

NASA

the JOURNAL

NORTH AMERICAN SHORTWAVE ASSOCIATION

VOLUME XXXVII NUMBER 11

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Radio Nederland



Your friends in the English Language Service. Back row: Marcel Snijders, Michele Ernting, Jonathan Groubert, James McDonald, Dheera Sujjan, Max Ohlenschlager, Louise Williams, Robert Chesal, Martha Hawley, Iris Walstra. Middle row: Rob Green, Veronica Wilson, Reza Kartosen, Giner da Silva, Maureen Verzosa, Marijke van der Meer, Francis Rolt, Helma Brugma. Front row: Willemien Kneppelhoust, Howard Shannon, Lorenza Bacino, Simone Weirmans, Nick Meanwell.

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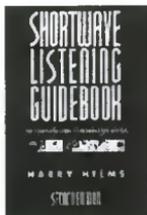
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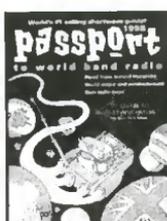
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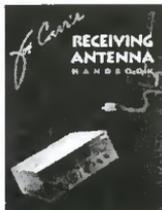
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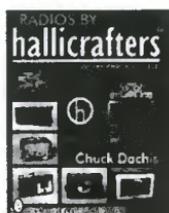
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By C. Dachis. A marvellous book with over 1000 big, sharp photos of radio receivers, transmitters, speakers, early TV sets and accessories from the famous Hallicrafters label. Technical descriptions of every known model with dates, new and current prices. ©1996 Schiffer Publ. 225 p.

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By L. Magne. Here is a new way to hear the world ... on your PC! Includes Introduction to Web Radio and Complete Idiot's Guide to Getting Started. Find the ultimate in sports coverage, along with every kind of music from hundreds of AM, FM and SW stations throughout the world. ©1997 IBS. 144 p.

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ALL ABOUT
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By H. Helms. Have you ever thought of getting a ham radio licence, but didn't know where to start? Here is an exciting new introduction to ham radio written for the 90's. It is written in a direct, humorous way without a lot of math and techno-babble. Perfect for the potential ham without a technical background. ©1992 291 p.

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By G. Halligey. This long respected utility directory is bigger than ever with coverage of aero, CW, FAX, military, time, RTTY and maritime entries. Covers 1605-30,000 kHz organized by frequency plus a new callsign cross-reference. Spiral-bound 10th Ed. ©1997 PW 450 p.

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FM ATLAS AND STATION
DIRECTORY

By Bruce Elving. This unique book covers FM broadcast stations in North America. Maps are included for each state (and Canadian province) showing station call and location. It also includes station listings by location and frequency. ©1997 Seventeenth Edit. FM Atlas. 224 p.

Order #2649 \$46.95 \$14.90

Previous Sixteenth Edition at a great closeout price. 224 p. ©1995.

Order #0983 \$45.95 \$8.90

If the October cover looked very familiar... it was! Because of some mis-communication between the printer and **Bill Oliver**, we had the same cover as the one on the June issue. Even the same color! Bill thought he had thrown it away but.... Anyway, Bill wants you to know that it was a mixup that was his fault and he is sorry if anyone got confused. Personally, I can't wait to see what happens with the usual December cover that depicts all covers used during the year. Incidentally, if you have good quality black and white photocopies of QSLs or other interesting station material (pennants, letterhead, etc.) Bill would love to receive them in Levittown for use as cover material. Thanks!

Member **Harry Helms** informs us he has a new web site <www.dxing.com>. His new web site provides the ability to feature QSLs in living color! Harry is interested in any reactions members may have. You can contact him electronically at: harryh@abac.com or send in a Musing to the Journal. Incidentally, Harry's site contains a link to our own site in the "Other Radio Links" section. I've taken a look at the site and can recommend a visit. Check it out!

The Radio Professors are on the loose again! **John Bryant** and **Harold Cones**, authors of "The Zenith Trans-Oceanic: The Royalty of Radios," have announced the release of their latest effort, "Zenith Radio, The Early Years: 1919-1935." The book tells for the first time the fully documented story of Zenith Radio and company development. It presents a wealth of never before published photographs, documents and information. This 224 page masterpiece contains 110 black and white photographs, 68 other illustrations, and 120 color portrait photographs of many of the rarest and most beautiful Zenith

ANARC SWL Ham Net

Tune in Sunday mornings at 10 A. M. Eastern Time on 7240 LSB for the latest in shortwave, medium wave and longwave listening, DX tips, and up to the minute hobby news. Contributors share their DX tips via their own amateur radio stations or by telephoning a "gateway" station who then broadcasts the relayed tips. Contributions are also accepted via the Internet Relay Chat (IRC) channel #swl while the net is in progress. Net Controls Dave Kirby N1DK, Hausie WB4JSP, and Bob Curtis W1EXZ host an always lively gang of DX monitors. (Best heard in the eastern half of NAM) Net info is also available at <http://www.trsc.com/swl_net.htm>.

radios of the era. Published by Schiffer Publishing, "Zenith Radio, The Early Years: 1919-1935" is available direct from the authors for US\$29.95 plus US\$2.00 shipping and handling (US\$3.00 in Canada; US\$4.00 worldwide):

The Radio Professors
P. O. Box 592
Stillwater, OK 74076

Your purchase direct from the authors supports further research on Zenith plus provides you an autographed and numbered copy of this important new book.

