. Called Symphony Digital Radio, such a system installed in stereo systems, boom-boxes, and car radios would negate the need for digital broadcasts and satellite radio both. They claim near CD-quality sound from analog AM or FM signals. Such a system also eliminates intermodulation, multipath (phase) distortion, and static.

Any takers?? Send same to ye editor. 

Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

The "I Will Return" broadcast by Douglas MacArthur in the Philippines

It is just 58 years since General Douglas MacArthur made his famous "I have returned" speech from the shortwave facilities on board three different radio ships at the beginning of the return invasion of the Philippines. The date was October 22, in the year 1944. This is how it all happened.

In their concerted drive into the Pacific, the Japanese army landed on the north coast of Luzon Island in the Philippines on December 10, 1941. The American and Filipino troops were slowly pushed southwards until they were concentrated on Bataan Peninsula and on Corregidor Island, near the mouth of Manila Bay. General Douglas MacArthur was on Corregidor Island at the time and he listened to the daily news bulletin every evening on shortwave from KGEI in San Francisco.

General MacArthur was ordered by the president of the United States to evacuate to Australia, and before leaving he told his support staff that he intended to return as soon as possible. MacArthur, together with his wife and son, were quietly taken out of the Manila Bay area by small boat to a port in the southern Philippines where they boarded a plane for Australia. Soon afterwards, both Bataan and Corregidor surrendered.

However, in the meantime, the American forces in the Philippines established a shortwave radio station that identified on air as "Freedom Radio." This new station was first noted in Australia in February 1942 using a channel in the 31 metre band.

Now, in the era immediately prior to these events, the original Far East Broadcasting Company, station KZRB, operated at least two mobile radio stations on shortwave. It is thought that one of these mobile sta-

tions was taken over by the American army and used on the Bataan peninsula for the broadcasts of "Freedom Radio."

This station was afterwards transferred to Corregidor Island, where it was noted until the time of surrender. It is probable that army equipment was also used for the broadcasts of "Freedom Radio," both on Bataan Peninsula and on Corregidor Island.

MacArthur's flight to Australia took him across Indonesia and Timor, with the intent to land at Darwin. However, because of an air raid at the time, his flight was diverted to Batchelor, some 30 miles further south. Here it was that he made the first of three speeches, re-iterating his promise to make a triumphal return to the Philippines.

According to several of his biographies, he made the same speech again at Alice Springs a day later, and a couple of days later again at the railway station in Adelaide, using on each occasion his handwritten notes on the back of an envelope. Radio station KGEI also rebroadcast this information on shortwave to the Pacific.

In Australia, MacArthur made his headquarters at first in Melbourne and then later in Brisbane. Radio magazines of that era state that a railway train was fitted up for use as his headquarters, complete with several communication transmitters, though this is not mentioned in any of his available biographies. As the fortunes of war changed, MacArthur again moved his headquarters, to Port Moresby and then to Hollandia, both on the island of New Guinea.

At this stage, the radio ship "Apache," followed by the smaller radio ship "FP47," arrived in Hollandia from Sydney Harbour

in Australia. The return invasion was imminent and the American forces sailed for the Philippines, together with the "Apache" and the little "FP47" trailing at the end of the invasion fleet.

This massive fleet arrived in Leyte Gulf on the evening of October 20, the "Apache" made a series of inaugural broadcasts on October 21, and MacArthur announced to the world on October 22, 1944, "I have returned," in fulfillment of the promise he had made more than two years earlier.

The inaugural invasion was made at Red Beach, north of Palo on Samar Island. Here it was that MacArthur waded ashore in preparation for his "I have returned" speech. An American army vehicle, a weapons carrier, was fitted up as a mobile communication station and MacArthur made his speech from this location.

This mobile broadcast was picked up on the navy vessel "Nashville" and re-broadcast on several shortwave frequencies for reception throughout the Philippines. The "Apache" also relayed this broadcast, and the "FP47" carried news despatches in Morse Code containing the same information.

Two days later, MacArthur returned to the navy vessel "Nashville" and made a repeat broadcast, this time for all the world to hear. The "Apache" relayed this programming to the United States where it was picked up in California and broadcast to the Pacific via KGEI as well as via other shortwave stations in California.

Almost every biography on General Douglas MacArthur makes reference to his legendary radio broadcasts, "I will return," and subsequently "I have returned." The date of his first "I have returned" broadcast was October 22, 1944.

Interestingly, October 22, 1844 is a very significant date in Bible prophecy and in American religious history. General Douglas MacArthur made his famous "I have returned" speech exactly 100 years later to the very day, a fact that is sometimes presented by Gospel preachers on radio and television.

This week forms the anniversary 58 years later of these famous radio broadcasts that were carried on shortwave from the transmitters located on three vastly different ships. These ships were the freighter "Apache," the U.S. Navy vessel "Nashville," and the converted fishing trawler "FP47."

The Story of the Little Radio Ship, the FP47

Two weeks ago, we presented the story on *Wavescan* of the now famous radio broadcasting ship, the "Apache," with its role as a relay station for AFRS radio and the "Voice of America" during the latter part of the Pacific War.

At the time, we mentioned that the "Apache" had a co-traveller, a little vessel known as the FP47. Let's look now at the story of this lesser known sea traveller which was in reality another radio broadcasting ship.

The FP47 was a much smaller ship than the "Apache," at just 125 ft. long, and it was built originally for the Alaska freight and passenger traffic. This ship was also taken

to Sydney in Australia at the same time as the "Apache," where it also was completely rebuilt and re-outfitted. Two diesel generators were installed in the FP47 as power units for all of the electronic equipment, which included two American army Morse Code transmitters at 500 watts each.

In rebuilding the ship, the original masts were re-positioned in an attempt to counteract the weight of the heavy electrical equipment. However, the calculations were incorrect and the masts leaned forward, giving the appearance that the ship was moving backwards. The official radio code for the FP47 was "Bedpan."

The original delivery date for both the "Apache" and the FP47 was planned for late November 1944. However, the events of the war speeded up, and the FP47 hurriedly sailed from Sydney Harbour with the "Apache" right at the end of September. Both ships, with their electronic equipment still untested, arrived at General MacArthur's forward headquarters in Hollandia, New Guinea, on October 10, just two days before sailing time for the return invasion of the Philippines.

Two days later, the whole invasion fleet left Hollandia for the Philippines, with the "Apache" trailing behind, and the smaller FP47 trailing behind the "Apache." The entire flotilla arrived in Manila Harbor exactly one week later.

The purpose for the radio ship, the FP47, was to be a subordinate radio ship to the

"Apache." The Morse Code transmitters sent war news and despatches to the "Apache" for onward transmission to the United States. The FP47 was a communication vessel for use by newspaper and radio correspondents, whereas the "Apache" was a radio broadcast station and a navy communication facility.

The FP47 saw duty in the coastal areas of the Philippines and other islands in the western Pacific, usually in conjunction with the "Apache," but not always. After the conclusion of hostilities, the FP47 was sent back to the Philippines, where it carried radio traffic in Morse Code, apparently in conjunction with land based stations that had been re-established.

That's the last that is known about the little radio ship, known by number and not by name.

The Mystery of Irish Radio History— Early Shortwave Era

There was indeed a shortwave service on the air in Ireland in pre-war days. It was just a small unit and it was on the air spasmodically for a period of around three years. This is the story.

A high powered mediumwave station was erected in 1932 near Athlone in the centre of the Emerald Isle. This station was on the air without call sign, and it identified as "Radio Eireann".


In June 1938, the American radio magazine, "Radio News," announced that a 2 kw station was under construction near Moydrum in Ireland. In March of the following year, the same magazine announced that the station was now on the air and testing on five different channels with a power output ranging from 2 to 5 kw.

The transmitter was constructed and installed by the Marconi Company of England and it was co-sited with the larger mediumwave unit at Moydrum, a small village near Athlone. Programming was generally a parallel relay with the mediumwave unit.

"Radio Eireann" on shortwave was heard in the United States, Australia and New Zealand, as well as the British Isles and in continental Europe. Several QSLs, probably in the form of a typed letter, were received in the United States and Australia.

In mid 1939, the scheduling from "Radio Eireann" was described as irregular, and apparently the station went silent just before the beginning of the 1939 emergency in continental Europe. However, a year later the same shortwave transmitter was noted on the air again with the same style of programming in English as noted previously.

At this stage it was announced that the programming was directed towards the United States, though it was heard just as well in the South Pacific. The final monitoring report of "Radio Eireann" with 2 kw on shortwave appeared in the Australian magazine "Radio & Hobbies," in December 1941.

That then was the end of the first era of shortwave broadcasting in Ireland, an era that lasted a little under three years. 

Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • FAX: (518) 453-0864 • al@alcue.com

ABKHAZIA 9489.74, 0305-, **Abkhaz Radio**, Sep 27. Very difficult catch at this time due to cochannel on 9490. Russian news then ads at 0306:40 (these are typical CIS format with the word 'Reklyama' which means advertisement, and into numerous ads. Weather at 0308 (for Russia) and Radio Rossii ID at 0309:15. Good morning in Russian at 0310, so possibly local programming at this time, but too hard to hear. Monitored again later at 0730 with much better reception and no cochannel. Local language. Abkhazia mentioned at 0737. 0800 local Russian news. ID at 0804:45. Signed off at 0815 (Volodya Salmaniw, Kremenchuh, Ukraine/DX Listening Digest/Hauser-OK)

ALBANIA Radio Tirana for B02

0000-0430	Albanian	7270
0245-0300	English	6115 7160
0330-0400	English	6115 7160
0900-1000	Albanian	7110
1500-1800	Albanian	7270
1800-1815	Turkish	6130
1815-1830	Greek	6130
1830-1900	German	7185
1900-1930	Italian	7240
1945-2000	English	7210 9520
2000-2030	French	7210
2130-2300	Albanian	7295
2215-2230	Ser/Cro	6135
2230-2300	English	7130 9540

(via Andreas Volk-D, ADDX, Oct 15)

AUSTRALIA Radio Australia

English schedule:

0000-0030	9660 12080 15240 15415 17580 17775 17795 21725
0030-0130	9660 12080 15240 15415 17580 17750 17795 21725
0130-0200	9660 12080 15240 15415 17580 17750 17795 21725
0200-0400	9660 12080 15240 15415 15515 17580 17750 21725
0400-0430	9660 12080 15240 15415 15515 17580 21725
0430-0500	9660 12080 15240 15415 15515 17580 17750 21725
0500-0530	9660 12080 15240 15415 15515 17580 21725
0530-0700	9660 12080 15240 15415 15515 17580 17750 21725
0700-0800	9660 12080 15240 15415

0800-0830	17580 17750 21725 5995 9580 9710 11880 12080 15240 15415 21725
0830-0900	5995 9580 9710 11880 12080 15240 15415 17750 21725
0900-0930	9580 11880 15240 21820
0930-1100	9580 11880 15240 17750 21820
1100-1130	5995 6020 9475 9580 11650 11880 12080 15240 21820
1130-1200	5995 6020 9475 9580 11650 11880 12080 21820
1200-1300	5995 6020 9475 9580 11650 11880 21820
1300-1330	5995 6020 9580 11650 11880 21820
1330-1400	5995 6020 9580 11650 11660 21820
1400-1430	5995 9580 11650 11660
1430-1700	5995 9475 9580 11650 11660
1700-1800	5995 9475 9580 9815 11880
1800-1900	6080 7240 9475 9580 9815 11880
1900-2000	6080 7240 9500 9580 9815 11880
2000-2100	9500 9580 9815 11880 12080
2100-2130	7249 9500 9580 9660 11880 12080 17715 21740
2130-2200	7240 9660 11880 12080 17715 21740
2200-2300	13620 15230 17715 17795 21740
2300-2330	9660 13620 15230 17715 17795 21740
2330-2400	9660 13620 15230 17715 17795 21740

GRANDSTAND

Radio Australia's weekend sports program, Grandstand, is broadcast on English frequencies from 0110-0700 UT on Saturday and Sunday on 9660, 12080, 17580 and 21725. (via Ian Johnson, Australia, Oct 18/DX Listening Digest/Hauser-OK)

B-02 schedule for **Voice International** via DRW 250 kW:

0600-0900	Indonesian	17820
0900-1300	Indonesian	15365
0900-1300	English	13685
0900-1400	Chinese	17635
1100-1400	Hindi	13635
1300-1630	English	13690
1300-1800	Indonesian	13660

1400-1700	Chinese	15150
1400-1700	Hindi	11750
1630-1900	English	11685
2200-0100	Chinese	15165

(Observer-BUL)

CANARY ISLANDS 6715usb still alive: I was curious to know if this stn is still alive. So on Wed, 2 Oct at 1953 I tuned to 6715U and there it was. Having same distorted audio at times as earlier, but no question, same stn. Korean lang religious progr. Haven't seen any reports of its origin so far. (Jari Savolainen-FIN, DXLD Oct 3/BCDX/Bueschel-D)

Actually, there is the bc schedule on the home page of Yoido Full Gospel Church <http://www.fgtv.com/fgtv/B_9/WB_91_L.htm> But, as would be expected, it won't mention the freq 6715 kHz. (Pentti Lintujaervi-FIN, hcdx Oct 4/BCDX/Bueschel-D)

They apparently shifted to "summer time" in the end of March as all progrs were one hour earlier since that. Here is a monitored "summer time" schedule (s-on/off times are variable. sometimes up to 10-20 mins):

Sunday: fade in 1845-1920. Wed: 1915-2030. Fri: 2045-2230.

They have also been totally unheard here on some Sundays and Fridays, maybe off the air for some reason. It will be interesting to see if they switch to "winter time" at the end of this month. (Jari Savolainen-FIN, BC-DX Oct 7/8/Bueschel-D)

"I got reply from Yoido church and a religious organization called AG. They said they didn't know the existence of 6715U. But after I investigate many full gospel churches and listen to Mr. Hodgson's recording many times, I find the church relayed by 6715U transmission is 'Full Gospel Las Palmas Church.'

The pastor of FGLC is Mr. Jung Byung Sung. I send him E-mail and waiting for his reply. Do you know where Las Palmas is? In a gospel church article, Mr. Jung said many Korean people can't go to his church because many Koreans are fishermen. Maybe 6715U is meant for Korean fishermen who can't go to FGLC. Las Palmas is located in islands? I don't know Las Palmas at all.

FGLC belongs to Yoido Full Gospel

Church and Mr. Jung is sent by Yoido Full Gospel Church." (Sung Chul Cho-KOR, via WWDXC BC-DX Oct 16/BCDX/Bueschel-D)

Full Gospel Las Palmas Church, Plaza de Augustin del Castillo 3, Las Palmas de G.C., Spain. email <fglc@jet.es> fax 928-20-0139 telephone 928-20-4245 Pastor's name is spelled as Chung Byung Sung. (Hans Johnson-USA, Cumbre Oct 16)

An answer, finally: The 6715-USB transmission is directly operated by Broadcasting Department of Las Palmas Full Gospel Church.

transmitter POWER = 100 W (= 0.1 KW)
transmitter ANTENNA = Dipole (reverse L type) directional to Western Africa

Sundays 1000 Sundays 1800 Wednesday 1930 Fridays 2130 Info source= Mr.Chung Byoung Sung (the pastor of the church) (via Cho from Korea, Oct 18/DX Listening Digest/Hauser-OK)

A nice e-mail verification was just received for a report sent from last Wednesday's broadcast. The v/s Mr. Chung says: "Our church is from **YOIDO FULL GOSPEL CHURCH** which is in Korea. One of the missionaries from YFGC, is working as a priest in FGLP. The radio for the crew who work in the sea to hear live worship. We play this radio on live every Sunday at 11.00am and 7.00 pm in LP time, on Wednesday at 8.30 pm, and Friday at 10.00pm also in Las Palmas time." He wants reports to be sent to pulse@121.net 73, (Mauno Ritola, Finland, Cumbredx mailing list, Oct 18/DX Listening Digest/Hauser-OK)

CLANDESTINE - MIDEAST New schedule for anti Syrian station **Voice of Homeland** in Arabic:
0330-0400 9950
1500-1530 12085 only (deleted 12115)
1600-1630 12115
(Observer 210 Oct 4, 2002 via CDX-ML/Clandestine Radio Watch/Schoech-D)

The Syrian clandestine radio has identified itself as: **The Arabic Radio** [Ar: Al-Idha'ah al-Arabiyyah]. The radio has a web site with the following URL:
<http://www.arabicsyradio.org>

Listeners can access the radio's weekly broadcasts from Sunday to Saturday via its

web site. The Arabic radio shows the following motto: Syria Arab Free Nation

The radio broadcasts daily as follows: ---
From 0430-0500 on 9950 kHz From 1500-1530 on 12085 From 1600-1630 on 12115

The Arabic Radio broadcasts material condemning the Syrian government and its human rights record. Source: BBC Monitoring research 18 Oct 02 (via BBCM/DX Listening Digest/Hauser-OK)

CZECH REPUBLIC Radio Prague

0000-0027	Spanish	7345 9440
0030-0057	Czech	7345 9440
0100-0127	English	6200 7345
0130-0157	Spanish	6200 7345
0200-0227	English	6200 7345
0230-0257	Czech	6200 7345
0300-0327	Spanish	6200 7345
		7385**
0330-0357	Czech	7345 7385**
		9435
0400-0427	English	7345 7385**
		9435
0430-0457	English	9865 11600
0500-0527	Russian	6055 11600
0700-0727	French	5930 7345
0730-0757	German	5930 7345
0800-0827	English	11600 15255
0830-0857	Spanish	11600 15255
0900-0927	French	11600 15255
0930-0957	Czech	15255 21745
1000-1029	English	21745
1030-1057	Czech	21745
1100-1127	German	7345 9880
1130-1157	English	11640 21745
1200-1227	Czech	11640 21745
1230-1257	Russian	6055 15665*
		21745
1300-1329	German	6055 7345
1330-1357	Czech	6055 7345
1400-1429	English	21745
1430-1457	Czech	21745
1500-1527	Spanish	11600 13580
1530-1557	Russian	5915* 11975
		13580
1600-1627	German	5930
1630-1657	Czech	5930 17485
1630-1657	Russian	5990*
1700-1727	English	5930 17485
1730-1757	French	5930 17485
1730-1757	German	5990*
1800-1827	English	5930 7315
1830-1857	Czech	5930 7315
1900-1927	Spanish	5930 9430
1930-1957	French	5930 9430
2000-2027	Spanish	5930 9430
2030-2057	Czech	5930 9430
2100-2127	English	5930 9430
2130-2157	Spanish	5930 9435

2200-2227	Czech	5930 9435
2230-2257	English	7345 9435
2300-2327	French	7345 9435
2330-2357	English	7345 9435

* = Relay via Rimavska Sobota, Slovakia** = WRMI Miami, Florida, USA (Wolfgang Bueschel/Alan Roe/DX Listening Digest/Hauser-OK)

ECUADOR The dock workers labor dispute on the West Coast of the U.S. has held up the shipment of a 100,000-watt shortwave transmitter to **HCJB World Radio**-Australia's property near the continent's northern coast. The transmitter, designed and built at the ministry's Engineering Center in Elkhart, Ind., is destined for Kununurra near the northern coast of the continent. (HCJB Web Site/Gupta-IND)