Be sure to have a look at the Transmitter Documentation Project web site at <http://www.ping.be/tdp> to see the latest shortwave radio broadcasting is moving into the digital age, links to the websites of the radio stations that broadcast on shortwave, and technical information about shortwave broadcast transmitters that are no longer manufactured to-

Our Motto is - "Unity and Friendship"

Contribute!

Send your loggings and QSL information off to our Distributing Editor, **Fred Kohlbrenner** (2641 South Shields Street, Philadelphia, PA 19142). He will forward them to the appropriate editor. Remember, Fred has now expanded his business to include QSL report information and totals for the **Scoreboard** column. He can also be reached through the Internet at fkohl@ix.netcom.com.

day but are still in use at many sites around the world. Don't forget the TDP SW-97 book, prepared by member **Ludo Maes**, supplies information on shortwave transmitters installed around the world with every possible detail. It is available from our own Company Store.

Don Jensen <dnjkenosha@acronet.net> informs me that our Country List Committee has completed a revised CL. The committee is delighted at the results (although this is not to say that there won't be added data in subsequent editions). Almost universally, committee members have said they believe that the list will be MUCH easier to use than in the past. It also reverses a trend of the past decade to make the list a minimalist docu-

ment. Among the improvements: country names have been reversed in order of presentation, listing current name first. Some intermediate historical stages have been edited out, creating some more compact names, for instance, NEW HEBRIDES (Vanuatu) becomes VANUATU (New Hebrides). This alone will make it an easier list for many, particularly younger, DXers, whose understanding of the hobby's past may be limited, to use. Watch the Journal for an article by dnj announcing the availability of the revised NASWA Country List, the premier list in the DX hobby.

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

Musings

This column provides a forum wheras 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 are soley those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email - r.dangelo3@genie.com

Maryanne Kehoe, Atlanta, Georgia.

I agree 100% with John Figliozzi's comments in the September issue. I've just read on rec.radio.shortwave the ARRL's proposed amendments to the Tauzin legislation and it's still bad news no matter how you slice it. There is strength in numbers and I think John's idea needs further discussion. BTW, didn't NASWA have an attorney (I think he was from New Jersey) that did go to Washington, DC on several trips to represent NASWA member clubs on communications-related legislation?

I have heard Jorge Rodriguez (attorney that spoke at several Grove meetings) and I wonder what he thinks of the current restrictive atmosphere in our legislative branches.

And I wonder how many of those lawmakers are scannists, hams and SWL's!

Calendar Of Events

- Nov 21 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 215-446-7831.
- Nov 21 Meeting. Boston Area NASWA Chapter.** The Lexington Club, Rts. 4 & 225, Lexington, MA at 7:30 PM. The location is 1/4 mile west of Rt. 128, Exit 31. For more information contact Paul Graveline at 508-470-1971 or Internet: 74007.3434@compuserve.com. Check the BADX Web Page: <<http://www.grove.net/~badx/>>.
- Nov 22 Meeting. The Miami Valley DX Club** (all band orientation) meets at 1:00 PM. For more information plus this month's meeting location contact Dave Hammer at 614-471-9973 or write to MVDXC, Box 292132, Columbus, OH 43229-8132.
- Dec 14 Meeting. The Tidewater SWL's** meet at 6:30 PM. For more information plus meeting location contact Joe Buch at joseph.buch@dol.net
- Feb'98 Convention. New Zealand Radio DX League** will hold its 50th anniversary convention at Camp Iona starting on Thursday February 5th at 3:00 PM and conclude on Sunday February 8th. Information and registration form is available from Paul Ormandy, 33 Greta Street, Oamaru, New Zealand or via e-mail <paulorm@es.co.nz>.
- Mar'98 Contest. 1998 North American DX Championships.** Further information will be published in the Journal or you can send a self-addressed stamped envelope to 1998 NADXC, c/o Dr. Harold Cones, 2 Whits Court, Newport News, VA 23606.
- Mar'98 Convention. The 11th Annual Winter SWL Festival** will be held at the Kulpsville Holiday Inn (Exit 31 on the Northeast Extension of the Pennsylvania Turnpike) on 13-15 March 1997. Organized by the infamous "gang of three" (Messrs. Brown, Cones, and Field) this all wave gathering attracts about 200 hobbyists each year.
- Apr'98 Convention. The 35th Annual International World Wide Continental DX Association (IWWCDXA)** will be held in Tahiti at the Charlie Loudenboomer Estate on April 1, 1998 from noon until midnight. Charlie will lecture continuously during this 12-hour period on a variety of boring subjects some of which may actually pertain to shortwave radio. Registration fee is a modest \$150.00 with an extra \$50.00 charge for the traditional hamburger helper banquet. More information is available from Charlie at <cl@sucker.com>.
- Aug'98 Convention. The 36th annual European DX Council conference** will be held in Gothenburg, Sweden on 28-31 August 1998. It will be organized by the Swedish DX Federation. More details to follow.
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: r.dangelo3@genie.com) or Ralph Brandi (Internet: ralph@mcs.com).

FRENDX: Twenty Five Years Ago....

With membership well over 600, the club began soliciting contributions from the members for the purchase of an addressing machine to speed up turnaround time of the bulletin. A 20-page QSL Verifications Signatures List and a copy of the new, revised Country List were available from HQ for just \$1.00 each. The Shortwave Center contained a report, including photographs, about a DXpedition by Dan Jamison, Dan Ferguson, and Ed Shaw to Red Oak Mountain. Gregg Calkin notes a first every QSL from La Voz de Atitlan in Guatemala by Gerry Dexter. Larry Magne's study of Chinese regional stations continued in Listeners Notebook. Ed Shaw's Friendx Fotos featured pictures of Ken Hunt, Neal Perdue, Larry Marshall, Ralph Richards, Eric Herson, Jan Turner, and August Balbi.

Easy Listening

John Figliozi
45 Algonquin Road
Clifton Park, NY 12065-7703
America Online: JFigliozi
Internet: johnfig@earthlink.net

There has been a significant and growing youth movement in the programming produced by and available from shortwave and international broadcasters lately. The trend is especially pronounced this month on BBC World Service as you can see below. Perhaps November might be a good month to try and interest a young person or two in international broadcasting—whether via shortwave or the Internet. Let 'em borrow that portable overnight along with some of your expert listening suggestions. As an aid to your noble efforts, we'll attempt to highlight some programs that are designed to interest the new generation.

Please remember our standard disclaimer: All days and times are in UTC.

On BBC World Service This Month

Listings are for the Americas/Europe stream. Frequencies for North America at different times of the day include 5965, 5975, 6175, 6195, 9515, 9590, 9895, 11750, 11865, 15220 and 17840. In a few cases, programs can be heard via the Americas/ Europe stream but only on frequencies intended for Europe. These are denoted with an * and these frequencies usually are listenable in parts of North America at those times: 9410, 12095, 15485, 15565 and 17640. Times marked with an # means that the program also can be heard in western North America via the Asia stream on 9740.

Westway

Hey, just what we need—a radio soap opera! What a groundbreaking concept!

That's my initial reaction to news that BBC is launching a new twice-weekly se-

rial, but the program should be given a try. Westway Health Centre in fictional Westgrove Park is the setting for this drama of life in a West London community. *Westway* follows the lives of the people working at the health center and their families, as well as those who live nearby in this close-knit multicultural community. (I wonder how realistic those last four words are...)

What *Westway* does have going for it is its production team—the award-winning (and most deservedly so) World Service drama unit—with advice from, among others, the BBC's 44 language services in Bush House to ensure cultural accuracy.

All kidding and criticism aside, it is quite an undertaking to construct and present a drama serial designed to have relevance to English-speaking (and English-learning—the program is also to be used as a teaching tool) listeners worldwide! The attempt should be lauded, but one can't help thinking that the odds for success have to be quite long.

But the proof will be in the listening. *Westway* will be presented in quarter-hour installments *twice weekly beginning Nov. 4*. (*Tue. 0030*, repeated *0815**, *1515* and *Thu. 0815**, repeated *1515*, *Fri. 0030*). Should you miss an installment or two, there is also a weekly half-hour "compilation edition" (*Sat. 1901**, repeated *Mon. 0430*). Clearly, the BBC wants to make sure we have no excuses for missing this program.

I invite your observations about the program once you've had a chance to sample it. E or snail mail me your comments and I'll share them here next month. Deadline for Dec. EZL: Nov. 24.

On Other Topics...

Commencing *November 2 and 3*, a new five program series of *Pop on the Line* gives listeners the chance to pose questions to their pop idols. Lynn Parsons is the host. To contact the program, call: +44 171 379 7444. Lines open 1200 Sunday and listeners whose questions are chosen will have their calls returned at the BBC's expense. (*Sun. 1401#, repeated Mon. 0815**)

Starting *November 2 and 4*, Alison Hilliard explores the diverse beliefs of the Christian community in the new six-part series, *What Do Christians Believe?* Hilliard speaks with theologians, priests, academics and practitioners about a range of topics including Creation, the Fatherhood of God, Jesus Christ, the Resurrection, the Trinity and the concept of eternal life. (*Sun. 1615, repeated Tue. 0330, 1130*)

Premiering *November 2, 6 and 7*, *Journey to the Centre of the Atom* probes the nature of matter and the strange, sub-microscopic world of the atom. Series presenter Martin Redfern said that the more scientists have learned about atoms and the minute particles inside them, the more they have found out about the Universe itself. This 10 part series aims to give listeners an insight into this frontier area of science. (*Sun. 1730, repeated Thu. 0330, Fri. 1515*)