FRANCE I think the following message from Alain Delorme of **TDF**, France finally explains who, where and why on 25775 kHz. 73 (Jari Savolainen, Kuusankoski, Finland, Oct 7/DX Listening Digest/Hauser-OK)

We are doing field trials for the DRM consortium. What you heard is an old test program (in order not to be considered as a real one) we use on a 200 W short wave transmitter in Rennes (Brittany - France). These trials are made in a simulcast mode (analog + digital) of DRM protocol. I hope this answer your question. AD (Alain Delorme, TDF, Oct 7 via Savolainen/DX Listening Digest/Hauser-OK)

Radio France Internationale

0100-0130	Spanish	9800gu
		11665gu
0100-0200	French	15605be
0130-0200	French	9800gu
		11665gu
0230-0400	French	9790 11995
0300-0400	French	5915 7135
		7135me 7315
0300-0500	French	5945 7135 9790
0400-0430	Russian	5990 6045 7280
0400-0430	French	9790ga
0400-0430	English	11910ga 11995
0400-0500	French	3965 4890ga
		7135 7315
		9805ga 9845
0400-0600	French	6045(0430-)
0430-0500	French	5990 7280
		11850ga
		11910ga 11995
0500-0530	English	13610 15155ga
0500-0530	Arabic	3965 5925

0500-0545	French	5990			17620 17850
0500-0600	French	6175ga 7135			21620
		9555 9790 9845	1600-1630	Arabic	9790 12025
		11700 11995	1600-1630	Pushtu	11665 13580
		15605ga	1600-1700	Romanian	9805
0530-0600	French	3965 5925	1600-1700	French	6090ku 15300
		13610 15155ga	1600-1700	English	11615 11995ga
0545-0600	Polish	5990			12015ga 17850
0600-0630	English	11710ga 15155	1600-1730	English	11615 15605
		17800	1630-1700	French	9790 11665
0600-0630	Serbian	6175 7280			12025 13580
0600-0700	French	5925 7135	1700-1800	French	11965
		7135ga 9790	1700-1800	Polish	3965 7135
		11700 15135	1700-1800	Arabic	7325 9790
		15300	1700-1800	Portuguese	12015ga 15530
0630-0700	French	6175 7280	1700-1900	French	15300
		11710ga 15155	1730-1800	French	11615 15605
		17800	1800-1830	Spanish	17630gu
0700-0800	English	15605ga			21645gu
0700-0800	French	7135 9790	1800-1900	Persian	7350 9430
		9790ga 11700	1800-1900	French	5900 9790
		11975 15315			11995
		17850	1800-2100	French	11955ga
0700-0800	Albanian/Fr	9805			11965(-2000)
0700-1600	French	11670(-1030)	1800-2200	French	7160ga 11705
		21580	1900-2000	French	3965 7315 9485
0800-0900	French	15300 15315			9790 11995
0800-1000	French	15300(0900-)	1900-2000	Russian	5905 7135
		17620	1900-2100	French	7315(2000-)
0800-1800	French	11845(-1600)			9790
		15300	2000-2100	Serbian	3965 6090
0900-1200	French	21620 25820	2000-2100	Portuguese	11965
0900-1600	French	21685	2000-2200	French	6175 9485 9790
0930-1030	Mandarin	9655ya			11995
1000-1030	Spanish	6175gu	2100-2130	Spanish	17630gu
1000-1100	French	17850			21645gu
1030-1200	French	7140ya 9830ya	2100-2200	Romanian	6185 7135
1100-1200	French	6175 11600be	2100-2200	French	3965 7315
		11670gu			9790ga
		13640gu 15300	2200-2300	Polish	3965 5915
		15515 21755ga	2300-0100	French	9805 17710ya(-0030)
1100-1400	French	17620			
1130-1200	French	17610			
1200-1230	Spanish	13640gu			
		15515gu			
1200-1230	English	15540ga 25820			
1200-1300	Mandarin	7140ya			
1200-1300	Cambodian	11600xi			
1200-1400	French	9790ga 15300			
1230-1300	French	15515gu			
		15540ga 25820			
1230-1400	French	17860gu			
		21645gu(1300-)			
1400-1430	French	15315 17850			
1400-1430	Russian	15155 15595			
		15605 17610			
1400-1500	Vietnamese	6120ya			
1400-1500	French	17650			
1400-1500	English	7175xi 9580xi			
		17620			
1500-1600	Serbian	9805 11670			
1500-1600	French	15605 17605			

Relays: be = Beijing, China ga = Gabon gu = French Guyana ku = Kunming, China me = Meyerton, S. Africa xi = Xi'an, China ya = Yamata, Japan
(Sked via Wolfgang Bueschel, retyped into language order by Alan Roe/DX Listening Digest/Hauser-OK)

GERMANY The technical director of **Bayerischer Rundfunk**, Munich, confirms that Ismaning 6085 will be switched off by the end of this year due to high operational costs (hardly a surprise, that's a Telefunken S4005 500 kW transmitter, although running on reduced power) and continued with declarations that this is a temporary shut-down only. Of course! (Kai Ludwig-D, BC-DX Oct 5)

GREENLAND It turns out that the **KNR** frequency is 3815 kHz (USB) -and not 3812 kHz as previously reported. The transmissions are no longer unofficial since KNR has started paying for the transmissions!! Broadcasting hours are 1200-1300 and 1800-1900 local time - which is 1400-1500 and 2000-2100 UT (when local DST is observed). One hour later UT [1500-1600, 2100-2200] when Greenland return to normal time from October 27th. I believe the transmissions consist of news in Greenlandic, followed by some PSAs of some sort and then finally news in Danish. The transmitter is located in Tasiilaq on the East Coast of Greenland and is running around 100-200 W. There's a general election coming up on December 3rd in Greenland, but there are no plans to let the short wave transmitter run for any longer on that date - but of course plans may be changed before the actual date (Stig Hartvig Nielsen, Denmark, Oct 17/DX Listening Digest/Hauser-OK)

GUAM B-02 Schedule: Guam - **KTWR**

0715-0900	English	15215	Mo-Fr
0745-0930	English	15330	Mo-Fr
0800-0930	English	15330	Sa/Su
0900-0915	Balinese	15200	Mo/Tu
0900-0915	Torajanes	15200	We/Th
0915-1000	Madurese	15200	
0915-1100	Mandarin	9910	
0915-1615	Mandarin	12130	
0930-1100	Indonesian	15330	
0930-1100	Mandarin	9865	
1030-1100	Sundanese	15200	
1100-1200	Korean	11765	
1100-1200	Vietnamese	9430	
1100-1230	Indonesian	15200	
1100-1615	Mandarin	7455	
1200-1300	Javanese	11850	
1200-1300	Japanese	9465	
1300-1330	Khmer	11720	
1300-1330	Mandarin	9500	
1300-1415	Burmese	15365	
1330-1400	Indian	15395	
1330-1400	Swatow	9500	
1400-1415	Cantonese	9500	Sa
1400-1445	Cantonese	9500	Mo-Fr
1400-1445	Vietnamese	9430	
1400-1500	Cantonese	9500	Su
1415-1445	Sgaw Karan	15330	
1445-1545	English	15330	
1500-1530	Korean	9430	Su-Th
2100-2200	Japanese	11690	
2115-2200	Mandarin	9465	
2200-2215	Cantonese	11875	Sa
2200-2230	Indonesian	15195	
2200-2245	Cantonese	11875	Mo-Fr
2200-2300	Cantonese	11875	Su

2200-2315	Mandarin	12130
2230-2300	Hakka	12105
(George Ross, KTWR via Alan Roe/DX Listening Digest/Hauser-OK)		

HUNGARY B-02 schedule for **Radio Budapest**:

0000-0058	Hungarian	9580	11990	Mo
0000-0058	Hungarian	9835		
0130-0228	Hungarian	9835		
0200-0228	English	9835		
0330-0358	English	9835		
0400-0428	Russian	3975	6025	
0430-0443	Ukrainian	3975	6025	
0445-0458	Romanian	6025		
0500-0513	Croatian	6025		
0515-0528	Slovak	6025		
0530-0543	French	6025	7115	
0545-0558	Italian	6025	7195	
0600-1158	Hungarian	6025	Su (relay HS-1 Kossuth)	
0600-1658	Hungarian	6025	Mo-Sa (relay HS-1 Kossuth Radio)	
1200-1258	Hungarian	6025	Su	
1200-1258	Hungarian	21560		
1300-1358	German	6025	11925	Su
1400-1458	Hungarian	6025	Su	
1500-1558	German	6025	9735	Su
1600-1613	Romanian	6025	Su	
1615-1628	Slovak	6025	Su	
1630-1658	Russian	6025	11680	Su
1700-1713	Ukrainian	6025	11745	
1715-1728	Romanian	6025		
1730-1743	Slovak	6025		
1745-1758	Serbian	6025		
1800-1828	Russian	6025	7130	Mo-Sa
1800-1858	German	3975	6025	Su
1830-1858	German	3975	6025	Mo-Sa
1900-1958	Hungarian	3975	6025	6130
2000-2028	English	6025	7135	
2000-2058	Hungarian	6130		
2030-2058	German	3975	6025	Mo-Sa
2030-2058	Russian	6025	7130	Su
2100-2113	Croatian	6025		
2115-2128	French	6025	9800	
2130-2143	Italian	6025	7215	
2145-2158	Spanish	6025	7215	
2200-2228	English	3975	6025	
2230-2243	Italian	6025	7215	
2245-2258	Spanish	6025	7215	
2300-2358	Hungarian	6025	9580	11990

(Observer-BUL)

INDIA Several additions have been made to **AIR**'s External Services lately with the activation of transmitters from Khampur in

Delhi. Here is a selection of them.		0130-0227	Urdu	6010 6190 7210
		0130-0227	Spanish	6135 6175 9650
7410	(new) 1215-1330 Tibetan			9660
9950	(new) 1515-1615 Swahili	0130-0227	Kazakh	7190 9880
9950	(ex 15075) 1615-1730 Hindi,	0200-0257*	Turkish	7145
	1745-1945 English	0230-0257	Hindi	15165 17635
9950	(new) 1945-2045 Hindi	0230-0257	Uzbek	5950
9950	(ex 9650) 2045-2230 English	0230-0327	Pashto	6095 9525 9605
13695	(ex 13700) Bangalore 1115-1215 Tamil, 1215-1245 Telegu	0230-0327	Spanish	5960
		0230-0627	Arabic	9895
13750	(ex 13720) Bangalore 1515-1615 Swahili, 1615-1730 Hindi	0300-0327	Hebrew	6010 6215
		0300-0327	Armenian	7295
		0300-0627	Dari	9885
		0330-0427	Swahili	13640 15260
15050	(new) 1115-1215 Tamil, 1300-1500 Sinhala			15595
15410	(ex 11585) 1000-1100 English	0330-0427	Arabic-2	7250 9505
		0330-0527	Azeri	11720
15410	(ex 15235) Panaji 1115-1200 Thai	0330-0527	Arabic-3	6145 7100 9790
		0330-1527	Arabic	13770
17845	(new) 0400-0430 Persian, 0430-0530 Arabic	0330-1627	Arabic	15125 15545
		0430-0557	Turkish	15260 15365
		0500-0557	Russian	12025 15330
Some of these frequencies were used some time back. This changed schedule will continue in B-2002. 73 (Jose Jacob, VU2JOS, Somajiguda, Oct 18, dx_india/DX Listening Digest/Hauser-OK)		0530-0627	Bosnian	15530
				15084v 15235
				17680
		0530-0627	Spanish	15320 17590
		0600-0657	Hausa	17810 21810
		0630-0727	Albanian	15235 17680
		0630-0727	Italian	15084v 17560
				17605
		0630-0727	French	17590 21645
				21770
		0700-0727	Hebrew	21745
		0730-0827	German	15084v 21770
		0730-0827	Pashto	15440
		0830-1157	Persian	15084v
		0830-1157	Dari	11860
		0930-0957	Armenian	9885 15260
		1100-1227	English	15375 15385
				15480 21470
				21730
		1130-1227	Swahili	17630 21550
		1200-1257	Italian	15084 15275
				17610
		1200-1257	Chinese	9895 11670
				13645 15150
		1200-1457	Dari	5965
		1230-1327	Pashto	9630 9790
				11870 13720
		1230-1327	Malay	15200 15585
				17560
		1230-1627	Arabic	13820
		1300-1327	Japanese	9510 9750
		1300-1357	Kazakh	11745 13755
				15410
		1330-1457	Urdu	9655 11640
				11950 13595
		1400-1457	Russian	9575 9735
		1430-1527	Pashto	7270
		1430-1527	Bengali	6090 9885
				1185015415
		1430-1657	Azeri	6220

INDONESIA 9524.90 Voice of

Indonesia, 0952-1014, pgm in asiatic language w/ID at 0959 "...Suara Indonesia...Jakarta...kilohertz.....Suara Indonesia..." by announcer. At 1000 heard 3 'pips' then a ID by lady announcer in other asiatic language, then music. (Oct 23 Barrera-Argentina)

Voice of Indonesia External Service, Voice of INS, has recently made some freq changes, and all of its transmissions now appear to be on the single SW freq 9525 kHz at 0030-0400, 0800-1300 and 1730-2100 in various langs, and also in the Jakarta area on FM 89.0 MHz. Frequency usage has been erratic in the past, so it might not be surprising if alternates 11785 or 15150 kHz are occasionally used as well as or instead of 9525 kHz. The only other SW transmission heard out of Jakarta at the moment is the relay of domestic sce RRI Pro-3 on 15125 kHz. (Alan Davies-INS, BC-DX Oct 20/Bueschel-D)

IRAN Tentative B-02 schedule for Voice of Islamic Republic of Iran / I R I

B/:		
0000-0057*	Tajik	3945
0030-0127	Bengali	5965 6005 6085
0030-0127	English	6065 6135
0030-0127	Spanish	6175 9650 9660
0100-0327*	Azeri	6150

1500-1527	Hindi	7195 11640 11950 13745	0500-0600	Hebrew	5790 7545 9345 11590 15760
1500-1557	Uzbek	5955	0515-0530	French	9435 11605
1530-1627	English	7140 9605 11870	0600-1700	Hebrew	5790 9345 15760 17535
1530-1727	Urdu	7270	1100-1115	French	15640 17545
1530-1927	Arabic	7285	1100-1125	Yiddish	15655
1600-1727	Turkish	7125 9735	1115-1130	English	15640 17545
1630-1727	Persian	15084v	1125-1140	Ladino	15655
1630-1727	Pashto	3945 6005 6015 7195	1300-1315	Bucharian	15640 17575
1630-1727	Armenian	6185 7230	1315-1330	Georgian	15640 17545
1630-1927	Arabic	3985 6025 6065 6200	1500-1600	Persian	9985 11605 17545 Fr/Sa 9985 11605
1700-1757	Russian	6035 7170	1500-1625	Persian	13850 15640 17545 Su-Th
1730-1827	Bosnian	7295 11660	1600-1625	Sp/Ladino	15640 17525 17545 Sa
1730-1827	German	6180 9500 15084v	1630-1655	French	11605 15640 17545
1730-1827	Swahili	9595 11750	1700-1725	Yiddish	9435 15640
1730-1927	Arabic	11905	1700-1900	Hebrew	5790 9345 11585 15760 17535
1800-1857	Russian	6035 7115 7205 7215 7305	1715-1725	Mugrabian	17545
1830-1927	French	6180 9565 9805 15084v	1725-1745	Romanian	9435 15640
1830-1927	Albanian	7165 9610	1730-1745	English	11605 17545
1830-1927	Hausa	7335 9775	1745-1800	Hungarian	9435 15640
1900-1927	Hebrew	6130 7120 7315	1800-1815	Spanish	11605 17545
1930-1957	Italian	7295 9615	1830-2000	Russian	9435 11605
1930-1957	Russian	7100 7205	1900-1950	Hebrew	5790 9390 11585 15640
1930-2027	Persian	15084v	1930-2027	Arabic-2	5790 9390 11585
1930-2027	English	6110 7215 11695 15140	2000-2025	English	6280 7520 9435 11605 13720 15640
1930-2027	Arabic-2	3985 6025 6065 6200 11905	2030-2045	French	6280 7520 9435 11605 13720 15640
2030-0327	Arabic	3985 6025 6065 6200 11905	2045-2100	Spanish	6280 7520 9435 11605 13720 15640
2030-2127	Albanian	6100 9740 15084v	2100-2215	Hebrew	5790 9390 11585 15640
2030-2127	Spanish	6005 9750	2215-2300	Hebrew	5790 9390 11585
2100-2127	Japanese	6125 7180	2300-2400	Hebrew	5790 7545 11585
2130-0127	Arabic	11710	(via Gupta-IND)		
2130-2227	Bosnian	7235 9710 15084v	JAPAN Radio Japan "NHK World"		
2130-2227	English	9780 11740	B-02 season:		
2230-2327	Persian	15084v	0000-0015	English	13650 17810 6145CAN
2330-0027	Chinese	7130 7325 9635	0015-0100	English	6145CAN
2330-0027	French	6135 7260	0100-0200	English	17845 17835 17810 17685 17560 15325 11880SRI 11860SNG
* Nov. 6 - Dec. 6 Ramadan			0200-0300	Japanese	21610 17875
Arabic-2 is Voice of Islamic Palestinian Revolution					
Arabic-3 is Voice of Islamic Revolution of Iraq (Ivanov & Datzinov-BUL/Gupta-IND)					
ISRAEL Kol Israel B02					
0000-0430	Hebrew	5790 7545 11585			
0400-2215	Arabic	5915 9310 12150			
0430-0500	Hebrew	5790 7545 11590			
0500-0515	English	9435 6280 9435 11605 17600			