Starting *November 8, 10 and 11*, *Frankenstein!!* will be transformed into an interactive musical experience aimed at young people. Viennese composer HK Gruber was inspired to create this most unusual musical work by lines in spooky children's poems written by his compatriot HC Artmann. There will be three programs in this series—two this month and one in March. In the first two Gruber will guide young listeners through his score and give inspiration and advice on re-creating the eerie monster music. The third program, in March, will give those young listeners the opportunity to perform their own demonic tunes for the whole world. For further details on how schools and music clubs can participate in the *Frankenstein!!* project, contact the producer via e-mail at <radek.boschetty@bbc.co.uk> or by

fax at 0171 379 3984. (*Sat. 1930**, repeated *Mon. 1430, Tue. 0730*)

Beginning *November 20 and 21*, *Children in Conversation* features young people from all over the world saying what they want to say the way they want to say it. These six quarter hour programs offer a chance for children to speak directly to adults without fear of the consequences. (*Thu. 0345, repeated 1130, Fri. 0915**)

Commencing *November 22, 24 and 25*, *Options* gives vital information and advice to young listeners planning their next step in their education or starting a career. The six 30-minute programs will feature a question-answer session based on listeners' letters and reports from countries around the world. (*Sat. 1930**, repeated *Mon. 1430, Tue. 0730*)

Some continuing series...

On *November 22/23 and 29/30* respectively, the *Play(s) of the Week* are *Antigone* and *The Golden Ass*. The latter is sometimes described as the first novel in the history of literature written as it was over 2,000 years ago. (*Sat. 2230, repeated Sun. 0630, 1830**)

Returning *November 29, 30 and December 1*, is another 13 week *Short Story* series which starts with the announcement of the winning entry in its story writing competition. Each story broadcast over the last two years—chosen from over a thousand pieces submitted by listeners—was eligible and the winning story will be broadcast shortly after the results are announced. You can get the guidelines for submitting your story by writing: Short Story, BBC World Service, Bush House, London; or via Internet at <<http://www.bbc.co.uk/worldservice/shortstory>>. (*Sat. 1245, repeated Sun. 0815*, Mon. 0030*)

Series Continuing or Concluding This Month...

The Deal With Drugs, Worldplay, Poems by Post, Park Bench and Company, Heritage, Cross Questioned, Major Killers, Pick of the World, and *Good Books* continue or conclude from October. Consult October's EZL for details. *Chill Out* (youth program!) concludes from September. Consult September's EZL for details.

Seasonal Time Shifts...

A couple of years ago, the BBC adopted the rather confusing practice of shifting only a select handful of its regular programs on a seasonal basis—apparently an attempt to meet the needs of North American domestic radio stations relaying **World Service** programs. The result is that we have the following changes: *The Works* (Mon. from 0530 to 0330), *The World Today* (Tue.-Sat. from 0330 to 0430); *Off the Shelf* (Tues. to Sat. from 0345 to 0445); *Heritage* and subsequent features and series (Mon. from 0430 to 0530), *Outlook* (Tue.-Sat. from 0430 to 0530); *Take Five* (Tue./Wed. from 0455 to 0555); *Music Brief* (Thu. from 0455 to 0555); *Science View* (Fri. from 0455 to 0555); *Newsday* (Tue.-Sat. at 0600) replacing *World News* and *The World Today*, *Play of the Week* (Sun. from 0530 to 0630), *Discovery* (Tue. from 0530 to 0630); *A Jolly Good Show* (Sun. from 0630 to 0730), *Europe Today* (Sun.-Fri. from 1600 to 1700) with the following inserted: *World News* (Sun.-Fri. at 1600) and *The World Today* (Mon.-Fri. from 1715 to 1630); *World Business Report* (Mon.-Fri. from 1630 to 1730), *From Our Own Correspondent* (Sat. from 1715 to 1740) and replaced by *Weekend* (at 1705).

Radio Netherlands Highlights

New Arts Program

Simone Weimans and Maggie Ayre jointly present the new RN arts and culture show, *State of the Arts*. Aiming to create an eclectic mix of music, theatre, opera, literature, film, dance and anything to do with the performing arts, the program will be a mix of the old and new, mainstream and avant-garde. *State of the Arts* is broadcast on *Wednesdays (UTC)* at 0054 and 0454, replacing *Mirror Images*.

The European Youth Lifestyle Program

In my opinion, the quintessential prototype program for youth on the international airwaves has to be *Roughly Speaking*. The program presents an eclectic mix of features with an innovative approach combining radio and the Internet in a unique and interesting fashion. The topics are always cutting-edge with a clear emphasis on matters of interest to contemporary youth (and those of

us who may no longer be so young, but are still interested in the shape of the world to come). *Roughly Speaking*, which was awarded a Bronze Medal at this year's New York Radio Festival, airs *Sat. at 2354*. It also deserves more than just one weekly slot on the RN schedule.

For Music Lovers Only

If you really love music and harbor in your soul a deep and abiding appreciation for music in all its forms from all corners of the globe, *Music 52/15* is one weekly program you can't miss. During the winter season, host Martha Hawley plans a look at the polka around the world, North African Rai music (a dangerous and explosive sound that has claimed casualties), and copious offerings of Latin American music including Latin jazz, Caribbean creole and (intriguingly) the Paraguayan harp. *Music 52/15*, which also deserves more than its solitary slot, airs *Tues. at 2354*.