		17845 17835			9530GUF
		17825 17810	0830-0900	Persian	17675SRI
		17685 17560	0900-1000	Japanese	21550GAB
		15325 15195			17650ASC
		11860SNG			15590 12030
		5960CAN			11740SNG
0230-0300	Portug	15565GUF			9835 9825 9750
0230-0300	Persian	11880SRI			9530GUF
0300-0400	English	21610 17825	0930-1000	Indonesian	9695
0300-0400	Japanese	17875 17835	1000-1030	Spanish	15590GUF
		17810 17685			12030 9710
		17560 15325	1000-1100	English	21755 15590
		15195			9695
		11930GAB	1000-1300	Japanese	9750
		9660GUF	1030-1045	Italian	21730GAB
		5960CAN	1030-1100	Portug	15590GUF
0330-0400	Swahili	6135ASC	1030-1100	Burmese	11740SNG
0330-0400	Russian	17845	1045-1100	Swedish	21730GAB
0400-0430	Arabic	11930GAB	1100-1130	Vietnamese	13660
0400-0430	Spanish	9660GUF	1100-1130	German	9660UK
0400-0430	Korean	17845			11710UK
0400-0500	Japanese	17810 15195	1100-1130	Korean	6090
0430-0500	Russian	11915GAB	1100-1200	English	15590 9695
0430-0500	Chinese	17845			6120CAN
0500-0530	Korean	17845	1130-1200	Thai	11740SNG
0500-0530	Spanish	11915GAB	1130-1200	Indonesian	13660
		11895GUF	1130-1200	Chinese	6190
0500-0530	French	17820SRI	1130-1200	Russian	11710UK
0500-0600	English	21755 17810	1200-1230	Vietnamese	11740SNG
		15195 9835	1200-1230	Korean	6190
		7230UK	1200-1230	Malay	9695 13660
		6110CAN	1230-1300	Chinese	11740SNG
		5975UK			6190
0530-0545	Italian	11915GAB	1230-1300	Burmese	9695
0530-0600	Chinese	17845	1230-1300	French	15400ASC
0545-0600	Swedish	11915GAB			17790ASC
0600-0630	Russian	11715 11760	1230-1300	Indonesian	13660
0600-0630	German	11915GAB	1300-1330	Korean	6190
0600-0700	English	21755 17870	1300-1330	Bengali	11890SRI
		15195 11760	1300-1330	Swahili	17790ASC
		11740SNG	1300-1330	Malay	9695
		11715 9835	1300-1500	Japanese	11705CAN
		7230UK			9750
0630-0700	Chinese	17860	1330-1400	Thai	7200
0630-0700	French	11915GAB	1330-1400	Hindi	11890SRI
0630-0700	Bengali	15590	1400-1430	Korean	6190
		11890SRI	1400-1430	Urdu	11890SRI
0700-0730	Hindi	15590	1400-1500	English	17755GAB
		11890SRI			9845 9505 7200
0700-0730	Arabic	15220ASC	1430-1500	Chinese	6190
0700-0800	Japanese	17860 15195	1500-1520	French	7190
		11740SNG	1500-1600	Japanese	21630ASC
		6165 6145			12045SRI 9535
0730-0800	Urdu	15590			9505
		11890SRI	1500-1600	English	9845 9750 7200
0800-0830	Russian	6145 6165	1600-1700	Japanese	21630ASC
0800-0900	Japanese	21550GAB			12045SRI 9845
		17860			9750 9535 9505
		17650ASC			7140 6035
		15590 12030	1700-1800	Japanese	21600GUF
		11740SNG			11880SRI 9835
		9835 9825 9750			9750UK 7140

1700-1800	English	6175UK 6035 1535GAB 11970 9505	0800-0900 French 15210 0900-1000 Korean 15210 0900-1100 Korean 5975 7275 9570 13670
1800-1820	French	11970 11785 9685	1000-1100 Spanish 9580 11715sa 15210
1800-1900	Japanese	15355GAB 6175UK 6035	1100-1130 Korean 9650sa 1100-1200 Russian 5975 6135 7275 1100-1200 Japanese 9570 1130-1230 Chinese 6065
1820-1840	Spanish	11970	1130-1230 English 9650sa 1200-1300 Japanese 5975 6135 1200-1300 Indonesian 9570 13670 1200-1300 Korean 7275
1840-1900	Russian	11970	1300-1400 English 9570 13670 1300-1400 Chinese 5975 6135 7275
1900-1920	Russian	5955	1400-1500 Japanese 5975 7275 1400-1500 Indonesian 9570 13670
1900-2000	Japanese	11910 11665 6165	1600-1700 Russian 15575 1600-1700 German 7275 1600-1700 English 5975 9515 9870 1600-1800 Korean 7150 1700-1800 Arabic 7275 9870 15575
2000-2100	Japanese	11920SNG 11910 11850 11830 11665 7225 6165	1700-1800 French 9515 1700-1900 Korean 5975 1800-1900 French 7275 9870 1800-1900 Russian 7235 1800-2000 Korean 15575 1900-2000 Korean 9870 1900-2000 English 5975 7275 1900-2000 Arabic 6480 7550
2100-2200	Japanese	11910 11665 7225	2000-2100 Spanish 15575 2000-2100 German 3955sk 2000-2100 Russian 7275 7550 2000-2100 Chinese 5975 2100-2200 French 3955sk 2100-2200 English 15575 2100-2200 Chinese 6035 2100-2300 Korean 5975 2200-2230 English 3955sk 2200-2300 Indonesian 7275 9755 2300-2400 Chinese 5975 7275 9755 2300-2400 Japanese 15575
2100-2200	English	21670 17825 11920SNG 11855ASC 11850 11830 6180UK 6090UK	sa=Sackville-CAN sk=Skelton-UK. (RKI Sked/Alan Roe/BCDX/Bueschel-D)
2200-2300	Japanese	17825 15220ASC 11910 11895GUF 11665 6115UK 6110CAN	
2210-2230	Korean	9560	
2230-2240	Chinese	9560	
2240-2250	Chinese	13650 9560	
2240-2300	Malay	17810	
2250-2300	Chinese	13650	
2300-2320	Thai	13650	
2300-2320	Indonesian	17810	
2300-2400	Japanese	11910 11665	
2320-2340	Vietnamese	17810	
2320-2340	Burmese	13650	
2340-0000	Indonesian	13650	
2340-2400	Chinese	17810 13630	
Relays: ASC = Ascension CAN = Sackville GAB = Gabon GUF = Fr.Guiana SNG = Singapore SRI = Sri Lanka UK = United Kingdom. (NHK World, Radio Japan via Andreas Volk-D, ADDX/Bueschel-D)			
KOREA - SOUTH Radio Korea International sked			
0000-0100	Japanese	11810	
0100-0200	Spanish	11810	
0100-0200	Korean	15575	
0200-0300	English	9560sa 11810 15575	
0300-0400	Korean	11810	
0700-0800	Korean	9535sk	
0700-0800	Russian	13670	
0700-0800	German	15210	
0800-0900	English	9570 13670	
0800-0900	Japanese	5975 7275	
MONGOLIA Voice of Mongolia			
0830-0900	Japanese	12085	
0900-0930	Mongolian	12085	
0930-1000	Chinese	12085	
1000-1030	English	12085	
1030-1100	Mongolian	12085	
1100-1130	Chinese	12085	
1200-1230	Japanese	12085	
1330-1400	Russian	12015 Sa/Su	
1500-1530	English	12015	
2000-2030	English	12015	
(via Nicolas Eramo, BC-DX Oct 10)			
4866v Mongol Radio & TV , Dalanzadgad, at 1040 (fade in) _ past 1300,			

active again with talks in Mongolian and Mongolian folk music. The crystal is defect, so it drifts up and down in freq 4865.48 - 4866.20. There are also modulation problems and the transmitter power seems to be less than 12 kW as listed. 25332. (Roland Schulze-PHL, DXW Sep 12-14/BCDX/Bueschel-D)

MOZAMBIQUE 4925: I guess Mozambique operates here. On 7 Oct, Indonesia signed off at 1500, but even after that, weak broadcast of another station continued. Language sounded like Spanish or Portuguese, and that astonished me very much, because the time did not fit for American opening. After consulting with ILGRadio database, I became convinced that Portuguese might come from Mozambique, Africa. Signal totally disappeared by 1600 (Vladimir Doroshenko, Dneprodzerzhinsk, Ukraine, Signal Oct 18/DX Listening Digest/Hauser-OK)

NEPAL Radio Nepal back till 1715 s-off on both 5005 and 6100 kHz. Since about late Sept. Checked a little while ago at 1715; s-off after Nepali nx update and NatAnthem. (Victor Goonetilleke 4S7VK, BC-DX Oct 2)

NEW ZEALAND Radio New Zealand International

0506-0705	15340
0706-1105	11675
1106-1305	15175
1306-1650	6095 occasional sports/cyclone warnings
1650-1750	11980 Mo-Fr
1751-2050	15265
2051-0505	17675

(RNZI Website/Gupta-IND)

NORWAY/DENMARK Updated B-02 schedule for Radio Norway/Radio Denmark

0000-0055	7470 7490
0100-0155	7470 7490
0200-0255	7470 7490 9590
0300-0355	7470 7490 9945
0400-0455	7470 7490 9945
0500-0555	7465 7490
0600-0655	5945 7180 9590 13800
0700-0755	7180 9590
0800-0855	13800 15705
0900-0955	13800 15705 18950
1000-1055	13800 21765
1100-1155	13800 21765
1200-1255	12070 13800 15735 18950
1300-1330	9590 13800 15735 18950

1330-1355	9590 15735 18950
1400-1455	13800 17555
1500-1555	15735 17525
1600-1630	13800 18950
1630-1655	7490 13800 18950
1700-1755	7490 9980 13800 18950
1800-1855	7490 9980 13800 15705
1900-1955	7490 9980 13800
2000-2055	7490 9980
2100-2155	7490 9510
2200-2255	7470 7530
2300-2355	7470 7490 9530 9920

xx 00-xx 30 Radio Norway in Norwegian
xx 30-xx 55 Radio Denmark in Danish
1330-1627 Radio Free Afghanistan in Pashto/Dari 18940 (Observer-BUL)

OMAN Masirah relay site has left the air. Last moment of Masirah activity was - 21.59:30* UT on 6030 kHz on Oct 7th. All Masirah A02 skeduled activities replaced by new site A'Seela. Call is SLA. This smooth take-over took 2+ month. (Vlad Titarev-UKR, DXplorer Oct 10/BCDX/Bueschel-D)

PARAGUAY 7737.2 Radiodifusion America, Villeta, 0458 - 0503, Oct 23, Spanish, Music and religious program, bad modulation (better in USB), 14331, (Eramo, Argentina)

PERU Radio San Miguel, which has been observed in the vicinity of 5500 kHz since April of 2002, is one of the new station broadcasting from San Miguel de Pallaques, capital of the Province of San Miguel, Department of Cajamarca. This station is not Radio San Miguel Arcangel, which formerly transmitted between 5707.0 kHz and 5721.1 kHz from July of 1980 through December of 1995, then the station reactivated its shortwave transmissions on 6339.7 kHz between April of 1999 to May of 2001. (TIN-JPN/Relampago DX)

PHILIPPINES Radio Veritas Asia B02

0000-0030	Sinhala	11820 15240 15570
0000-0030	Zomi Chin	11705 11770 15510
0000-0030	Karen	11725
0030-0100	Tamil	11935 15240 15570
0030-0100	Hindi	11705 15335
0030-0100	Bengali	11995 15305
0100-0130	Urdu	15335 17665 17830 17845
0100-0130	Telugu	15530

0100-0130	Bengali	15240		21655 21800	Mo-Fr
0130-0200	Russian	15240 18830	1755-1800	13660 13790 15540 17745	
0130-0230	Hindi	15335		21655 21800	Sa/Su
0130-0230	Vietnamese	15530 17885	1800-1955	11800 13585 15540 17680	
1000-1030	Hmong	9555 15240		17745 21655 21800	Mo-Fr
1000-1200	Mandarin	9520 15360	1800-2000	13660 13790 15540 17680	
		17830		17745 21655	Sa/Su
1030-1130	Vietnamese	11795 11850	1955-2000	11800 13585 15540 17680	
1130-1200	Burmese	9615		21655 21800	Mo-Fr
1200-1230	Karen	9615	2000-2100	11800 13660 13770 13790	
1200-1230	Indonesian	12035		17680 21655	Sa/Su
1230-1300	Kachin	9615	2000-2400	11860 13770 15540	Mo-Fr
1300-1330	Vietnamese	7265	2100-2400	11800 13770	Sa/Su
1330-1400	Sinhala	9520	(Oct 18, via Carlos Goncalves/DX Listening Digest/Hauser-OK)		
1330-1400	Hindi	9590			
1400-1430	Tamil	9520			
1400-1430	Bengali	9540			
1430-1500	Telugu	9535			
1430-1500	Urdu	9670			
1500-1600	Filipino	15305 15360			
1500-1600	Russian	11795 15130			
2100-2300	Mandarin	6060 6190 7130			
2230-2300	Filipino	7265 15240			
2300-2330	Cantonese	11705 15360			
2300-2330	Indonesian	9505 11820			
		11935			
2330-2400	Kachin	11705			
2330-2400	Vietnamese	9670 11820			
		11935			
2330-2400	Burmese	11725			
(RVA Website/Gupta-IND)					

RUSSIA Radio Rossii B02 schedule
until March 1, 2003:
(sort by frequency)

5895	1630-2200	100Krasnodar
5905	1400-2100	200St. Petersburg
		100Moscow
5910	0200-0500	100Moscow
5910	1530-2200	100Moscow
5920	0200-0600	100Moscow
6060	1530-2200	100Moscow
6115	0200-0500	250Moscow
6125	0200-0500	100Samara
6125	1430-2200	100Samara
7140	1830-2200	250Moscow
7220	2200-1800	200 Yekaterinburg
7250	0530-1500	100Moscow
7295	2000-2300	100Irkutsk
7350	1730-2200	250Moscow
7365	0200-0500	100Krasnodar
7380	0200-0500	250Moscow
7440	0730-1600	100Irkutsk
9450	0300-0700	160Kaliningrad
9700	2330-0700	100Irkutsk
9720	0630-1500	100Moscow
9860	0530-0800	250Moscow
11630	1530-1800	250Moscow
11990	0530-1400	100Samara
12005	0930-1600	100Krasnodar
12060	0530-0800	250Moscow
12065	0530-0900	100Krasnodar
13705	0830-1700	250Moscow
15355	0730-1400	160Kaliningrad
17600	0830-1500	250Moscow
(sort by hour)		
0000-0200	7220Y 9700I	
0200-0300	5910M 5920M 6115M 6125S 7220Y 7365Kr 7380M 9700I	
0300-0500	5910M 5920M 6115M 6125S 7220Y 7365Kr 7380M 9450Ka 9700I	
0500-0530	5920M 7220Y 9450Ka 9700I	
0530-0600	5920M 7220Y 7250M 9450Ka 9700I 9860M 11990S 12060M 12065Kr	

PORTUGAL RDP for B02, all programs
in Portuguese:

0000-0300	9715 11655 11980 13700	
	13770 Tu-Sa	
0600-0745	9755 9815 11675 Mo-Fr	
0745-0800	9755 9815 11660 11675 Mo-Fr	
0800-0850	9755 9815 11660 11675 Mo-Fr	
0800-0930	11875 15575 21655 21830	
	Sa/Su	
0850-0900	9815 11660 Mo-Fr	
0900-1100	9815 11875 Mo-Fr	
0930-1100	11875 11995 15575 21655	
	21830 Sa/Su	
1100-1300	11875 11995 15575 21655	
	21830 Sa/Su	
1100-1300	9815 11875 21655 21725	
	21830 Mo-Fr	
1300-1400	15540 Mo-Fr	
1300-1455	11875 11995 15540 15575	
	17745 21655 21800 21830	
	Sa/Su	
1400-1600	15540 21810 Mo-Fr	
1455-1500	15540 17745 21655 21800	
	21830 Sa/Su	
1500-1755	13660 13790 15540 17745	
	21655 21800 21830 Sa/Su	
1600-1700	15540 Mo-Fr	
1700-1800	11800 13585 15540 17680	

0630-0700 9860M 1190S 12060M
 12065Kr
 7220Y 7250M 9450Ka 9700I
 9720M 9860M 1190S
 12060M 12065Kr
 0700-0730 7220Y 7250M 9720M
 9860M 1190S 12060M
 12065Kr
 0730-0800 7220Y 7250M 7440I 9720M
 9860M 1190S 12060M
 12065Kr 15355Ka
 0800-0830 7220Y 7250M 7440I 9720M
 1190S 12065Kr 15355Ka
 0830-0900 7220Y 7250M 7440I 9720M
 1190S 12065Kr 13705M
 15355Ka 17600M
 0900-0930 7220Y 7250M 7440I 9720M
 1190S 13705M 15355Ka
 17600M
 0930-1000 7220Y 7250M 7440I 9720M
 1190S 12005Kr 13705M
 15355Ka 17600M
 1000-1400 7220Y 7250M 7440I 9720M
 1190S 12005Kr 13705M
 15355Ka 17600M
 1400-1430 5905St 7220Y 7250M 7440I
 9720M 12005Kr 13705M
 17600M
 1430-1500 5905St 6125S 7220Y 7250M
 7440I 9720M 12005Kr
 13705M 17600M
 1500-1530 5905St 6125S 7220Y 7440I
 12005Kr 13705M
 1530-1600 5905St 5910M 6060M 6125S
 7220Y 7440I 11630M
 12005Kr 13705M
 1600-1630 5905St 5910M 6060M 6125S
 7220Y 11630M 13705M
 1630-1700 5895Kr 5905St 5910M
 6060M 6125S 7220Y
 11630M 13705M
 1700-1730 5895Kr 5905St 5910M
 6060M 6125S 7220Y
 11630M
 1730-1800 5895Kr 5905St 5910M
 6060M 6125S 7220Y 7350M
 11630M
 1800-1830 5895Kr 5905St 5910M
 6060M 6125S 7350M
 1830-2000 5895Kr 5905St 5910M
 6060M 6125S 7140M 7350M
 2000-2100 5895Kr 5905St 5910M
 6060M 6125S 7140M 7295I
 7350M
 2100-2200 5895Kr 5910M 6060M
 6125S 7140M 7295I 7350M
 7220Y 7295I
 2200-2300 7220Y
 2300-2330 7220Y
 2330-2400 7220Y 9700I

I=Irkutsk
 Ka = Kaliningrad

M=Moscow
 S=Samara
 St=St. Petersburg
 Y=Yekaterinburg
 (Nikolai Rudnev-RUSSIA)

SLOVAKIA Radio Slovakia International B02

0100-0130	English	5930 7230 9440
0130-0200	Slovak	5930 7230 9440
0200-0230	French	5930 7230 9440
0700-0730	English	13715 15460 17550
0730-0800	Slovak	13715 15460 17550
0800-0830	German	5915 6055 7345
1400-1430	Russian	9440 11990 13715
1430-1500	German	6055 7345 9450
1600-1630	Russian	5915 6055 7345 (9535, 11990?)
1630-1700	Slovak	5915 6055 7345
1700-1730	German	5915 6055 7345
1730-1800	English	5915 6055 7345
1800-1830	French	5915 6055 7345
1830-1900	Russian	5915 6055 9485
1900-1930	German	5915 6055 7345
1930-2000	English	5915 6055 7345
2000-2030	Slovak	5915 6055 7345
2030-2100	French	5915 6055 7345

(via Andreas Volk-D, ADDX, Oct 15)

SOUTH AFRICA Broadcasts and relays
via Sentech site:

Channel Africa

0300-0325	Swahili	9685
0300-0330	English	9525
0330-0355	French	9525
0400-0430	English	5955
0430-0455	Portuguese	3345 5955
0430-0455	French	9525
0500-0530	English	11710
0530-0555	Portuguese	11710
0600-0630	English	15215
0630-0655	Portuguese	15215
1300-1455	English	11710 17725 21760 Sa/Su
1500-1525	Swahili	17780
1500-1530	English	17725
1530-1555	French	17725
1600-1630	Swahili	17860
1600-1630	English	9525
1630-1655	French	17860
1630-1655	Portuguese	3345 9525
1700-1730	English	17870
1730-1755	Portuguese	17870
1800-1830	English	17870
1830-1855	French	17870

BBC Relay

0300-0330	Swahili	11865
0300-0500	English	3255 6190 11765
0400-0430	Swahili	15400
0430-0500	Portuguese	3390 6135 7205
0500-0700	English	6190 11765 11940
0530-0600	Kirundi	15400 Sa/Su
0700-0730	French	17695
0700-1500	English	6190 11940
1500-1530	English	6190 11940 21490
1530-1615	Swahili	21490
1530-1700	English	6190 11940
1615-1700	Kirun/E/Sw	21490
1700-1730	English	3255 6190 15420
1730-1745	English	3255 3390 6190 7230 9525 15420
1745-1800	Swahili	7230
1745-1900	English	3255 6190 15420
1800-1830	French	7230
1900-2200	English	3255 6190
2030-2100	Portuguese	3390 6135 7205

Radio Veritas Productions

1000-1100	English	7240
1600-1900	English	3230

United Nations Radio

1700-1715	French	7170 Mo-Fr
1700-1720	French/Port	21535 Mo-Fr
1725-1745	Port/English	7170 Mo-Fr

Adventist World Radio

0400-0430	Swahili	12080
0400-0430	English	9650
0430-0500	English	12080
0500-0530	Yoruba	11970
0500-0530	English	5960
0500-0530	French	9875
0500-0530	English	6015
0530-0600	English	15345
0530-0600	Ibo	15225
0600-0630	English	15345
0600-0630	Hausa	15225
1700-1730	Swahili	12130
1730-1800	Maasai	12130
1800-1830	English	5960 6095 11985
1830-1900	English	11985
1900-1930	Fulfulde	17695
1930-2000	Hausa	15255
1930-2000	Ibo	17695
2000-2030	French	12105 17695
2000-2030	English	15295
2030-2100	English	15295
2030-2100	Yoruba	12105

Trans World Radio

0330-0345	Amharic	7215
0330-0345	Sidamo	7215 We/Th
0600-0615	English	11640
1600-1630	Kirundi	9680
1625-1655	Somali	9660 Mo-Fr
1645-1700	Oromo	9930 Mo-We
1645-1700	Kambaata	9930 Th/Fr
1645-1700	Hadiya	9930 Sa/Su
1657-1712	Juba	9660
1700-1730	Amharic	9930
1703-1718	Sena	7265
1718-1733	Yao	7265
1730-1800	Oromo	9930 Mo-Fr
1733-1748	Yao	7265 Tu/Su
1830-1900	Fulfulde	9510
1830-1900	Hausa	9460
1830-1900	Bambara	9720
1900-1930	Yoruba	9510
1900-1930	Kanuri	9460
1900-1930	Songhai	9720 Fr
1900-1945	French	9720 Sa-Th
1930-1945	Nupe	9510 Mo-Sa
1930-1945	Ewe	9510 Su
1930-1945	Moore	9720 Fr
1945-2000	Ewe	9510 Sa
1945-2000	Twi	9510 Mo-Fr
1945-2015	Igbo	9510 Su

Family Radio

1900-2100	English	3230
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Radio France International

0257-0359	French	7135
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Radio Sonder Grense

0500-0700	Afrikaans	7185
0700-1700	Afrikaans	9650
1700-0500	Afrikaans	3320

Radio Vlaanderen International

0600-0630	Dutch	17730
1100-1200	Dutch	21630 Su
1200-1230	Dutch	21630

South African Radio League

0800-0900	English	9750 21560 Su
1800-1900	English	3215 Mo

Radio Ecclesia

1900-2000	Portuguese	7205
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(SENTECH, Oct 3/DX Listening
Digest/Hauser-OK)

THAILAND Radio Thailand, World Service Broadcast Schedule

0000-0030	English	9680
0030-0100	English	13695
0100-0200	Thai	13695
0300-0330	English	15460
0330-0430	Thai	15460

0530-0600	English	13780	1600-1630	Turkish	9460 11955
1000-1100	Thai	7285			13615 15350
1100-1115	Vietnamese	7285	1600-1700	Kazakh	7295
1115-1130	Khmer	7285	1630-1700	Turkish	5965 9460
1130-1145	Lao	6040			11955 13615
1145-1200	Burmese	6040			15350
1200-1215	Malaysian	11805	1700-1730	Croatian	9595
1215-1230	Indonesian	11805	1700-1730	Turkish	5965 5980 6120
1230-1300	English	9810			9460 9560
1300-1315	Japanese	7145	1700-1800	Kyrgyz	6095
1315-1330	Mandarin	7145	1730-1800	Spanish	11690
1330-1400	Thai	7145	1730-1800	Turkish	5980 6120 9460
1400-1430	English	9530			9560
1800-1900	Thai	11855	1800-1855	Uzbek	5955
1900-2000	English	9535	1800-1900	Russian	6135
2000-2015	German	9535	1800-2200	Turkish	5980 6120 6185
2015-2030	French	9535			9460 9560
2030-2045	English	9535	1830-1930	German	9745
2045-2115	Thai	9535	1900-2000	Bosnian	5990
(R. Thailand/Gupta-IND)			1900-2000	Tatar	5955
			1930-2020	English	9890
			2030-2130	French	6050 9715
			2130-2220	English	9525
			2200-2300	Turkish	5980 6120 6185
					9460 9560
			2300-2350	English	6020 9655
			2300-2400	Turkish	6120 7300 9460
			(Observer-BUL)		

TURKEY B-02 schedule for **Voice of Turkey:**

0000-0500	Turkish	6120 7300 9460
0200-0255	Uzbek	7115
0400-0450	English	6020 7240
0500-0800	Turkish	9460 11925
		11955 17570
		17690
0800-0900	Georgian	11690
0800-0930	Azeri	11835 17755
0800-1000	Turkish	9460 11925
		11955 15350
		17570
0900-1000	Macedonian	11895
0930-1030	Persian	11795 17690
1000-1100	Turkish	9460 11955
		15350 21715
1000-1200	Arabic	15105 15245
1000-1300	Turkish	9460 11955
		15350 21715
1030-1130	Hungarian	17565
1030-1130	Romanian	11930
1100-1300	Turkish	9460 11955
		15350 17860
		21715
1130-1230	Greek	7295 11855
1200-1300	Chinese	15320
1230-1330	Albanian	11910
1230-1330	German	21530
1300-1355	Urdu	17715
1300-1600	Turkish	9460 11955
		13615 15350
		17860
1330-1420	English	17690 17815
1330-1500	Persian	11705
1400-1500	Russian	11980
1430-1500	Serbian	11935
1430-1530	Bulgarian	7140
1500-1600	Azeri	5965
1500-1700	Arabic	6120 15195
1530-1630	Greek	6015

UKRAINE Radio Ukraine International B02 tentative schedule

0000-0100	Ukrainian	(9560 9610 9810)
0000-0100	German	5905
0100-0200	English	9610
0100-0200	Ukrainian	(5905 7420 9610 9810)
0200-0300	Ukrainian	9610 (7420 9810)
0300-0400	Ukrainian	9610 (7285 7420 9810)
0400-0500	English	6020
0400-0500	Ukrainian	(7285 7420 9810)
0500-0700	Ukrainian	6020 (7285 9600 11825)
0700-0800	Ukrainian	6020 (9600 11825 13590 17760)
0800-1000	Ukrainian	17760 (6020 9600 11825 11840 13590)
1000-1200	Ukrainian	17760 (6020 11825 11840 13590)
1200-1300	English	17760
1200-1300	Ukrainian	(6020 11825 11840 13590)
1300-1400	Ukrainian	17760 (11825 13590)
1400-1700	Ukrainian	9610 (6020 7240 13590)

1700-1800	Ukrainian	9610 (5905 7240 7285)
1800-1900	Ukrainian	(5905 7240 7285)
1800-1900	German	7240
1900-2100	Ukrainian	7240 (5905 6020 7285)
2100-2200	Ukrainian	7240 (5905 6020 7285 9560)
2200-2300	English	5905
2200-2300	Ukrainian	(6020 7240 9560)
2300-2400	Ukrainian	5905 (7240 9560)

(frequencies in parentheses only if budget allows, otherwise minimal sked)
(Alexander Yegorov - UKR, Oct 23,
Wolfgang Bueschel/DX Listening
Digest/Hauser-OK)

UNITED STATES OF AMERICA B-02 schedule for **World Harvest Radio**:

WHRI Angel # 1	
0000-1000	7315
1000-1300	9495
1300-1800	15105
1800-2400	9495
WHRI Angel # 2	
1000-1600	9840
1600-2000	13760
2000-1000	5745
KWHR Angel # 3	
0400-1000	17780
1000-1630	9930
2200-0400	17510
KWHR Angel # 4	
0700-1045	11565 Mo-Fr
0700-1400	11565 Sa/Su
WHRA Angel # 5	
1300-1600	17560
1600-2300	17650
2300-1000	7580
(Observer-BUL)	

5920, **WBOH**. Per David Robinson, station engineer A 50 kW converted AM transmitter engineered by Transcom (as heard), a Canadian company, is in place at a site about 5 miles from WTJC. They are running low power tests right now with just the exciter at about 50 watts to check and tweak their antenna pattern. At this time, they will keep it on most of the time. Once these are complete, they will go to full power. The antenna is a rhombic at 180 degrees. They are using a cable to feed the signal to this transmitter. While the tests are // to WTJC on 9370, WBOH will have about 50% Spanish programming of its own. Like WTJC, it will be on 24/7. The

website says the call stands for Worldwide Beacon of Hope. They will verify these tests. They will also write the power on the card if you ask them, they did for me when I heard them at low power during an ice storm a few years ago (Hans Johnson, Sep 30, Cumbre DX/DX Listening Digest/Hauser-OK)

The FCC has released a public notice showing the grant of a permit for the Aurora Communications International HF station in Alaska. The Site is at 11621 Sterling Highway, Ninilchik, AK 60-06-34 N 151-34-21 W. No Call Letters listed in the notice.

The notice also shows the grant of a new HF station to Grace Missionary Baptist Church, apparently at the same location as WTJC. (Donald Wilson, Sept 27/DX Listening Digest/Hauser-OK)

VATICAN Vatican Radio Sked eff. 27 October 2002 to 30 March 2003 [as usual, durations are not specified! If you really want to know, hunt for the same frequency elsewhere in the list, and leave a break of 5 minutes or so between services - gh]

0030	Portuguese	7305 9605
0040	Hi/Ta/MI/En	7335 9865
0100	Spanish	7305 9605 11910
0145	Spanish	7305 9605 11910
0230	French	7305 9605
0230	French	9660
0250	English	7305 9605
0300	English	9660
0310	Armenian	6185 9645
0315	Spanish	7305 9605
0330	Russian	6185 7345 9645
0330	Slovenian	4005
0330	Kiswahili	9660 11625
0345	Somali	9660 11625 Su
0350	Croatian	4005
0400	Ukrainian	6185 7345
0400	Amh/Tigr	9660 11625
0410	Czech	4005 5890
0420	Byelorussian	6185 7345
0425	Slovak	4005 5890
0430	French	9660 11625
0440	Lithuanian	6185 7345
0440	Hungarian	4005 5890
0500	Arabic	9645 11715
0500	Latvian	6185 7345
0500	English	9660 11625 15570
0500	Polish	4005 5890 7250
0520	German	4005 5890 7250
0520	Rumanian	6185 7345

0530	Portuguese	11625 13765 15570	1600	Vespers	Sa-Th 5890 7250 9645
0540	Bulgarian	6185 7345	1600	Kiswahili	15570 17515
0540	French	4005 5890 7250	1615	Somali	15570 17515 Sa
0600	Scandin.	7345 9645	1630	Amh/Tigr	15570 17515
0600	French	11625 13765 15570	1630	Arabic	11625 15595
0600	English	4005 5890 7250	1650	Italian	5890 7250 9645
0620	Italian	4005 5890 7250	1700	Armenian	9585 11715
0630	English	11625 13765 15570	1700	French	15570 17515
0630	Latin*	4005 5890 6185 7250 9645	1710	Fr/Eng	4005 5890 7250 9645 15595
0700	Hausa	11740 15595 11625 13765 15570	1730 1730	Russian	6210 7365 9585 11715
0700	It/Fr/En	4005 5890 6185 7250 9645 11740 15595 Mo-Fr	1740 1750 1800	Slovenian	4005 5890 7250
0710	Rumanian*	7250 9645 SU	1800	English	13765 15570 17515
0715	Ukrainian*	9850 11740 Su	1810	Ukrainian	7365 9585
0745	Arabic	5890 7250 9645 15595 Mo-Fr	1820 1830	Croatian	4005 5890 7250
0830	Italian*	7250 Su	1840	Portuguese	13765 15570 17515
0900	Spanish	5890 Mo-Fr	1845	Byelorussian	7365 9585
0930	Papal Aud	5890 We	1900	Hungarian	4005 5890 7250
0930	Oriental*	11740 15595 17515 Su	1900 1900	Lithuanian	7365 9585
1000	English	5890 Mo/Tu/Th/Fr/S a	1920 1920 1940	Czech	4005 5890 7250
1000	Portuguese	21850 Mo-Fr	1940	Latvian	7365 9585
1100	Italian	5890 Mo-Fr		Slovak	4005 5890 7250
1100	Angelus	5890 9645 11740 15595 21850 Su	2000 2000	Spanish	9660 11625 Sa
1130	Spanish	21850 Mo-Fr		Rumanian	6185 7365
1130	Italian	5890 Su		Polish	4005 5890 7250
1130	English*	15595 17515 Fr	2000	German	4005 5890 7250
1200	French	5890 Mo-Fr	2020	Bulgarian	6185 7365
1230	Chinese*	6020 15235 17515 Sa	2020	Scandin.	7250 9645
1230	Chinese	6020 15235 17515 Su-Fr	2030	Rosary	4005 5890 6185 7365 9660 11625
1300	Italian	5890 9645 11740 15595 21850	2030 2050 2100	Albanian	7250 9645
1300	Italian	15595 21850	2110	English	7365 9660 11625
1300	Italian	15595	2130	Italian	4005 5890
1315	Vietnamese	6205 17515	2145	Esperanto	7250 9645
1330	Russian	13645 15595	2200	We/Th	9645 Mo
1400	Spanish	9645 11740	2200	It/Engl	4005 5890 Su
1415	Portuguese	9645 11740	2230	French	7365 9660 11625
1430	Hi/Ta/MI/En	9865 13765 15235	2250 2315	French	4005 5890 7250 4005 5890 7250 4005 5890 7250 4005 5890 7250 4005 5890 6205 7305 4005 5890
1500	Ge/Pol	5890 7250 9645		Vietnamese	7305 9585 4005 5890 7250 4005 5890 7250 4005 5890 7250 4005 5890 4005 5890 4005 5890 Su 7305 9600
1530	Italian	5890 7250 9645 Fr			
1530	English*	9865 13765 15235 Sa			
1530	Music	5890 7250 9645			

*=Mass/Liturgy
(Sked via Wolfgang Bueschel - converted from spreadsheet to text format by Alan Roe/DX Listening Digest/Hauser-OK)
format by Alan Roe/DX Listening Digest/Hauser-OK)

Pirate Radio Report

Chris Lobdell • P.O. Box 146 • Stoneham, MA 02180-0146 • clobdell@attbi.com

Hello and welcome to the November 2002 edition of the **Pirate Radio Report**. Well, by the time you read this Halloween 2002 will be history. Hopefully there was a lot of activity and you will report your logs to us here.

Europirate Season Is Here

Yes, it my time to remind all of you on the East Coast of North America that this is the season to try for these stations. Most operate between 6200-6300 kiloHertz and sign on the air between 0500-0800 UTC on Sunday Mornings. Also, you can try for **Wrekin' Radio International** on 12265 kHz and **Radio Free London** on 5805 kHz. The high frequencies find **Alfa Lima International**, the Dutch regular on 15070 kHz and the Dutch Pirate Sensation AM has been noted around 0600 UTC on 15725 kHz. Last year, several Dutch pirates congregated about 21890 kHz on Sundays between 1200-1600 UTC, so keep an ear tuned there as well!

Loggings, sure, we've got em, thanks to Joe Wood-TN and George Zeller-OH.

Betty Boo Radio, a Halloween pirate was logged on October 16th, 2002 on 6953 kHz AM from 2309-2339 UTC. OM announcer named Kiel Ovrandy presenting the Halloween show. IS at 2309 of "Boop, Boop de Boop: followed by a pipe organ fanfare. Station ID by KO at 2314 and 2316 along with address of POB 28413, Providence, RI 02908. Station IDs at 2323 and 2337 by James and Ravi Brown-yard. Address given by Ravi was in Calcutta. Songs included: "I Want to be Bad" by Betty Boop at 2326, "Hell's Bells at 2330," "I'm the Bogeyman at 2334," "Skeleton in the Closet at 2330," and others. [Wood-TN].

Captain Morgan was presumed to be the one heard on 6950 kHz in AM on October 12th at 0108-0133. Celebrity Jeopardy with Sean Connery, Nicholas Cage, and YL at 0115. Chants of "Jerry" from "Jerry Springer Show" at 0109. Songs included: Dixieland Jazz at 0108, Theme from "Rawhide" at 0110, "You Wear it Well" by Rod Stewart at

0110, live version of "Hot Stuff" by James Brown, "Capt. Morgan" by Garth Brooks at 0122, "Maggie May" by Rod Stewart at 0122, "Mail Order Bride" at 0128, and the theme from "Twilight Zone" at 0132. Signal lost at 0133 with no ID heard. [Wood-TN]

Radio Pigmeat International, a new pirate was heard on 6927 kHz in the AM mode on October 21st 2002 from 0117-0138 sign off. I caught the last few minutes of this transmission. It had a good signal. This broadcast was hampered by heavy vox QRM and static. Station ID and address of POB 1, Belfast, NY 14711 at 0133 and 0134. The ID was "You're listening to Radio Pigmeat International." Songs included "The Tide is High" by Blondie at 0117, "Vampire" at 0123, and "Living on the Front Line" at 0127, all of which had a reggae flavor. Sign off announcements at off with "Radio Salvation" at 0135. Signal lost at 0138. It sounded like a QSO about the show followed. [Wood-TN].

WMPR or Micro Power Radio, the Techno-Pop station was logged on 6955.1 kHz from 0157-0240+ October 14th featuring rock mx and some instrumental mx, with frequent OM/YL WMPR-6955 IDs. Solid AM signal. [Zeller-OH]

WPUP was logged on October 16th on 6953 kHz in the AM mode at 2212-2238 sign off. A very good reception with only slight fading and a little QRM/M. From the content of the show, I think this was a rebroadcast. The OM announcer mentioned Y2K, Monica Lew-enski. Station IDs at 2215 and 2229 as WPUP along with the Voice of the Runaway Pupar-ishi, Cat Eater Radio, and others. An address of POB 1 Belfast NY 14711 was given. Songs included "Children of the Grave" at 2212 and "Paranoid" at 2218 by Black Sabbath (with Ozzy), "Along Comes Mary" at 2223, Paranoia" by the Kinks at 2231, and others. Ads for Ken-L-Ration at 2228. Dogs barking at 2235. Lost signal at 2238. This was a good show with good music; you don't hear much Black Sabbath these days. [Wood-TN]

Until next month, Happy Pirate DX! 

QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010



Tibet Radio

西藏电台

hony Middleton, English Dept. Also signing was Marcela G.R. Campos, Directora. (Barbour-NH). f/d blue "Logo" cd. w/ ltr. and schedule in 7 wks. (Loudell-DE).

ARMENIA: Voice of Russia 9965 f/d cd. w/ personal ltr. in 6 wks. The only thing not on the cd. was the site. (Lawrenson-RI).

AUSTRALIA: Radio Australia 6020 via Shepparton f/d "Kangaroo" cd. w/ schedule and sticker in 6 mo. (Loudell-DE).

CANADA: CHU 7335 f/d "Sir Sanford Fleming Unveiling His Plan for Standard Time Zones" cd. w/ station profile in 2 wks. (Loudell-DE).