Documentaries

In addition to the Bronze awarded to *Roughly Speaking* at the 1997 New York Radio Festivals, awards were bestowed on four RN documentaries. Congratulations to RN, which continues to lead the way in quality programming and daily demonstrates how international radio should be done.

6th/7th - 50th Anniversary Special: the 80's. In honor of RN's 50th, Pete Myers looks back at the station's more recent past.

13th/14th - Being German. Marijke van der Meer speaks with Germans from all backgrounds about how they see themselves today, their place in Europe, their history and their future.

20th/21st - The Legacy of the Secret Police. Eric Beauchemin finds out how societies with a history of internal spying are coming to terms with their dark pasts.

27th/28th - Namibia. Michele Ernsting examines how the country is emerging from 30 years of war and hundreds of years of racial apartheid.

(Thu. 0054 on 6020/6165 and 0454 on 6165/9590; Fri. 2354 on 6020/6165.)

Deutsche Welle Highlights

Tune In No More

DW has decided to discontinue *Tune In*, its longstanding English program magazine. Previously *Tune In* had been a bi-monthly; more recently a quarterly. A message in the last issue from Michael Behrens, head of the English Service, promises "new ways of keep[ing] you... up to date both with printed information... and via the Internet."

New Programs

SciTech is, as the name implies, a new 30 minute program devoted to science and technology topics. (Sat. 0320)

Marks and Markets is a new magazine focusing on business topics. (Sat. 0520)

COOL is DW's first program designed exclusively for younger listeners. (Sun. 0520)

Saturday Review is a new ten minute weekend feature. (Sun. 0105, 0305 and 0505)

Coming Attractions

On November 6, *Living in Germany* will examine the mixed feelings many Germans have about abandoning its currency, the Deutschemark, in favor of the Euro. (Thu. 0132, 0332 and 0532)

On November 29, one of the new programs—*SciTech*—looks at the World Health Organization's World AIDS Day, the UN agency's attempt to draw attention to the dangers of the disease and the plight of its victims. (Sat. 0320)

The Voice of the Andes—HCJB

As promised last month, here is the complete morning program schedule: (1100-1600 on 15115)

1100-Sun.-Morning Song (hymns); Mon.-Fri.-Insight for Living (inspirational); Sat.-Your Story Hour (children). 1130-Sun.-Christian's Hour; Mon.-Fri.-Morning in the Mountains (Christian magazine program w/ news @ 1130 & 1230); Sat.-We Kids. 1200-Sun.-Hour of Decision (Rev. Billy Graham); Sat.-Visit with Mrs. G (children). 1215-Sat.-Adventure Pals (children). 1230-Sun.-Radio

Bible Class; Sat.-Adventures in Odyssey (children). 1300-Sun.-Simply Worship; Mon.-Fri.-Precepts; Sat.-Childrens's Bible Hour. 1315-Mon.-Fri.-Proclaim! 1330-Sun.-Mountain Meditations (hymns/inspiration); Mon.-Fri.-Focus on the Family (Christian advice for family living); Sat.-Jungle Jam and Friends (children). 1356-Mon.-Fri.-Beyond the Call. 1400-Sun.-Urban Alternative (Christian urban music); Mon.-Fri.-Gateway to Joy; Sat.-Rock Solid! (Christian rock music). 1415-Mon.-Fri.-Key Life. 1430-Sun.-Moody Presents; Mon.-Let My People Think; Tue.-Living Word; Wed.-Back to God Hour; Thu.-Christians Broadcasting Hope; Fri.-Haven. 1500-Sun.-Encounter; Mon.-Fri.-Back to the Bible; Sat.-Words of Hope. 1525-Mon-Fri.-Joni and Friends (inspirational). 1530-Sun.-Let My People Think; Mon.-Fri.-Through the Bible; Sat.-Family Foundations (Christian family program).

In Brief...

RCI's newfound budget stability has already begun to produce benefits. Longtime RCI listeners will recognize the name **Wojtek Gziazda** (Wo-tek Gee-az-da), who, prior to when the worst budget problems set in, hosted a morning magazine program for North America and the Caribbean. Wojtek was then laid off and became instrumental in the effort to reverse the shortsighted and damaging policies that threatened to shut down RCI altogether. Over half a decade later his efforts (and those of many others) have been rewarded not only with more stable policies but also with a return of Wojtek to the RCI airwaves. Wojtek is the new host of *The Mailbag* (Mon. 0230 on 9535/9755/11715/13670) and has brought the same sense of innovation back to RCI that characterized his efforts during his earlier tour of duty. The program is evolving from its former rather pedestrian "read the letters and play some music" style into a more interactive one. The October 19 edition, for example, featured the start of a multiweek dialogue among listeners over the relative merits of Canadian and American social attitudes, outlooks and personality characteristics... **HCJB's On Line** (Sat. 0200 on 9745), which I erroneously described as a computer program last month, is actually a magazine of European popular culture... Until December, 73! 

Shortwave Center

Hans Johnson
206-A South Loop 336 West #231
Conroe, TX 77304
CompuServe: 73042,3644
Internet: 73042.3644@compuserve.com

New Star Broadcasting Station— The Mystery Continues

By Hans van den Boogert

After having written a short article on the New Star Broadcasting Station—a number station in Mandarin—last year I got a few reactions, all positive I am glad to say. The most interesting one came from Hans Johnson of NASWA who mailed me an article written by Jerod Pore, originally published in the Spring 1995 issue of E.N.I.G.M.A. This article and some other sources of information make hints to Taiwan being the location of New Star.

In the article Jerod describes a broadcast of New Star Broadcasting Station which he taped and translated with the help of a Taiwanese friend. The article had some interesting, debatable and confusing parts. The confusing parts I partly blame on the Taiwanese translator, partly on the reporter. The interesting points I want to highlight here. Let me first quote from the article by Jerod Pore...

My friend could not identify the music used to being the broadcast. The first enthusiastic announcement is: "We are ready to being transmitting". The station identification is "This is Channel Four Broadcasting Station in Taipei, Republic of China, on 8300 khz".

What strikes is the identification: "This is Channel Four Broadcasting Station in Taipei, Republic of China, on 8300 kHz". It seems odd that a number station will identify itself so clearly, although Jerod later in the article points out that...

My favorite guess is that the broadcasts are intended for the authorities of the People's Republic, to make them think that Taipei is communicating with operatives on the mainland. Beijing may protest, but there is the cover of legitimacy about Channel Four...

It's strange that when I first heard the station in 1992 they never mentioned either location or frequency, neither did they when I started monitoring them again in 1996. If other people have heard these identifications, then I would like to hear from them.

The article further continues saying that some of the units broadcast to were identified as being "in Japan" and describes the four-digit code system used for telegrams sent in Mandarin. The latter is a reasonable explanation for the format of the messages of New Star. The references to Japan I have never heard.

An interesting article and although I have doubts on some points raised I kick-started my modem and started searching on the Internet. Sometimes it pays off to start a search and begin with the least-likely find. I found an article from the Congressional Research Service called "Report for Congress October 1, 1992—China/Asia Broadcasting: Proposals for New U.S. Surrogate Services" written by David A. Hennes, Analyst in Foreign Affairs at the Foreign Affairs and National Defense Division. It dealt with broadcasting to China and the role Voice of America could play in it. We all know the result, as Radio Free Asia is a fact now. But

in the appendix there was an interesting paragraph...

At the end of Table 2 are several "clandestine" broadcasting services, all reported to be broadcast from Taiwan. Taiwanese officials did not confirm the existence of these stations. Other observers interviewed commented that several of them were no longer operating.

Table 2. Alternate Broadcasts to China

Broadcaster	Hours per Day
Taiwan	31:30
BBC (SW)	3:45
BBC (MW from Hong Kong)	24:00
Radio Australia	6:30
Japan	4:00
USSR	14:00
Deutsche Welle	1:00
All-India Radio	1:00
Clandestine:	
"Voice of June 4"	11:00
"New Star Broadcasting Station"	18:00
"Voice of the Chinese People" (MW)	2:00
"Democracy Broadcasting Station"	4:00
"October Storm"	1:00
"Voice of People's Lib. Army"	1:00

A pity that the source of this list of clandestine stations is not known, but as this is official information intended to be read and discussed by the U.S. Congress you might expect this to be not too far from the truth.

**It seems
odd
that a number
station will
identify itself
so clearly...**

After this second hint that New Star Broadcasting Station might be broadcasting from Taiwan I contacted the BBC Monitoring service to see if they had ever done an investigation on New Star. Dave Kenny was so kind to write back to me and here is what he said...

I'm afraid we don't have much information on the New Star station. It's not the sort of thing we normally monitor as it appears to be a coded numbers type of operation rather than a clandestine broadcast station. We did investigate it with the help of some Japanese DXers in 1989 when it was thought to be based in Taiwan and aimed at China—but I suppose it could also be the other way round. As to its purpose I really have no idea!

For what it's worth, 1989 schedule lists the following:

Station 1—11430

Station 2—15388

Station 3—9725

Station 4—12750 9725 8300

(all broadcasts were observed at indeterminate periods between 2200 and 1630 UTC, often starting on the hour or half hour)

Except for 12750 kHz I have monitored all channels, although 11430 seems to be inactive at present.

I also contacted Bill Whitacre at the U.S. Information Agency International Broadcasting Bureau, but unfortunately they only monitor the Voice of America and other official USIA stations.

So the mystery continues, but with some indications that Taiwan might be the home of New Star Broadcasting. I will keep on looking out for more information and if anybody can help me with references, articles or recordings of New Star, then please do contact me via e-mail: hansfong@ms2.hinet.net.

Hans van den Boogert, Oct 1997

Riding the Magnetic Storm

by Al Sizer

It is Friday, February 4th, here in Connecticut, but already Saturday, February 5th, 0100, by Universal Coordinated Time, when I turn on the receiver for my nightly check. Immediately I know that something is up.