ECUADOR: HCJB 9745 f/d "Vintage 35th Anniversary" cd.; f/d "Vintage 1968 Project Outreach - Arrival of the Giant Transmitters" cd.; f/d "Vintage Guayaquil Colonial Architecture" cd; and "Saludos Amigos / 38th Anniversary Japanese Language Service" cd and "2002 Ecuador's Scenic Coast" cd each in an average of 1 mo (Loudell-DE).

ENGLAND: Radio Telefis Eireann 6155 p/d "Sheep Landscape" cd. w/ schedule in 3 mo. (Loudell-DE). Wales

Q S L

Reception report checked and verified.

Call-sign TBC Freq. 6130 KHz
 Location Lhasa Tibet Date: 6th Feb 2002 Time: 12:45 - 13:03 UTC
 Remarks your report is correct
 President Signed: *[Signature]*

MEMBERS NOTES: Rich D'Angelo says he can't believe the summer is gone. The Tibet QSL, as illustrated on this page, is the first one he has received in 9 weeks. He thought the drought was about water, not a lack of verifications. Bill Wilkins reports that the FCC has a TIS section in their website... www.fcc.gov/mb/audio/bickel/tis.html. This info may assist Marlin Field in his quest for the Cleveland TIS station on 1620. Wendel Craighead sent in some great clandestine QSLs. He was especially glad to get Khmer Krom since he has a number of Cambodian friends, some of whom are Khmer Krom. Scott Barbour reports that Mrs. Gulya Bosacova from Radio Tashkent will be in the US

to do a feature on US listeners of Radio Tashkent. Great....Sam.

Radio International 9735 p/d "Logo" cd. w/ schedule in 8 mos. v/s Jenny O'Brien. (Loudell) 17625 via Rampisham f/d cd. w/ site and schedule in 280 ds. for \$1. (Barbour-NH).

ECUADOR: Radio Maria / La Voz del Napo 3279.5 f/d cd. w/ a long hand written ltr. and pennant in 3 wks. for a SP



中国邮政明信片
 Postcard
 The People's Republic of China

thanks for listening our program and Best wishes from Lhasa from Tibet.

To: Mr Richard A. D'Angelo

from: Tse Ring Diky
 "Holy Tibet"
 T.B.C.

如有任何疑问，请向本台联系
 Please, if you have any questions, please contact
 西藏电台 国际广播部
 International Department of Tibet Radio Station



rpt. and \$1.00. v/s Wilber Tanguila. (Loudell).

FRANCE: Radio Jamahiriya

21675 via Issodun cd. in 142 ds. via the Malta address. (Glotzbach-NM).

GERMANY (West): Radio Africa

International 15265 via DTK Julich f/d "Africa" map cd. in 12 ds. for ms. (Loudell-DE). Voice of Croatia / HRT 9925 via DTK Julich f/d "Building" cd. in 5 wks. for \$1.00. (Loudell-DE). Sudwest-rundfunk / SWR 7265 f/d long "Logo and Globe" cd. in 2 mos. (Loudell-DE).

GUAM: Armed Forces Network

13362 f/d ltr. from the Media Center w/ site While in central Asia this was the only AFN outlet that was audible.

Emisoras Ondas del Orteguzaza
Florencia-Caqueza
Colombia-Sur America
onda larga
HJAU-1480 KHZ
onda corta
HJQA 4875 KHZ
F.M.
91.7 MGHZ
Verdadera potencia
Agradecemos infinitamente
su amable sintonia.
sonora, orgullo de la region

STATION NOTES: Voice of Indonesia 11785 v/s Amy Aisha. Addr: P.O. Box 1157, Jakarta 10001, Indonesia. Radio La Hora 4855.6 v/s DXer Carlos Gamarra Moscoso. Addr: Avenida Garcilaso 180, Cusco, Peru. Radio San Antonio 4940 v/s Juan Lopez Encinas, Director. Addr: Calle Iquitos 499, Atalaya, Ucayali, Peru. Radio Fides 6155 v/s Rafael Mendieta. Radio Santa Cruz 6135 v/s Ma. Yolanda Marco Escobar, Secretaria de Direccion....via PLAY DX...Sam.



and a personal ltr. in 41 ds. for 1 IRC. v/s Guisele Berkel-Larmonie, Listeners Service (Barbour-NH).
GUATEMALA: TGNA Radio Cultura
3300 cd. w/ ltr, schedule, tourist brochures and a station pennant in 346 ds. (Glotzbach).
IRAN: Islamic Republic of Iran Broadcasting
9610 and 11970 f/d "Khaju Bridge" cd. w/ personal ltr. & books in 36 ds. for 1 IRC. (Barbour-NH).

DW

We are pleased to verify your report on the reception of DEUTSCHE WELLE.

Date 19.06.2002

Time 05.00 - 05.45 UTC

Frequency 9670 kHz

Station Antigua

Your report has been checked with our schedules and found to be correct. We would appreciate receiving further reports from you.

H. N. W.

Horst Scholz
Transmission Management
DEUTSCHE WELLE - 50568 Köln - Germany



OTW Technische Dienstung 50568 Köln
Scott R. Barbour jr.
P.O. Box 893
Intervale, NH 03845
USA

MINISTÈRE DE L'INFORMATION
SECRETARIAT GENERAL
DIRECTION DE LA RADIODIFFUSION
TELEVISION DU BURKINA
SERVICE DES PROGRAMMES DE LA
DOCUMENTATION ET DES ARCHIVES

BURKINA FASO
UNITE-PROGRES-JUSTICE

Le Chef des Programmes

A

SCOTT R. BARRON
P.O. Box 233
INTERNATIONAL
O.S.A.

Objet : Rapport d'écoute

Monsieur,

C'est avec plaisir que j'ai reçu votre rapport d'écoute sur la
Radiodiffusion Nationale du Burkina.

Je vous remercie pour l'intérêt que vous accordez à la Radio Burkina et le
temps que vous lui avez consacré ; cela réjouit et reconforte l'ensemble du
personnel qui y travaille.

Tout en vous souhaitant bonne réception, veuillez recevoir Monsieur,
toutes mes salutations distinguées.

Chef de Service des Programmes

Tabiri OUEDRAOGO

JAVA: Voice of Indonesia 15150 f/d
cd in 8 mo. v/s Amy Aisha, Pre-
senter Mailbag. (Lawrenson-RI).

**LITHUANIA: WTJC Fundamental Broad-
* casting Network 9710 f/d** dark
blue "Special FBN Lithuania" cd.
in 2 wks. for ms. (Loudell-DE).

MOLDOVA: Voice of Russia 7180 via
Kishinyov f/d "VOR Waves" cd.
w/ ltr., schedule in 2 mos. (Loudell-DE).

PAKISTAN: Pakistan Broadcasting
Service - Nepali Service 15625
"Naran High Mountain Range" cd.
w/ f/d ltr. in 5 wks. for \$1.00
v/s Sarfraz Alam, Engineer. (Loudell-DE).

PERU: Radio Luz y Sonido 3234.8 ltr
w/ schedule and postcards in 345
ds. for a SP rpt. (Glottbach-NM).

POLAND: Radio Polonia 11820 f/d
"Castle Square" cd. w/ schedule,
rpt. forms and a personal ltr. in
83 ds. for 1 IRC. v/s Rafal Kie-
puszewski, Editor of the English
Service. (Barbour-NH).

**PORTUGAL: Radio Portugal Internat-
ional 11900 f/d** "Mundo Dito Oil
Painting on Wood" cd. w/ sched-
ule, stickers and a CD of Portu-
guese music in 7 wks. (Loudell).
Deutsche Welle 9640 via Sines

f/d "Transmitting Site" cd. in 4 mo. (Loudell-DE).

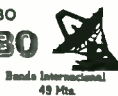
SLOVAKIA: Radio Slovakia International 5930 f/d "Copperplate Engraving:

STATION NOTES: Radio Banda Oriental 6155 v/s Nora San Martin, Directora.
Addr: Sarandi 328, Sarandi del Yi, Duranzo, Uruguay. **Radio Emisora**
Ciudad de Montevideo 6010 v/s Aramadz Yiz Meyian, Director. Addr:
Canelones 2061, Montevideo 11000, Uruguay. **Radio Ashgabat 5015 v/s**
Kakali Garaev, Chief of the Technical Service. Addr: Mollanepes St.3,
Ashgabat 744000, Turkmenistan. **BBC Asian Relay Station 9580 v/s Miss**
Sukanya C., Secretary. Addr: P.O. Box 20, Muang, Nakhon Sawan 60000,
Thailand. **Radiodiffusion Television Tunis** Addr: Le Chef de Service du
controle de L'Office Nationale de la Telediffusion O.N.T., c/o Abdes-
selem Slim, Cite Ennasim i Bour-
jel, Boite Post-
ale 399, TUN-1080
Tunis, Tunisia.
...via PLAY DX.



MUNICIPALIDAD PROVINCIAL DE PAUCARTAMBO
RADIO PAUCARTAMBO

"LA VOZ QUE TE ACOMPAÑA"



Z. DIRECTOR GENERAL DE RADIO Y TELEVISION PAUCARTAMBO

Certificado de sistema

Señor
JERRY SCHNELOTA
MS/JU/

Aunso recibo de su atenta sista del mes de Mayo del 2002
hbrmos escuchado en la Banda 49 sta queda muy complacido
por la sintonía nos agrado muy sobre manta llegar a la
distanca, traba jardo en beneficio de la sora antina.
Lo expreso en salud.

Paucartambo, 26 de Junio del 2002.



View of Bratis-
lava around 1735"
cd. in 6 mo. (Loudell-DE).

SOMALILAND (British):

*** Radio Hargeisa**
7530 p/d cd. w/
date and freq. in
6 wks. for a rpt.
sent to the Ger-
man address. Sent
\$1.00 for rp. (Bis-
hop-FL)...Gerry
tells me that the
station was heard
while he was at a

secret location in the desert. It was so remote he didn't even know where he was. Thank Allah for the nomads and the sheep herds...Sam. You could of saved a trip to the hospital if you wore those waist high rubber boots...Sam.

SOUTH AFRICA: Adventist World Radio

15295 via Mevertton f/d "New Millennium - The Flood" cd. in 10 ds. from the Indiana address. I also rcvd. a f/d "1996 World Transmitter Sites" cd. in 3 mos. from the Nairobi address. (Loudell-DE). **Radio Sonder Grense** 3320 via Mevertton **SENTECH** f/d "Antenna" cd. w/ site and schedule in 24 ds. for 1 IRC. v/s Kathy Otto (Barbour-NH).

SPAIN: Radio Exterior de Espana 6055 f/d blue "Logo" cd. w/ schedule and stickers in 2 mos. (Loudell-DE).

SRI LANKA: Deutsche Welle 17810 via Trincomalle f/d "Digital Radio Mondiale" cd. in 4 mo. (Loudell-DE).

SWAZILAND: Trans World Radio 9500 via Manzini f/d "Transmitter and Office" cd. w/ schedule and religious materials in 112 ds. for 3 IRCs and a registered ltr. (Barbour-NH).

C.P. 114
RADIO SAN MIGUEL
4525



FORMAR E INFORMAR ES NUESTRA META

Riberalta
Beni
Bollivia



Telef. 545 - Caillita 192 - c. Rafael Peña 58



MEMBERS NOTES: Bill Wilkins in Springfield, Mo says he sent an e-mail to Radio Saint Helena on August 31 and on September 4 he received a response from Claire Bennett, the new Station Clerk. She said that she could not find any record of my reports from 1998 and 1999; however, she said to e-mail the reports to her and she would get the QSLs out on the "next boat to Ascension." Wishing you good luck...Sam. Richard Lawrenson in Tiverton, RI says he still uses his old SWL card (WDX1QY) when reporting. It seems to work quite well.

SWEDEN: Radio Sweden International 9460 f/d "Bronze Head of a Bishop's Crozier" cd. in 2 wks. (Loudell).

THAILAND: Radio Thailand 9810 f/d "Thai Way of Life" cd. w/ schedule in 9 wks. (Loudell).

TURKEY: Voice of Turkey 11655 f/d "Fethiye, the Dead Sea" cd. w/ schedule and stickers in 5 wks. (Loudell).

US VIRGIN ISLANDS: WDHP 1620 f/d prepared cd. w/ sticker in 2 mos. (Loudell-DE).

VATICAN: Radio Vatican 9605 f/d "Towers" cd. in 1 mo. for \$1.00. (Loudell).

ZAMBIA: Radio Zambia 6265 f/d cd. in 63 ds for 2 IRCs. (Wilkins-MO). **Radio Christian Voice Ltd.** 4965 f/d "Logo" cd. in 82 ds for 2 IRCs via registered mail. (Barbour-NH).

Short 4 page QSL Column this month. We have had a few with 3 pages. However, some very interesting QSLs. See you next month....

Sam

Pennants on this page via Dario Monferini.

RADIO TELEVISION POPULAR



RADIO TELEVISION POPULAR
CADENA NACIONAL

Medios de Comunicación
LA UNIÓN ES FUERZA

AM 838 KC
FM 88.3 MHz
SW 6195 KHz

La Paz - Bolivia
Sud América

LA PAZ Canal 4
CRUJERO Canal 4
POTOSI Canal 4
SUCRE Canal 11
COCHABAMBA use Canal 19

Net Notes

Tom Sundstrom • P.O. Box 2275 • Vincentown, NJ 08088-2275 • Fax: 609-859-3226 • trs@trsc.com
<http://www.trsc.com>

Compare this month's column to last month's iteration and you may note the fonts are different.

The home office changed last month, and the NASWA Webmaster will tell you it is for the better. An Apple iMac G4/800 MHz 17-inch replaced the Windows box. The changeover is ongoing, but so far so good and the iMac is a pleasure to use.

Gone are the problems of missing Windows files, overwriting of files, and blue "screens of death." The streaming audio players now play without hesitation.

Some files on the PC and on the Web sites have yet to be converted, but that all will be done in due course.

Radio-wise? The iMac sits next to the Ten-Tec RX-350 and JRC NRD-525. Preliminary tests show the noise levels (if any) are significantly less than with the PC.

Software for the Mac

Real's RealOne Player (for OS X only) is beta, but appears to be quite stable. As we mentioned last month, the optional audio-enhancing iQfx2 software is not available. The player will handle the audio distributed by live365.com. Dial up real.com and download the free application.

For DOS and Windows, GeoClock is a marvelous worldwide time-display program. Ralph Brandi suggested a Mac near-equivalent called Time Palette. We like it. There are no less than 11 different globe projections of the "Living Earth" and the political earth, including zoom levels; the program does not offer the 400+ customizable maps found in GeoClock. A floating time bar lets the user set up multiple clocks for cities around the world. And there is more. Review, download and purchase

(US\$30) the program from www.timepalette.com.

Internet Relay Chat (IRC) networks are a fun way to share information, live. See the how-to page at www.n1dk.com to quickly connect to the #swl chat room on the StarChat network. For the PC, mIRC (www.mirc.co.uk) is probably the most popular program. For the Mac, IRCle (www.ircle.com) and Snak (www.snak.com) are two offerings, but at the recommendation of Jay Novello we looked at the beta OS X-only AkwaIRC (akwairc.online.fr). It is still in development, but already it is our IRC program client of choice.

Separate chat clients for users for AIM, Yahoo!, ICQ, MSN and others are readily available, but we recently wrote about about an all-in-one PC program called Trillian. For the Mac, we just discovered Proteus in beta form (www.indigofield.com). It is a bit rough around the edges but the potential is there to load one app and deal with a number of different chat clients at the same time. Unlike Trillian, Proteus does not (so far) seem to connect to IRC servers.

English Language Schedules

Revisiting Mark Fine's Web site for alternatives to the PC-only receiver control software, I have had another close look at the Java browser with the continuously updated schedules. Arrayed by country, frequency or time, the application is very easy to use. It is much easier than digging through reams of paper: www.fineware-swl.com.

In the next month we expect to do some update work on the Winter SWL Festival Web site. A few things have been gathering in the electron pile here. Check it out at swlfest.com and mark your calendars now.

Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty3@worldnet.att.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Frank ADEN, Boise, ID	no equipment listed
Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	ATS 818, RS antenna system
John BEATTIE, Ventura, CA	no equipment listed
Jerry BERG, Lexington, MA	R8A 165' LW
Ralph BRANDI, Tinton Falls, NJ	AOR7030, R8, 250' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Jerry ERVINE, Hidalgo, TX	R75, R2000, 5 band Vert, wire, Palomar preamp
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
Joe HANLON, Phila, PA	SW8, EMF ant., ICF-SW7600G w/active ant.
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
George MAROTI, Mt. Kisco, NY	R8B, 2010, 30/45 m. dipoles
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, active antenna
John MOSMAN, Madison, WI	RX320, 80' LW
Mike PACE, Tipton, IA	Drake SW2, MFJ1022
Steven WISEBLOOD, Brownsville, TX	DX160, 100' long wire
Gerald WITHAM, Keaau, HI	R8, 185' split LW, ANC-4
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna
Dan ZIOLKOWSKI, Franklin, WI	RX320, 100' wire antenna

Many thanks to this month's contributors. A nice turn out for the month. I wish you a very Happy Thanksgiving!

73

Bob Montgomery



Pirate Radio Extra—Vox America Offers Refund!

Were you one of the pirate DXers that heard this station back in April of 1995, sent the required \$3.00 for a QSL and were stiffed? Well, the station is back and is offering refund your \$3 if you send a request to them at their new maildrop: Box 1, Belfast, 14711. (Overflow from Chris Lobdell's Pirate Radio Report column.)

Tropical Band Loggings

Dan Ferguson • 12053 Kahns Road • Manassas, VA 20112 • troplogs@zerobeat.org

Deadline via Distribution Editor is Nov 10; or direct to troplogs@zerobeat.org by Nov17. DanF

- 2850 **N.KOREA KCBS** Pyongyang 1145 talk by man, sounds like a preacher in Spanish. Very weak, in the clear. 1148 seems to be abruptly gone. 1152 back with a man with a few words to music, female vocal, opera like, so must be Korea. 1200 time pips, very weak now, to talk., 1212 still here. 10/5 (Ziolkowski-WI)
- 3205 **BRAZIL R. Ribeirao Preto** 0022-0030 M PP prayers at t/i. Best copy of this one in sometime. S5 w/ rapid fades or flutter. W began comments at 0030 with what might have been the news. 9/17 (Montgomery-PA) 2 M in PP 2320-2334 w/futbol pre-game, crowd noise in background. Game started at 2333, visitors from "Bogota" ID heard during tlk. Poor 9/18.(Barbour Jr-NH)
- 3235 **PAPUA NEW GUINEA R. West New Britain** 1041-1047 Talk by M in Pidgin, followed by some lively music. Mention of "National Capital District", then more lively music. SINPO was 34433 with S8 signal strength, but the modulation was a bit low. 9/28 (Maroti-NY) 1216 local announcements by man in local language, upbeat pop/vocal music (Wiseblood-TX 9/30)
- 3240 **SWAZILAND TWR Swaziland** in Swazi? 0327-0348* M w/rel tlk and hi-life mx. Canned "TWR Swaziland" ID @ 0330. Choral mx and rel tlk until s/off w/2 ment. "Mozambique", IS. Good! 10/5.(Barbour Jr-NH)
- 3249v **HONDURAS R. Luz y Vida** 0330-0059 SS; rel mx and SS ballads. M tlk over music. ID during tlk at 0048 with freq announcement. Poor with deteriorating signal after 0058, 9/26. (Barbour Jr NH)
- 3260 **PAPUA NEW GUINEA R.Madang** 1044-1048 talk by M in Pidgin at tune-in, followed by vocals by YL. SINPO 34433. 9/28 (Maroti-NY) 1145-1204* w/bouncy vern pops, M ann. in Pidgin, fair sig w/notably good audio, but rapid fade to poor by time of ID 1203, brief orchestral anthem and off at 1204, but carrier still open past 1210. 9/28 (Newman-IN)
- 3266.5 **SULAWESI RRI Gorontalo** 1159 Oct 19, YL in Indo, SCI, poor, better at 1230 recheck.(Lineback-KS) 3266.4 1217 Mw/II nx w/taped reports from the field. Very Strong 9/30. (Wiseblood-TX)
- 3279.55 **ECUADOR V del Napo** 0750-0805+ SS ballads. Lcl rel pgming in lcl lang. Rel recitations. Choral mx. "R.Marie" rel pgming. Good-strong. Hd earlier around 0100-0300+ with a weak signal. 9/29. (Alexander-PA)
- 280.0 **CHINA VO Puijiang** 1219 presumed to be the one here with talk by a man & woman in a Chinese dialect, 9/30. (Wiseblood-TX)
- 291.25 **GUYANA Voice of Guyana** BBC World Service news followed by music program. //5975. Fair to good tonight. (D'Angelo-PA) R.Guyana 2, 0858-0920 Indian mx at t/i. Then male announcer with an event to take place this weekend in Georgetown which was providing free transportation. Gave phone numbers to call to make arrangements. Then back to American pop tunes. Fairly good audio with some fades at S10 signal level. Audio even though in the clear still below 100% modulation levels. 9/14. (Montgomery-PA) VoGuyana 0855 reading out birthday wishes, reggae song, ID @ 0901 as "The nation's sound, the Voice of Guyana" during more birthday wishes; excellent reception this morning, "You're listening to the Earlybird show, compliments of the Guyana Broadcasting Corporation", time check, into bhangra song; 9/21. (Brandi-NJ) VoGuyana(T) 0130-0230 EE, very weak, could only make out that lang was EE. M&W in very long talk apparently political by references to "the government" heard a couple times. Would like to get a solid log of this one. 9/21. (Brouillette-IL)
- 00 **GUATAMALA R. Cultura** SS 1115-1130, ID 1120 Rel. music. Good 9/13. (Ervine-TX)
- 15 **INDIA AIR Bhopal** 10/8 0024-0033 Song of India IS, followed by Vande Mataram, then brief announcement by OM. Mournful instrumental music followed. Presumed news by YL at BoH. A utility signal came on at 0031, making reception only possible on USB. Signal strength was good, S6-S7, but many static crashes spoiled things. SINPO 33232. (Maroti-NY)
- 15 **PAPUA NEW GUINEA Radio Manus** (Admiralty Islands), 1027-1102 Sep 26, island music until ID and news at 1030, economic news at 1045 and sports at 1047. More music until 1101 ID. Poor at tune in but constantly improving as dawn approached. (D'Angelo-PA) 9/28 1050-1052 Talk by OM in Pidgin, then reggae music. SINPO 34333. (Maroti-NY)
- 25 **INDONESIA RRI Palangkaraya** 10/16 2157-2201 Soft vocals, then "Radio Republik Indonesia" ID by OM. Song of the Coconut Islands at ToH. SINPO 23232, pretty good considering this was during a nor'easter. (Maroti-NY) RRI Palangkaraya, 1205-1212 Oct 19, M w/RRI nx, fair over Guat. (Lineback-KS)

- 3325 GUATEMALA *R. Maya de Barillas* 0909-0923 At tune in, a very pretty song by a female vocalist in SS. Male announcer with ID hrd at 0909 in unknown language. ID as Radio Mayo. Then to brief announcements and back to SS mx. Very nice clear copy at S7 signal level with some fades, 9/14. (Montgomery, PA) SS 1039-1059, ID 1047, music, into regional language 1100, 9/13. (Ervine-TX)
- 3345 MOLUCCAS *RRI Ternate* 1157 10/19, Instrumental mx, SCI 1159, poor. (Lineback-KS)
- 3345 PAPUA NEW GUINEA *R. Northern* 9/28 1053 Ska music with OM vocals, PNG signals starting to fade. SINPO 23333. (Maroti-NY)
- 3350 COSTA RICA *CRI* via REE 0350-0400 9/21 SS, music, nx. (Ervine, TX)
- 3360 GUATEMALA *Radio La Voz del Nahuala* 0309-0340 10/9, instrumental music and talk in Spanish and Quechua. Marimba music after 0321 ID. Fair. (D'Angelo-PA)
- 3365 GHANA *R. Ghana Accra* 9/17 2250-2302 EE. Pop ballads and M over mx at 2259, "Good evening, hope you are enjoying the program" ID and local TC (7 o'clock). M w/nx; significant drop in audio quality. Fair-poor. (Barbour-NH)
- 3375 PAPUA NEW GUINEA *R. Western Highlands* 9/28 1055 Talk by M. SINPO 24332. (Maroti-NY)
- 3380 GUATEMALA *Radio Chortis* (t) 09/21. 0520-0530. "Hail Mary" and rest of a Church service in SS. Fair to Good. (Wood TN 9/19)
- 3905 PAPUA NEW GUINEA *Radio New Ireland* 1051-1106 9/26, W announcer with Pidgin/English talks, island vocals. Mentions of New Ireland during talk at 1056, romantic vocal and ID at 1100 followed by News. Seemingly popped up out of nowhere to fair level as sunrise approached. (D'Angelo-PA) (presumed) 9/28 1056 Ballad with M vocals. (Maroti-NY) 1159 Oct 15, GSTQ very faint, poor. (Lineback-KS)
- 3925 JAPAN *R. Tampa* (tent) JJ 1115-1218 9/20; ment Kyoto, M&W talk. Classical mx 1156. (Ervine, TX)
- 3976 INDONESIA *R. Pontianak* (tent) Lang. 1200-1300 most days. Fast talk w/music. (note: I was suprised to receive this. Have been listening regularly. I feel pretty sure of this since I do hear the "Coconut Song" when signing off. I have only seen reports on this station from Japanese SWLers. Good mx. (Ervine-TX) 1215 Oct 19, M in Indo, poor under AROs (Lineback-KS)
- 3995 GERMANY *DW* in GG 0503-0533 9/17. Report from UN w/commentary. Heavy qrm from hams w/fading toward end. (Ervine-TX)
- 4000.1 SULAWESI *RRI Kendari* 1216 M in Indo, poor 10/19. (Lineback-KS)
- 4052.47 GUATEMALA *R. Verdad* 0045-0505* variety of rel organ mx, lite organ mx, choral mx, marimba mx, lite instru mx. IDs, SS anmts, very little talk. EE ID anmts with addr, asking for rpts at 0221 & 0303, 0321. S/off with NA. Weak but in the clear. Fading up to fair to good levels at times. 9/28. (Alexander- PA)
- 4388.9 PERU *R. Imperio* 1036 man in Spanish preaching in a hall/auditorium with a lot of echo, 1108 religious announcements by man, brief upbeat religious vocal/choir music (Wiseblood-TX 9/28) 9/28 1025-1036 alternating talk by M&W, then the M alone. Folk-type song, with a canned ID heard over the music. At 1036, what sounded like a prayer service. SINPO 32332 with some sweeper QRM. (Maroti-NY)
- 4421.3 PERU *R. Bambamarca*; 1039 ads, man in Spanish greeting listeners, schedule of religious event for Sunday, 1044 "Gloria, Gloria, Gloria a Dios", into a man preaching before a live audience (Wiseblood-TX 9/28)
- 4461.55 PERU *Radio Nor Andina*; 1048 Andean stringed instrument/vocal music. Strong UTE QRM (Wiseblood-TX 9/28)
- 4606.4 INDONESIA *RRI Serui* 9/28 1116-1130 Was surprised to find this one still hanging in there Indo pops until 1129, when a M spoke briefly. Then, they played what I assume is their own interval signal (again I never heard this one before) ID at BoH as "Radio Republic Indonesia Serui" by M. SINPO 24332. (Maroti-NY)
- 4746.85 PERU *R. Huanta*; 1053 man in SS with TC, rel anmts (Wiseblood-TX 9/28) 1004 SS music an anmts, M w/ID. Poor 9/15. (Barbour NH)
- 4753.35 INDONESIA *RRI Makassar* 9/28 1057-1109 This one's been regular the past week. Indo pops w/ YL vcls, then brief talk by OM. At 1059 what I presume to be the Makassar interval signal; I never heard this one before. At ToH, into presumed news, followed by an "anthem" or patriot song. SINPO 23333. (Maroti-NY) 4753.3 1202 M w/RR1 nx, fair to good 10/19. (Lineback-KS)
- 4755 BRAZIL *R. Educaçao Rural* 9/28 0150 lite pop mx, ads, M w/full ID (freq, power, callsign, station phone numbers) 0155. Nx 0200. Very good. (Brouillette-IL)
- 4760.0 ANDAMANISLANDS *SAIRPort Blair* 1214 South Asian/subcontinental vocal music, 9/30. (Wiseblood-TX)
- 4770.0 ECUADOR *R. Centinela del Sur* 1055 SS vocal ballads, "musica romantica"; 10/2. (Wiseblood-TX)
- 4775 BRAZIL *R. Congonhas* 0035-0108* pop ballads in PP/EEg "Everytime you go away" w/M between song ID during tlc. M at 0100, w/weakening signal, over music until s/off. Fair-poor 10/2. (Barbour Jr NJ)
- 4775 PERU *R. Tarma* 1056 Cumbia vocal music, ballads, man in Spanish with announcements, a promos, slow choral anthem at 1100 with a prayer read by a man & woman in Spanish, 1: gave frequencies including 99.3 MHz, many "Radio Tarma" slogans; 9/28. (Wiseblood-TX)
- 4775 SWAZILAND *Trans World Radio* 9/17 0415 talk in German, music, into English program 0430, IS 0431, but signal fading out. (Brandi-NJ)

- 4775.0 INDIAAIR 1213 presumed to be the one here with talk by a man & woman in Hindi? (Wiseblood-TX 9/30)
- 4775.0 PERU R. *Tarma* 1054 Andean ballads, man in SS w/anmts, 1100 brief choral anthem, brief "oriental" sounding flute music filler, 1102 SS anmts. 10/2. (Wiseblood-TX)
- 4780 GUATEMALA R. *Cultural Coatan* 1211 religious announcements by man in Spanish, into cumbia vocal/religious music, brief instrumental filler music (Wiseblood-TX 9/30) 4779.995 R.Coatan (P)1120 mellow male Spanish vocal. Weak, noisy, swiper qrm. 1124 recheck M in SS, to another male vocal. 10/5.(Ziolkowski-WI) 4779.8 1105-1140 w/mostly instr. mx to 1130, then full ID 1130, and into rel tx. Pretty nice sig but sweeper QRM. Anncr. IDs several times as "Radio Coatan," but canned ID is "desde el municipio de San Sebastian Coatan, Radio CULTURAL Coatan." 9/28.(Newman-IN) 4780 presumably recently reactivated R.Cultural Coatan, long version of Guatemalan NA in progress at 1032 10/1, SS ID 1036 but couldn't get much out of it, then into what seemed like an inspirational message, then C.Am vocals. Fluttery, and not very strong, on a poor 60 mb morning. (Berg-MA) 1048-1057 10/7 M w/long tlc; several men's "mano y mano" and ID, ballads. Fair-poor. (Barbour Jr-NH)
- 4781.35 ECUADOR R. *Oriental* 1055 man in Spanish with TC, announcements, ads, promos (Wiseblood-TX 9/28) 4781.3 (tent) 9/11 0155-0208, SS, very old LAM romantic vocals. Continuous mx over TOH, then anmts by W at 0208. No ID hrd. Poor in QRN. (Brouillette-IL) 4781.37 10/9 1005 local music with accordions, ID 1018.(Brandi-NJ) 4782v (Presumed) 10/02 0926-1004 SS. M w/tlc, musical bridge and applause 0930. Tent ID & fanfare w/mention, "Tena". Music program until 1001, same fanfare and tent ID 1003. Poor with "sweeper" QRM. (Barbour Jr NH)
- 4790 INDIA AIR 9/19 2358 IS, into talk 0000; lots of static, hard to make out any words, but IS was definitely them. (Brandi-NJ)
- 4799.8 GUATEMALA R. *Buenas Nuevas* 0209 Mayan dialect, M w/Bible readings. VG. (Brouillette-IL)
- 4805 BRAZIL R. *Dif.de Amazonas*, Manaus, 0933-0945 soft mx at tune in. S9 signal level with only interference caused by the sweeper. Otherwise, very nice reception. Continuous mx. ID tentative as no ancr hrd. Mx in PP & SS. 9/14.(Montgomery-PA)
- 4815 ECUADOR R. *Buen Pastor* 1103 presumed to be the one here with Andean vocal/religious music, 9/28.(Wiseblood-TX)
- 4820 BOTSWANA R. *Botswana* w/barnyard serenade 0255 9/22; weak this night. (Berg-MA)
- 4824.4 PERU *La Voz de la Selva* 1053 M in Spanish with local anmts, ads, promos, 10/2.(Wiseblood-TX)
- 4830.0 VENEZUELA R. *Tachira, San Cristóbal*; 1050 beautiful vocal ballads with harp accompaniment, 10/2.(Wiseblood-TX) SS 2316-2328 10/8 M w/mx and tlc. Anmts and ID over mx 2327. Weak w/QRN chatter, 10/8.(Barbour-NH)
- 845 RF GUATEMALA R. *Kekchi* 9/11 0214 Mayan dialect, SS Christian vocals & EZL mx, M ancr w/tlc in Mayan dialect, TC's in SS. Several clear mentions of R.Kekchi. Back on air with very strong signal and crisp modulation.(Brouillette-IL) 0145-0258* presumed, lcl rel mx, marimba mx, lite instr mx. Kekchi talk. No ID hrd. S/off with NA. Weak. Must use ECSS LSB due to Brazil's R.Cultura on 4845.24. 9/28.(Alexander-PA)
- 845.2nf BRAZIL R. *Ternura* 9/18, 0245, PP, M w/long list of events. Many ments of Brazil, and many passing ments of "R. Ternura". Thought it was "Cultura" at first, but it is "Ternura". Audible clearly only after R. K'ekchi s/off. Fair -good- Heard regularly since. (Brouillette-IL)
- 356.2 PERU *LaHora* 1046M&WSSanmts,Andeanflute/vocalmusic,MSScommentary10/2.(Wiseblood-TX)
- 360 INDIA AIR *Delhi* 1230, time pips, YL w/EG nx, poor 10/19.(Lineback-KS)
- 365.0 BOLIVIA R. *Centenario* 1030 apparent s/on, opening anmts by M in SS, ads with a musical jingle, news and commentary by M in SS, promos, 10/2.(Wiseblood-TX)
- 376.6 BOLIVIA *La Cruz del Sur* 1031 SS anmts by M, many mentions of "La Cruz del Sur", long SS political talk & commentary by man, 10/2.(Wiseblood-TX)
- 83.0 CHINA *China R. International* 1210 announcements by a man in a non-tonal Asian language, 9/30.(Wiseblood-TX)
- 85 BRAZIL R. *Clube do Para* 0216-0238, PP, phone-in show, clear ments of "R.C.do Para", ads, including one for an herbal sexual enhancer, reports on upcoming soccer at the "Estadio Francisco Vasques". Very good 9/28. (Brouillette-IL)
- 90 PAPUA *Nat Radio* 1201 M w/EG nx, poor 10/19. (Lineback-KS)
- 95 MALAYSIA *RTM Kuching Sarawak* 1207 local news by a man in Malaysian dialect with mentions of Kuching, 9/30.(Wiseblood-TX)
- 95 CHINA ? 1206 announcements by a woman in Chinese, 9/30.(Wiseblood-TX)
- 15 BRAZIL R. *Anhanguera* 0125 PP, PSA's, soccer scores, several M in animated discussion. Several mentions of "Anhanguera". Good 9/25.(Brouillette-IL)
- 5 BRAZIL R. *Difusora Macapa* 0442-0458 PP/EE. Pop music by Cyndi Lauper and Queen. ID, freq. anmts 0455. Battle w/"sweeper" for dominance 9/14.(Barbour-NH)
- 5 GHANA *Voice of Ghana* 2200-2215 M EE ancr w/pop mx and news. Poor to very poor 9/17. (Wood-TN)