When you have been Dxing awhile—my 15 years is certainly no record, but qualifies me as a non-beginner—you become quickly aware of unusual propagation conditions. You don't have to hear a rare station to realize it. Ordinary stations you hear day in and out seem to jump right out at you with unusual sparkle and force. Even an every day powerhouse like Ecos del Torbes on 4980 khz, seems determined to wreck your S-meter.

The clincher, of course, is the rarer stations. I begin to scout around the 60 meter band.

Whango! On 4697 Radio Riberalta is piling in from Bolivia. I have logged it before but not often, and never like this. At 0110 I go up to 4720 and there is another Bolivian, Radio Abaroa, equally strong. The day I first heard this on 4730 in 1974 with a SINPO of 13211 it had been a struggle.

I'm convinced; something is really up. I turn to WWV for the 0110 propagation report; Solar Flux-159, A Index-75, Boulder K Index-5, a "major geomagnetic storm" is in progress.

I know what that means and I know that when the A index is that high, get those dials moving! It was on August 5th, in 1972 when I first learned that. A magnetic storm was in progress then too.

I turned on my receiver that night in 1972 and incredibly, or so I thought, I logged for the first time Radio Arequipa in Peru at 0050

UTC on 5960 khz with great strength, plain identifications and Coke ads. My eyebrows still raise when I look at the Sinpo rating I gave it: 44344 (purists will insist that no overall rating can be more than the lowest of its components, but I don't agree).

After Arequipa, what next? Why not Falkland Islands? It was on 3942.5 then with just 500 watts and the only one I knew in North America who had ever logged it was Don Jensen (who else?). I tuned to that area and there it was, faint but unmistakable, with a woman in English and pop music. I didn't recognize any tunes and decided I didn't have enough to report, but a Dxing friend, Earle Hall in Massachusetts, logged it that same night, identified the music and got a verie.

I had those thoughts in mind this year when the February magnetic storm was in progress.

It is, I think, one of the great thrills in Dxing. One of the impressions I have, as this might be my own excited imagination, is that stations are bursting through a barrier at you and come through with strength in the middle, but a little ragged at the edges. Let me compare it to the famous Lite beer commercial where John Madden comes bursting through a sheet of paper excitedly waving his arms at you. Crazy? Maybe.

Of course, it isn't all tutti-fruitti ice cream. Sometimes the whole band goes dead and powerful stations are silent or strangely distorted. Sometimes one band is active and another kaput. . . You never know. Reception might be great one hour and poor the next. Signals might be strong from one direction and lousy from another.

I found this last observation to be true on February 5th. Signals came in strongly from the south and southeast. Hence, all of South

America and most of Africa were good, but Europe and the Pacific were non-productive.

At 0300 I tuned the 90 meter band and the Africans were swarming in. Mozambique, South Africa, and Swaziland were booming in on all their channels. I had logged them all before and my only disappointment was failure to hear Quelimane (Mozambique) on 3195 khz, if still there, but at 250 watts, that was too much to ask for.

So what did I reap that was new from the magnetic storm? I heard the unidentified Peruvian on 6520 khz with amazing strength for seven minutes, from 0238 to 0243 and later on fade but, unfortunately, all my peaks coincided with Peruvian music and I was unable to hear an ID.

I also logged another rare Peruvian, Radio Celendin, on 6499 khz at 0317.

The following unattributed article appeared in the July 1997 issue of Current, the Adventist World Radio Listener Newsletter

What is a "Q" code?

In the early days of electrical communication by Morse code, operators found it quicker and easier to use abbreviations rather than to spell out complete words and phrases. In order to standardize frequently used abbreviations, "Q Codes" were developed.

In its original form, the "Q Code" was a system of questions and answers. For example, if an operator tapped out in Morse code, "QSL?" with a question mark, he was asking the receiving operator, "Do you receive my signals?" If the answer came back simply "QSL" with no question mark, then the second operator was confirming the reception of the first transmission.

Today, however, general use of the "Q Code" has turned most of the "Q Code" entries into nouns. For example, a "QSL" these days is a card or letter verifying the reception of a radio station. A "QSO" is two-way communication between two amateur radio stations.

And finally, as the magnetic storm continued when I came back to the receiver at 1000, I logged about 10 minutes of the Argentine, Radio Malargue, on 6160 khz, at sign on.

Good, but might have been better. Too bad I hadn't been able to read Don Jensen's article in his DX series, "On to the Top", in the February FRENEX. He spelled it all out there—the necessity in the face of a great propagational opening for having a plan of attack, of knowing just what stations you want to try for and what not. Don also points out that it is better to have a few good, verifiable loggings to show from a good propagational period than a lot of bits and pieces.

Right he is, and the next time I'm going to have a special "Magnetic Storm Target List" all ready.

Can anyone tell me when that is likely to be?

Listed below in alphabetical order are many of the "Q Code" entries in common use today in the international radio world, together with the accepted meaning of each.