- 4925 **INDONESIA RRI Jambi** 1101-1106 call to prayer at tune-in, then talk by YL, followed by a song with YL vocals. SINPO 22332 with some ute and sweeper QRM 9/28. (Maroti-NY) 1204 M&W Indo nx, taped reports. 9/30. (Wiseblood-TX)
- 4950 **ANGOLA R. Nacional** 0149-0207 2 M in PP discussion; fanfares and 5 pips at TOH. M w/apparent nx, Nairobi given as one dateline; then Warmcr w/pop mx; 10/2. (Brouillette-IL) 2129-2151 M&W in PP tlk w/several mentions Angola & Congo; ID 2145; weak and fading after 2150. Poor 10/2. (Barbour-NH)
- 4950 **INDIA AIR** presumed with news by M in Hindi 1203, 9/30. (Wiseblood-TX)
- 4959.8 **DOMINICAN REPUBLIC R. Villa** 0150 SS, mix of pop and the traditional bachata music. M ancr. Canned ID near TOH ments FM 100.5 only (no SW) as part of elaborate ID ann. Vy good 9/18. (Brouillette-IL)
- 4985 **BRAZIL R. Brasil Central** 0200 PP nx, soccer scores, excited M anncr. Ments. "Brasil Central Informativa." Giving TC almost every minute, sometimes gives time in "UTC"!! 9/25 (Brouillette-IL)
- 4960 **ECUADOR Radio Federación Shuar** 1034-1051 man talking in Indian language followed by rustic vocals and more talks. Fair signal 9/26. (D'Angelo-PA)
- 4991 **SURINAM R. Apintie** Paramaribo 0255 very weak at tune in of S5 with some minor static crashes. Mx in progress. ID tentative as not strong enough to get an ID. Fades down below noise floor for long time and back up. 9/29 (Montgomery-PA)
- 4992.5 **PERU R. Ancash** Huaraz 1010-1030 s-7 signal level with heavy static crash QRM. Ranchero mx managed to slip thru. brief SS anmts by M 1012. Canned ID w/jingle 1022; then W w/long comments. ID 1026; 9/18. (Montgomery-PA)
- 4995.5 **PERU R. Andina** Huancayo 1015-1030 M w/long comments in SS. S7 signal. (Montgomery-PA)
- 5005.77 **PERU R. LTC** Juliaca 1050-1600 ID strictly tentative as very weak and most of the time below the noise floor but pops up once in a while with some very nice Peruvian mx. I have been watching this freq for better than 2 months and still no solid copy. But is SS as have hrd the male ancr on several occasions. 9/28. (Montgomery-PA)
- 5009.8 **HONDURAS HRMI R. Misiones Int** 0215 M SS ancr shouting about upcoming religious rally, ID. Fair 10/2. (Brouillette-IL)
- 5010 **CHINA CNR2** (pres) 10/15 2214-2218 It looks like EE lang lessons are on again. What sounded like a taped presentation by a YL in American accented EE, then presumed translation/explanation by M in CC. QRM on LSB. 32443. (Maroti-NY)
- 5010 **DOMINICAN REPUBLIC R. Pueblo** 9/11 2310-2332 SS, Major League Baseball schedule. Talk of Sammy Sosa & Carlos Pena. Ad for Pepsi-cola. Nx at 2331 re September 11. Several IDs noted. Good (Barbour-NH)
- 5010 **MADAGASCAR R. Madagascar** 0259 9/28, choral anthem in progress, prgmng started 0301; poor. (Berg-MA)
- 5020 **SOLOMON ISLANDS SIBC Honiara** 1057-1110 nice copy w/M in EE at tune in. Some fades but fairly good copy. Talks about the attack on the twin towers which is part of a prayer reading at 1100. W ID 1102 complete with freq. Sgn off with NA 1103; then BBC EE nx 1104. Peaks of S9 at times, 9/28. (Montgomery-PA) BBC WS relay 1123 EE nx re medical policy in Australia's Northern Territories. Poor 10/15. (Barbour-NH) 1145-1205 BBC sports and news, //BBC 15190 Poor signal faded with daylight. Tentative as no local ID heard, 9/14. (Mosman WI)
- 5025 **BENIN R. Parakou** 9/25 2135 African pop music, FF tlk, IDs sprinkled throughout; starting to mix with Cuba by 2201, western pop R&B music. (Brandt-NJ)
- 5030 **BURKINA FASO Rdiff TVBurkina** 2231-2237 FF talk and musical bridges with canned ID 2232. New with mentions of Burkina Faso and Mali. Good 9/10. (Barbour-NH) Very strong 2245 with Africa vocals and patter in between, 9/28. (Berg-MA) 2328-0001* M ancr w/FF language phone calls wit listeners & highlife music to 2359 ID and s/off anmts; then by instl NA. Good 9/15. (D'Angelo-PA)
- 5050 **USA WWRB** 10/3 0125-0142 dance mx, ID, was test broadcast. (Paszkievicz-WI) 2356-0005 10/1 EE test freq w/rel programs. Station manager, Dave Frantz, with test announcement 0003. Poor w/some sort of SS QRM and bad het. (Barbour Jr NH) 0027-0100 preacher in EE; Prg change TOH with different preacher. No ID hrd but references to 5085 freq. 10/10. (Montgomery-PA)
- 5384.42 **PERU R. Huarmaca** 0056-0100 ID is tentative as too weak to really get much. Mx at tune in with occasional female announcer. S5 signal level with rapid fades. Station gone at 0100. 9/18. (Montgomery-PA)
- 5500.18 **PERU R. San Miguel** Pallaques 0106-0130 Some very nice Peruvian mx hrd with S5 signal level. M ancr 0109 with station ID as Radio San Miguel. Some short pgm anmt and jingles at 01 during tune. Ranchero type mx. Fair copy with some static crashes heard and appears to improving at 0116; 9/02. (Montgomery-PA)
- 5699.65 **PERU R. Frecuencia** San Ignacio 0020-0030 ID is tentative as fades down to noise floor and lots of rapid flutter; M ancr at 0021 with long talks. But for a 100 watt station, is audil Back some very pretty Peruvian mx 0023. (Montgomery-PA)

Check out the #swl channel on the StarChat IRC network. There are usually several listeners there. next time, 73, DanF

International Band Loggings

Wallace C. Treibel • 357 N.E. 149th Street • Seattle, WA 98155 • nwhikers@msn.com

- 5920 test **USA WBOH** Newport, NC in EG 0715, audio loop announcing tests, request reports to QTH, USA Radio News, contemp'y gospel mx, relaying sister station WTJC's programs for now (9370) and ID'd as WTJC, website, signal drift (Brandi NJ, Berg MA 9/30, Hanlon PA, Barbour NH 10/9, Srebnick NJ)ED: Both stns are part of Fundamental Broadcasting Network (FBN) and new station WBOH stands for Worldwide Beacon of Hope. Heard variously at 0132, 0226, 0340, 0715, and 0830.
- 5955 **SOUTH AFRICA Channel Africa** in PT 0445, IS, pgm'g in PT, ID in EG, s/off 0455 (Brandi NJ 9/30)
- 5985 **CONGO RTV Congolaise** Brazzaville in FR 2056, Afro pops, ID (Barbour NH 10/2, Brandi NJ 9/25)
- 5995 **MALI RTVM** Bamako in FR 2345, Afro pops, folk mx, NA at 0001 s/off (Alexander PA 9/20-21)
- 59967 **PERU R Melodia** Arequipa in SP 0919, noticias, OA mx, quick ID, f (Berg MA 9/20) ED: only 4 kw.
- 5055 **JAPAN R Tampa** Tokyo in JP 0725, continuous talks, f, //9595 (Witham HI 9/5)
- 5070 **CHILE Voz Cristiana** Santiago in SP 0830, relig pgm, vg, //11745, 15375 (Alexander PA 9/29)
- 51348 **BOLIVIA R Santa Cruz** in SP 2320, futbol coverage, TC's, ID's, f (D'Angelo PA 9/15)
- 5145 **CANADA R Japan** relay in EG *0000, Japan shortwave club special 50th anniversary pgm, ID, TC, nx, report on N. Korea (D'Angelo PA 9/15, McGuire MD 9/26)
- 5150 **SINGAPORE R Singapore Int** in EG 1203, nx, cmntry, guest rpts, civic concerns, mx (Ervine TX 9/7)
- 5160 **CANADA CKZN** St Johns Newfoundland in EG 0952, relay of MW outlet, mx, TC, ID as "Labrador Morning, CBC Radio", local nx items, wx "freezing fog", g (Barbour NH 9/25)
- 5170 **GERMANY R Free Europe** in Belarus 0450, tlk, interview, phone-in, mx, p, //9635 (Witham HI 9/21)
- 5180 **BRAZIL R Nac da Amazonia** Brasilia in PT 0417, LA mx, canned ID 0427, f (Barbour NH 10/6)
- 5200 **CZECH REPUBLIC R Prague** in EG 0119, tlk on violin making, portion of concerto for violin and piano, g, //7345 (Newbury NE 9/29)
- 5350usb **HAWAII AFRTS** relay Pearl Harbor in EG 1430, YL tlking abt ice cream, g (Aden ID 9/20)
- 538usb **PUERTO RICO AFRTS** relay in EG 0600, "Sports Overnight", solid signal in Idaho (Aden ID 9/21)
- 5410 **BELARUS R Minsk** in EG 0210, nx, ID 0212, feature on privatization (Brandi NJ 9/20)
- 550 **INDIA AIR** Gorakhpur in Nepali 0205, tlk, local mx, p, //9810, 11715 (Witham HI 9/6)
- 550 **NIGERIA V of Nigeria** Ikorodu in EG 2251, nx abt Nigeria, signal level fades (Montgomery PA 9/21)
- 5601v **VANUATU R Vanuatu** in EG 0845, western pop mx, ments of Vanuatu, ID 1014 (Brandi NJ 9/14)
- 565 **GERMANY SWR** Stuttgart 3 in GM 0237-0433, Eurodance mx, US pops, nx, wx rpt, birthday wish-est o several US celebrities, references to Baden Baden, vg (Wood TN 9/21, Brouillette IL 9/27)
- 5899v **USA WJIE** Louisville KY in EG/Urdu? 0730, tlk and S. Asian mx, Cyprus QTH, ancmt as "You've got a friend in the High Adventure Global Radio Network", ID (Berg MA 9/29, Pace IA 10/2)
- 590usb **DIEGO GARCIA Afghanistan Information Radio** in Pashto/Dari 1705, continuous Afghan local mx, weak signal on clear channel (Barraclough UK 9/17)
- 595 **UNITED KINGDOM Laser Hot Hits** in EG 0248, ID's, lots of pop rx from 70's and 80's, fair signal with fades, //6219 but very weak (Montgomery PA 9/28)
- 5910 **BULGARIA R Bulgaria** in EG *2300, IS, ID, fqy, sked, nx, a lot about Iraq and US plans, references to UN and terrorism, classical mx (Brouillette IL, Mosman WI, Ervine TX, McGuire MD)
- 5920 **SLOVAKIA R Slovakia** in EG 0120, tlk on problems of getting actors for film, ID (Newbury NE 9/29)
- 5930 **CHINA Tibet Peoples BS** Lhasa in CH/EG 1054, "Holy Tibet" pgm, CH singing, ancmt, into YL in EG tlk, back into CH 1120, f-p (Berg MA 10/1)
- 5940 **PHILIPPINES R Veritas Asia** in EG/CH *0950, pop mx, Rod Stewart, Beatles, Dan Fogelberg to 0959 IS(trumpets), ID, TC, fqys, into CH 1000 w/church bells and prayer, f-g (Barbour NH 9/15)
- 5950 **CUBA R Reloj** Havana in SP 0740, nx, ID, pips and Morse "RR" every minute, off abruptly at 0747 in mid-sentence (Brandi NJ 9/21)
- 5960 **CANADA R Korea Int** via Sackville relay in EG *0200, ID, nx mainly about North and South Korea relations and possible reconciliations, exc (Brouillette IL 9/10)
- 5970 **AUSTRALIA RA** in EG 1350, regional mx w/OM explaining its derivation, g (Ervine TX 10/9)

- 9580 **BOSNIA R Yugoslavia** relay in EG *0000, IS, ID, nx, weekly folk mx pgm, ann'cd broadcasting on //11870 but heard on 9580 only, vg (D'Angelo PA 9/23)
- 9620 **GERMANY R Free Europe** relay Juelich in Armenia 1650, tlk, ID "Svabota", ments America, Kabul, Ground Zero, and NATO, g (Witham HI 9/2)
- 9625 **GERMANY R Free Europe** relay Biblis in Serbo-Croat 1730, ment Croatia, "Svabota" ID, other ments of Yugoslavia, Milosavich, Taliban, Iraq, Washington, G. Bush etc., p, //13635 (Witham HI 9/7)
- 9665 **SINGAPORE R Singapore Int** in Malaysian 1136, tlk w/2 YL's, ID, pop mx, f (Barbour NH 9/27)
- 9675 **BRAZIL R Canção Nova** in PT 2200, lots of animated tlk, some mx, long list of ZY stns read, promos, jingles, QRM from RAI 2235, f-g (Berg MA 9/14)
- 96838 **BRAZIL R Gazeta Sao Paulo** in PT 000-0100+, tlks, ads, jingles, //153248, p (Alexander PA 9/14)
- 9690 **SPAIN China R Int** relay in EG 0308-0356, nx, cmntry, rpts, interviews, mx bks (Ervine TX 9/12)
- 9695 **BRAZIL R Rio Mar Manaus** in PT 2223-2306, "A Voz do Brasil", ID, relig tlk, f-g (D'Angelo 9/17)
- 97372 **PARAGUAY R Nacional Asuncion** in SP 0843, lcl patriotic mx, ID, signal strong but distorted audio (Brandi NJ 9/21) in SP 2352, futbol coverage w/lively announcers, g (D'Angelo PA 9/14) in SP 0216, Spanish ballads, ID 0227, into nx pgm, f (Beattie CA 10/11)
- 9760 **GERMANY R Free Europe** relay Lampertheim in RS 0425, RS vocals, "Svabota" ID, p (Witham HI)
- 9875 **LITHUANIA R Vilnius Sitkunai** in EG 2340, political pgm, tlk on industry/technology (Pace IA 9/29)
- 9895 **NETHERLANDS RN Flevo** in EG 2007, several hundred anti-globalization protesters arrested in Washington, D.C., exc (Newbury NE 9/28)
- 9935 **GREECE RS Makedonias Avlis** in GK 2111, nice pgm of GK ballads and folk mx w/DJ, positive II 2131, solid signal (Barbour NH 9/18)
- 9950 **INDIA AIR Delhi** in EG 2200, ID, nx re Sri Lanka rebels call for autonomy, vg (Barbour NH 9/18)
- 11600 **CZECH REPUBLIC R Prague** in EG 2235, Pres Havel visits US, //15545, vg (Fraser MA 9/18)
- 11600 **SEYCHELLES FEBA** in Malayalam 1820, relig tlk, ment Bible and ministries, ID, mx (Witham HI)
- 11640 **SEYCHELLES FEBA** in Punjabi, Pashto, Dari 2223-0300*, tlk, ID, address in Rawalpindi, Pakistan IS, into Pashto 0230, nice musical segments, into Dari 0245 w/radio play, f (D'Angelo PA 9/18)
- 11645 **RUSSIA Bible Voice BC Network** relay via Krasnodar in EG 2034-2115*, two canned relig pgm ID at closed-down, f (D'Angelo PA 9/14) ED: Transmits on Sat-Suns only.
- 11675 **IRAN VOIRI Sirjan** in EG 1935, call to prayer, nx, into cmntry on US vs Iraq, f (Fraser MA 9/11)
- 11700 **BULGARIA R Bulgaria** in EG 2315, cmntry on BG to join NATO, //9400, vg (Fraser MA 9/10)
- 11710 **ARGENTINA RAE** in SP/EG 0200, from SP to EG 0200, multi-lang ID's, nx, weak and barely audib under VOA relay Sri Lanka splash (Brouillette IL 9/24)
- 11720 **RUSSIA R Rossii Moscow** in RS 0205, ID in middle of nx, //7330 and many others (Brouillette 9/2)
- 117341v **TANZANIA R Zanzibar** in SH 2030, indigenous mx, tlk in SH, NA at 2059* (Brandi NJ 9/25)
- 11775 **ROMANIA RRI** in EG 0640, local nx, ID, rpt about changing phone numbers, sports nx (Witham I)
- 11840usb **RUSSIA R Rossii** relay Sakhalin in RS 0650, animated drama, ancmts, nx, //7200 until 0756 wh switchover to local programming, g (Berg MA 9/29)
- 118689 **COSTA RICA University Net** in EG 0005, sermon w/SP translation, //9725 etc. (Alexander PA 9/)
- 11925 **MOROCCO R Free Europe** relay in Serbo-Croat 1605, nx, ment America, Bush, Saddam, Mosc ID tlk, rpt mentioning Kosovo, Milosavich, f (Witham HI 9/14)
- 11930 **GUAM KSDA Agat** in EG 1011, contemporary Christian mx, ID as "Adventist World Radio", E-n address, clear signal until 1027 (Brandi NJ 10/7)
- 11930 **SRI LANKA R Japan** relay in Farsi *0229, IS, xmsn beamed to Middle East (Brandi NJ 10/8)
- 11940 **ROMANIA RRI** in EG 0402-0455, discussion about broadcasting in other languages, contesta mailbag pgm, nice mx (Ervine TX 9/20) in EG *2100, IS, ID, fqy, sked, rpt on Macedonia, cmntry about possible military action against Iraq (McGuire MD 9/15, Mosman WI 9/24)
- 11960 **TURKEY V of Turkey** in EG *2200, IS, pips, ID, fqy, sked, internet address, national nx, p review//12000 (Brouillette IL 9/15, McGuire MD 9/1)
- 11975 **MOROCCO R Free Europe** relay in BG 0610, nx, ment Bulgaria, "Svabota" ID (Witham HI 9/1)
- 11990 **KUWAIT R Kuwait** in EG 1810-1845, women's role in Islam, western mx, g (Mosman WI 9/1)
- 12085 **MONGOLIA V of Mongolia Ulan Bator** in EG 1008, nx, cmntry, tlks re Taliban, Iraq, India & Kartty QRM at times, mx at 1020, copy difficult due to flutter (Montgomery PA 10/7)

- 13605 **INDIA AIR** Bangalore in EG 0015, ID, HD mx, vocal w/sitar, vg (Montgomery 9/16, Newbury 9/30)
- 13755 **MOROCCO R Free Europe** relay in RS 1635, nx, rpts w/some in EG/RS translation, Svabota ID's, //11885, f (Witham HI 9/14)
- 15084 **IRAN VOIRI** Kamalabad in Farsi 2143, 2 men alternating nx items, ment Macedonia, Turkey, Iraq (Brouillette IL 9/15) in FR 1847, monologues, several ments of Iran (Costello NJ 9/15)
- 15100 **PAKISTAN RP** Islamabad in Urdu 1603, nx, ID at 1610, brief mx segment, long tlk (D'Angelo 9/22)
- 15110 **SPAIN REE** Noblejas in SP 2145, discussion re Catholic social services in Spain (Brouillette IL 9/15)
- 15120 **NIGERIA V of Nigeria** Ikorodu in EG 0536, YL calling for peace in Nigeria and a stronger economy, mx in local African language, strong signal w/slight fades (Montgomery PA 9/21)
- 15125 **INDONESIA RRI** Jakarta in IN/EG 1123, pop and dance mx in both langs, ID, f (Barbour NH 9/27)
- 15135 **RWANDA Deut Welle** relay Kigali 2110-2145, nx, cmntry re foreign relations etc. (Ervine TX 9/10)
- 15140 **ECUADOR HCJB** Quito in SP 2215, pen-pal pgm "Club de Amigos" (Brouillette IL 9/15)
- 151499v **INDONESIA V of Indonesia** Jakarta in EG 2042, tlk, mx, ID 2046, local songs, nx 2057, TC, fqys, "Love Ambon" at s/off 2102, f (D'Angelo PA 9/17)
- 15155 **NETHERLAND ANTILLES R Nederlands** relay Bonaire in DT 2217, sports rpts, this fqy is used only one hour a day from 2130-2225, exc signal (Brouillette IL 9/15)
- 15175 **AUSTRIA Adventist World Radio** relay in AR 1935, relig tlk and mx, website, ID (Witham HI 9/13)
- 15180 **NORTH KOREA V of Korea** Kujang in EG 0140, mx, tlk, ID, full sked of EG bcsts (Brandi NJ 10/1)
- 15230 **SAUDI ARABIA BSKSA** Riyadh in AR 2300*, full IDk, fqys, sked, abrupt s/off (Brouillette IL 9/15)
- 15425 **PHILIPPINES VOA** relay in EG 1316, mx pgm "American Gold", ID, weak signal (Barbour NH 9/30)
- 15455 **RUSSIA R Maryja** relay via Krasnodar in PL 0512, relig service, organ mx, hymns, ID (Barbour 9/10)
- 15485 **GERMANY Adventist World Radio** relay Juelich in AR 1920, tlks, AWR theme mx, into FR pgm at 2000, f (Witham HI 9/19)
- 5520 **THAILAND R Liberty** relay in Tajik 0210, nx rpts, speech excerpts in EG with translation, rpt from Johannesburg, tlk, //11660 - also via Thailand, both fqys poor (Witham HI 9/6)
- 5735 **ARMENIA V of Russia** relay Yerevan in EG 1940, "Science & Engineering", //9775 (Fraser MA 9/11)
- 5750 **GERMANY R Reveil** relay via Juelich in FR 1850, tlk, pop vocal "When You Gonna Wake Up", somber mx, ID, "Au revoir" at 1900*, f (Witham HI 9/19) ED: Transmitted on Thursdays only.
- 7560 **SPAIN REE** Noblejas in FR *1900, IS, pips, ID, fqy, sked, QTH, rpt on Middle East (McGuire 9/11) ED: One hour FR xmsn on weekends only, in AR the rest of the week (M-F)
- 7580 **AUSTRALIA RA** in EG 0430, nx, Australian poll on willingness to pay a levy to help in a war on Iraq revealed that 85% are uncertain about the wisdom of such a war (Newbury NE 10/1)
- 610 **GREECE R Free Europe** relay in AR 1720, cmntry, ments of Iraq, G. Bush etc. //9575 (Witham HI)
- 630 **THAILAND R Liberty** relay in Uzbek 0535, tlks, interview, ME mx, //21770 (Witham HI 9/4)
- 635 **THAILAND BBC** relay in EG 0315, ID, nx, rpt on elections in Albania, sports nx (Witham HI 9/14)
- 660 **ECUADOR HCJB** Quito in EG 2015, "Ham Radio Today", adjusting a transmatch (Fraser MA 9/11)
- 705 **USA V of Greece** relay Delano, CA in GK 1800-2200, tlk, nx, cmntry, ment Nicosia and Crimea, lots of very enjoyable GK mx (Ervine TX 10/9)
- 3332v **EL SALVADOR R Imperial** Sonsonate in SP 2310-0051*, back on the air after summer hiatus, SP ballads w/male vocals, canned ID as "Imperial 810 AM", abrupt s/off, p-f (Maroti NY 9/17)
- 135 **JAPAN R Japan** Tokyo in EG 0125, "Music from Japan", rpt on use of XTC in JP (Barbour NH 9/22)
- 40 **NORWAY R Afghanistan** relay via Kvitsoy in Pashto *1329-1403, ID, ancmts, nx, interview, one mx selection, good signal w/some echo effect (D'Angelo PA 9/15)
- 30 **ROMANIA RRI** in EG *0700, IS, ID, nx, rpt on Colin Powell's speech to the UN, p (Witham HI 9/5)
- 90 **RUSSIA Deut Welle** relay Petropavlovsk in EG 2345, rpt on disagreement between Swiss and German financiers, exc (Aden ID 10/10)
- 751 **FRANCE Telediffusion de France** at Rennes testing in FR/EG 1517-2110, loop running old pgms with multi-varied prgming such as FR language features and pop songs followed by EG segments, no ID's given, tlk re Hi-Tech amusement park, much mx by rock bands, reportedly using only 200 watt xmtr, p-f reception on ECNA w/deep fades (Brandi NJ 9/25, Montgomery PA 9/22, D'Angelo PA 9/14-15), (Barbour PA 9/25)

Clandestine, Tentative, Presumed, or Unknown

- 5940 **RUSSIA R Rossii** Magadan relay(p) in RS 1132, YL t/king over mx, p, no //s (Ziolkowski WI 10/6)
- 61147v **PERU R Union**(p) Lima in SP 0430-0800, t/king, ancmts, no ID hrd, Andean-style nx bridges, ballads, very rough audio quality (Berg MA 9/29, Alexander PA 9/28)
- 6165 **CHAD Rdif Nationale**(p) N'djamena in FR 2141, t/king, mx of tribal chorus hrd under co-chan Croatian Radio which took over at 2150, p (Barbour NH 10/8)
- 6215 **ARGENTINA R Baluarte**(p) Puerto Iguazu in SP 0004, brief comments at t/in, SP songs, nice guitar Mx w/vocals, tentative ID, QRM from ship traffic, f w/static crashes (Montgomery PA 9/23)
- 6536 **PERU Rdif Huancabamba**(p) in SP 0040, nice flute mx, short ancmts, vocals in SP, rapid fade noted, tentative canned ID 0044 (Montgomery PA 9/18)
- 69367 **CHINA R Yunnan**(p) Kunming in CH 2301, very nice mx but unable to get an ID due to static crashes, (Montgomery PA 9/10)
- 7120 **CLANDESTINE V of Islamic Revolution of Iraq** from Ahwaz, Iran in AR 0330, several ID's, martial mx, t/king, Koran readings, QRM from BBC relay South Africa (Hanlon PA 10/9)
- 7135 **MOROCCO RTV Marocaine**(p) in AR 2347, lots of AR style mx, strong signal w/some fades but very listenable, tentative ID, off at 2359 in the middle of a tune (Montgomery PA 10/9)
- 7310 **CLANDESTINE V of the People Zimbabwe** via Madagascar relay in AR 0350, t/king abt displacement & unions, mentions Zimbabwe, choral singing, ID 0400, Afro songs (Berg MA 9/22, Barbour NH 10/5)
- 7480nf **CLANDESTINE KRSI Radio Sedaye Iran** in Farsi 1810, soft-spoken YL w/mx and t/king, jamming at 1815, tentative with no ID rptd although logging indicated USA site (LA?) (Witham HI)
- 9800 **BULGARIA R Varna**(p) in BG? 2200, usable listening not possible before 2200 when there were a few notes (IS?), pips, nx-style t/king, vocal sel, studio t/king, t/out 2305, vp-p (Berg MA)
- 9925nf **CLANDESTINE R Dat** via Moldavia relay in Kazak 1505, long commentaries, many ment Kazakhstan brief incidental mx and ID 1515, new fqy repl 9775 (Barraclough UK 9/19)
- 9940 **CLANDESTINE R Internacional Iran** relay via Moldavia in Farsi *1630-1705, mx, ID, t/ks, brief nx bridges, fair at t/in but faded fast by 1645 (Barbour NH 9/30)
- 11805 **GEORGIA R Georgia**(p) Tbilisi in RS/EG 0510-0559*, fade in 0510, lots of classical and opera styl mx, interview? between sels, poor w/fadeout, no ID possible (Barbour NH 10/9)
- 12115 **CLANDESTINE Radio Sagalee Oromo** Ethiopia via Samara, Russia relay in Oromo *1731, ID over instrum'l mx, t/king w/ments of Hargesi, Djibouti, Yemen etc., off in mid-song 1800 (Barbour NH 9/20)
- 12125 **CLANDESTINE V of Biafra** relay via Krasnodar, Russia in EG 1926, t/king re politics in Nigeria, ID: "The Voice of Biafra coming to you from Washington, D.C.", regional mx, g (Witham HI 9/8)
- 13590 **GERMANY IBRA Sweden Radio**(p) relay from Juelich in Farsi *1645, t/ks, regional mx, Islamabad Pakistan QTH, g (Witham HI 9/14)
- 15580 **CLANDESTINE Radio Huriyo**(p) Ethiopia relay from Juelich, Germany in Somali 1647, tribal r, ment America and Hargesi, ID 1656 and s/off 1659, vg (Barbour NH 9/27)
- 15670 **CLANDESTINE V of Oromo Liberation** relay from Juelich, Germany in Oromo 1750, enthusias t/king, ment America, regional vocals, partial ID, off at 1800, f (Witham HI 9/7)
- 15675 **UZBEKISTAN V of Mesopotamia** in Kurdish 0405, regional mx, t/king, pop and ethnic mx, fade out at 0455, p (Witham HI 9/13)

Last Minute Logging

- This one arrived just as I was sending the column to Ralph Brandi, our esteemed publishing honcho:
- 21720 **SWITZERLAND SRI** Sottens in EG 1730-1820*, running nx rpts on business and govt. affairs, rpt into FR 1800 (Aden ID 10/17)

**WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE OCTOBER 27, 2002**

It always pays to check all RFPI frequencies beyond their scheduled hours. Schedule shown is nominal, but it is not unusual for one transmitter to be down, and for programming to run up to an hour late. Due to a temporary internet outage, the latest show may not be available.

WJIE schedule is flexible; WOR may also appear during the 0100, and 1700 UT hours, and may not be the latest show. Plans to add 13595 soon.

For latest updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

Days and times here are strictly UT.

Wed 2300 WOR WBCQ 7415 17495 [first airing of each edition]
Thu 0400 WOR WJIE 7490
Thu 1300 WOR WJIE 7490
Thu 2130 WOR WWCR 15825 [9475 in Dec, Jan, Feb]
Fri 0400 WOR WJIE 7490
Fri 1300 WOR WJIE 7490
Fri 2215 MR WWCR 9475 [or as early as 2210]
Fri 2330 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Sat 0100 COM RFPI 15039 7445
Sat 0130 WOR RFPI 15039 7445
Sat 0400 WOR WJIE 7490
Sat 0700 WOR WWCR 5070
Sat 0700 COM RFPI 7445
Sat 0730 WOR RFPI 7445
Sat 0900 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar, Telstar 12
SAM
Sat 0955 WOR WNQM Nashville TN 1300
Sat 1928 WOR WPKN Bridgeport CT 89.5 [week delay]
Sat 2330 COM RFPI 15039
Sun 0000 WOR RFPI 15039 7445
Sun 0330 WOR WWCR 5070
Sun 0515 WOR WJIE 7490
Sun 0530 WOR WRN to Europe only
Sun 0530 COM RFPI 7445
Sun 0600 WOR RFPI 7445
Sun 0730 WOR WWCR 3210
Sun 1500 WOR WRN to North America, also WLIO-TV Lima OH SAP
Sun 2030 WOR Studio X, Momigno, Italy 1584 1566 87.35 96.55 105.55
Mon 0030 WOR RFPI 15039 7445
Mon 0430 WOR WSUI Iowa City IA 910 [week delay]
Mon 0515 WOR WBCQ 7415
Mon 0630 WOR RFPI 7445
Mon 1300 WOR WJIE 7490
Tue 0400 WOR WJIE 7490
Tue 1300 WOR WJIE 7490
Wed 0100 WOR RFPI 15039 7445
Wed 0200 COM RFPI 15039 7445
Wed 0400 WOR WJIE 7490
Wed 0700 WOR RFPI 7445
Wed 1030 WOR WWCR 9475
Wed 1300 WOR WJIE 7490
Wed 2200 MR WWCR 9475

Latest edition of this schedule version is at:
<http://www.worldofradio.com/radioskd.html>

An expanded schedule also showing local times:
<http://www.worldofradio.com/wormast.html>

Internet on demand: see Our Current Audio page for availability:
<http://www.worldofradio.com/audiomid.html>

Webcasts at times shown are available from all stations
except WWCR, WNQM, WJIE, Studio X.

WRN: <http://www.wrn.org/live.html>

RFPI via SW feed: <http://www.boinklabs.com/ifpi.html>

RFPI direct webcast: <http://195.210.0.134:8004/listen.pls>

WPKN: <http://www.wpkn.org>

WSUI: <http://wsui.uiowa.edu>

Hope you can listen! 73, Glenn Hauser

WELCOME TO THE FOLLOWING NEW MEMBERS

EDWARD D. BOYNTON, Raleigh, NC
RICKY HEIN, Redfield, SD
MICHAEL KELLEY, Omaha, NE
JUNE E. CRONK, Lansing, MI
RAYMOND T. TUFO, Levittown, NY
JOSEPH D. SMITH, JR., Alexandria, VA

This month's cover is from Ron Howard and features Greg Clough who produced the Kang Guru II English program for RRI.

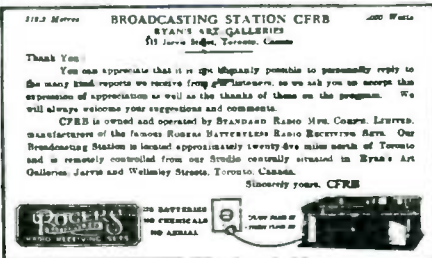
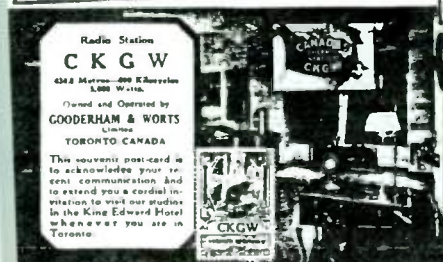
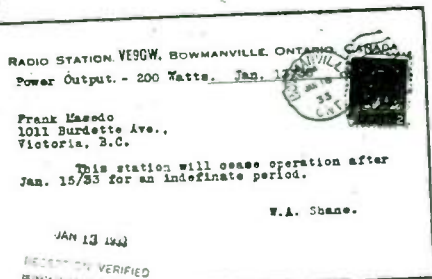
Notice:

You can access NASWA by email by using either weoliver@comcast.net or weoliver@att.net. The naswa@att.net link is still acting up occasionally

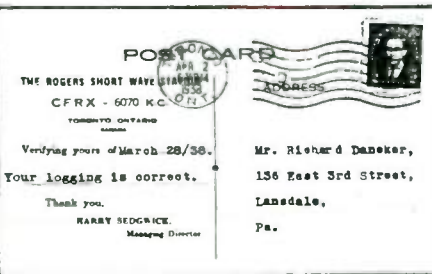
the CPRV page

COMMITTEE TO PRESERVE RADIO VERIFICATIONS

JERRY BERG, Chairperson • 38 Eastern Ave. • Lexington, MA 02173 • (617) 861-8481



Today's 49 meter Canadians offer a bit of what that country's shortwave story was like. Here we feature a couple of the early Canadians (we'll turn to Canada in the future). ++ the top are the front and back of a 33 veri from VE9GW, which, as can be seen, transmitted from Bowmanville, Ontario with 200 watts on 6095 kHz. (as 11 as 11810 and 24380). Frank Macedo is lucky to get this veri--it is dated January 13, 1933, and bears a notation at the station would cease operation 30 days later (which it did). VE9GW carried the programs of Hwer CKGW, whose dated veri is shown at bottom left. It's an EKKO stamp on the card,



graved with a picture of a beaver (Canadian EKKO stamps pictured a beaver, American EKKO's an eagle). ++ The veri at the bottom right is from old faithful CK, which was on 6670 kHz, as long ago as 1938. Above it is an interesting 1929 veri from the station's MW parent, CFRB. It was then owned by Standard Radio Manufacturing Corp. Ltd., producers of 'Rogers Batteryless Radio Receiving Sets.' The slogan had operated on batteries during most of the 20's. Note the slogans at the bottom of the card: 'No batteries, no chemicals, no aerial--Just plug in, then tune in.' CPRV is always happy to hear from people who have, or know the whereabouts of, a QSL's in need of a home. If you are interested in the future of your QSL's, contact our Registered Collections program operated by John C. Herkimer, P.O. Box 14423, Caledonia, NY 14423. We will supply stickers for your QSL albums, reflecting the wish that your veries be donated to CPRV when you are no longer able to enjoy them. Details from John Herkimer (business size SASE, please). ++ Till next time --

A Committee of the Association of North American Radio Clubs

16th Annual Winter SWL Fest

Sponsored by **NASWA**

March 7-8, 2003

Best Western—The Inn at Towamencin
(formerly Holiday Inn),
Sumneytown Pike, Kulpsville, Penna.

Plan to attend your favorite forums Friday and Saturday. Enjoy meeting with your friends in the Hospitality Room. Bring radio related items for the swap meet or to donate for the Silent Auction. Check out your friends' receivers, bring one of your own for others to try!

No frills; just shortwave, longwave, mediumwave, pirates, and scanning. Once again you will enjoy the camaraderie of your hobby friends.

Please note, there is an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible than in the past, with new one-day and student registrations. If you wish to participate in the meals, you must register and inform us that you will be attending by Thursday morning, March 6th. If you choose not to participate in the meals, the hotel has a restaurant, and there are other restaurants nearby.

Early Registration (rec'd by March 2, 2003)

Full registration: **\$43**
Two-day Partial (no meals): **\$17**
One-day Partial (no meals): **\$9**
Full spouse/son/daughter: **\$28**
Banquet only spouse/son/daughter: **\$16**
Student (w/ valid ID, no meals): **\$5**
Many things, like the raffle, remain the same:

Late or On-Site Registration

Full registration: **\$50**
Two-day Partial (no meals): **\$20**
One-day Partial (no meals): **\$10**
Full spouse/son/daughter: **\$35**
Banquet only spouse/son/daughter: **\$20**
Student (w/ valid ID, no meals): **\$5**

GRAND PRIZE To be announced

SPECIAL Register early to win a SW portable! One free entry for an early-bird registration received by February 12, 2003.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your room by calling the Holiday Inn at (215) 368-3800. For 2003, one special rate \$75 single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the Winter SWL Fest Web Page: <http://www.swlfest.com/> or from <http://www.anarc.org/naswal>.

The Best Western—The Inn at Towamencin is located at Exit 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route (1-476)—ask for details. Limo service is available from Phila. Intl Airport directly to the hotel.

Please submit the following form with your registration amount or send for more information to:

SWL WINTERFEST
P.O. Box 4153
Clifton Park, NY 12065

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

CITY: _____ E-MAIL: _____ (REQ. FOR REG. CONFIRMATION)

REGISTRATION:

___ Full (\$43)
___ Two-Day Partial (\$17)
___ One-Day Partial (\$9)
___ Spouse (\$28)
___ Banquet only (Spouse) (\$16)
___ Student (\$5)

BANQUET:

___ Roast Beef
___ Chicken

RAFFLE TICKETS:

___ raffle tickets, please
(\$1 ea./ 6 for \$5/ 13 for \$10)

Registration Fee Enclosed \$____
Raffle Tickets Fee Enclosed \$____
Total Check/Money Order \$____

Registration cancellations after 2003 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

Company Store

Bill Bergadano KA2EMZ • 32 Joysan Terrace • Freehold, NJ 07728 • ka2emz@cybercomm.net

All s/h charges for the following items are included unless otherwise noted.

Publications

Shortwave Listening Guidebook by Harry Helms. Covers equipment, antennas, propagation, station profiles, utilities, clandestines, QSL'ing, etc. 315 pages.	\$18.50 +2.00 s/h US/CA +3.00 s/h world
Underground Frequency Guide by Donald W. Schimmel. An in-depth look at illegal radio communications; pirate, spies and so much more! Lists hundreds of frequencies. A book no pirate or clanny fan should be without!	\$17.50 +2.00 s/h NAM +3.00 s/h world
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loops for LW, MW, SW and VHF. Non-technical, has many diagrams.	\$16.50 +1.25 s/h US/CA +2.00 s/h world
The Vacuum Tube Era Reviews the golden years of vacuum tube receivers, 1932-1981. If you feel real radios glow in the dark, this is for you! 141 pages.	\$15.00 +1.50 s/h worldwide
Shortwave Receivers, Past & Present by Fred Osterman. A comprehensive guide to over 770 shortwave, amateur and commercial communications receivers produced in the last 55 years! Over 800 photos. 473 pages.	\$21.00 +2.00 s/h US/CA +3.50 s/h world
Confidential Frequency List This book, which details frequencies, callsigns and data for the non-broadcast stations on 2-30 MHz, has just been released (12th edition). Ships December 15th.	\$24.50 +4.00 s/h NAM +8.00 world
Inside the Mission Control Center by R.H. Nicholson. This is your personal tour of the former mission control center at the Johnson Space Center! A great book for the space or radio communications enthusiast!	\$7.00 +1.50 s/h NAM +2.00 world
NASWA Country List and Awards Program Booklet	\$3.00 PP US/CA \$5.50 elsewhere
QSL Signers by Al Quaglieri. The most comprehensive and up-to-date list of verification signers names, titles, and addresses available anywhere!	\$2.50 PP US/CA \$4.50 elsewhere

NASWA Reprint List, The System, Spectrum Log and Propagation Predictor are no longer available.

Checks payable in U.S. funds to "The NASWA Company Store."



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Overseas (Air Mail):	
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