QRA Call in of the radio station

QRG Frequency of the radio station

QRK Overall quality of the received radio signal, generally expressed in the "SINPO Code"

QRM Interference from another radio station on the same or a neighboring channel, generally expressed in the "SINPO Code"

QRN Generally noise caused by atmospherics, which may include noise generated by other electrical apparatus near the receiver, generally expressed in the "SINPO Code"

QRP Low power operation

QSA Signal strength, generally expressed in the "SINPO Code"

QSB Fading of the received radio signal, generally expressed in the "SINPO Code"

QSL Card or letter confirming reception of a radio station

QSO Two way communication between two amateur radio stations

QST Calling all station (QST is also the name of an amateur radio magazine published in the United States.)

QTH Location of radio station or radio receiver

This article first appeared in the July 1997 issue of Current, the Adventist World Radio Listener Newsletter

Kol Israel The Voice of Israel

by Salvatore Placanica AWR DX Correspondent

The Palestine Broadcasting Service was established on 30 March 1936 under the British Mandate and it began programming in English, Hebrew, and Arabic as the "Voice of Jerusalem." During World War II, this radio service was gradually expanded, particularly in the Hebrew language. During the same era, several radio stations for the entertainment of British and American troops were also established in various areas of Palestine.

On 14 May 1948 the "Voice of Israel" was born when the new nation's first Prime Minister made his inaugural broadcast. At the time, the only shortwave transmitter available was the old 7.5 kW unit located in Tel Aviv. Today Kol Israel operates 24 hours a day on half a dozen domestic networks with a multitude of AM and FM transmitter throughout their small country, utilizing a total power output in excess of one megawatt.

Network A broadcasts cultural and musical programs by the Jerusalem Symphony Orchestra and other groups. In 1983, a new music network known as "The Voice of Music" was added.

Network B is mainly devoted to the Israeli audience, with news, sports, and parliamentary roundups.

Network C, which was launched in 1996, is the popular music station, playing Israeli and contemporary music from around the world.

Network D is the Kol Israel station with programming in Arabic. This network has its own orchestra.

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The "Voice of Israel"
was born when
the new nation's first
Prime Minister
made his
inaugural broadcast.
.....

Network E is the overseas network for Kol Israel. It began as an independent overseas voice in 1948, but was incorporated into Kol Israel in 1965. Its name was changed to "Israel Radio International" in 1984. This network is on shortwave in 16 languages to nearby areas, as well as to Europe, Asia and North America.

The current schedule for Kol Israel in English is: 0500 to 0515 on 7465, 9435 and 17545 khz. 1500-1530 on 9390 and 11605, and 2000 to 2030 on 7465, 9435, 11605, and 15640 kHz.

SW

Digital SW Broadcasting (Part 4)

This month I have a status update on the process of arriving at a common standard for digital short-wave broadcasting. That process is moving along nicely. The name of the organization attempting to define a common short-wave standard is Digital Radio Mondiale. The second organizational meeting of Digital Radio Mondiale (DRM) was recently held in Berlin, Germany.

The list of organizations in attendance at the meeting reads like a Who's Who of radio and includes: Motorola; National Association of Shortwave Broadcasters (U.S.A.); Télédiffusion de France (TDF); Thomcast (France); RAI - Research Center (Italy); Harris Corporation (U.S.A.); Radio Nederland Wereldomroep; Comatlas (France); Egyption Radio and Television Union; International Broadcasting Bureau/USIA (U.S.A.); Continental Electronics Corp. (U.S.A.); Telefunken Sendertechnik (Germany); BBC World Service (U.K.); SONY International (Europe); Korean Broadcasting System; Merlin Communications International Ltd. (U.K.); Australian Broadcasting Corporation; European Broadcasting Union; TCC - Thomcast (France); Brazilian Association of Radio and Television Broadcasters (ABERT); PMC Co. (SONY) (Japan); ITIS Corp. (France) Deutsche Telekom A.G. (Germany); Radio France Internationale; Center for Broadcasting and Television Research of Deutsche Telekom A.G (Germany); Deutsche Welle (Germany); Tokyo Broadcasting System (Japan); Jet Propulsion Laboratories (U.S.A.); Sangean Corp. (Hong Kong PRC); WorldDAB; and Radio Canada International.

I listed all the organizations at the meeting to give you a sense of the universal interest that exists in the development of digital short-wave broadcasting. Clearly, if this group can agree on a common standard, that standard will become the *de facto* world standard. Both the broadcasters and the receiver manufacturers have a lot to gain from the adoption of this new technology. With this level of interest, there is no doubt in my mind that digital short-wave broadcasting is coming. The questions are no longer "whether?", but rather "how?" and "when?".

Kim Elliott's VOA program, Communication's World, had an interview with Dr. Robert Everett of the USA's International Broadcasting Bureau in the September 20, 1997 broadcast. Dr. Everett reported that he had recently attended an international broadcasting conference in Amsterdam where both Telefunken and Thompson demonstrated their digital short-wave technology. A modified automobile radio, equipped with a processor, decoded the digital signal and automatically corrected errors. Dr. Everett described the received audio as, "far superior to the best FM system". Thompson's demonstration included sending the signal from France to Amsterdam.

Dr. Everett predicted that regular test transmissions will begin in 1998. To receive the test broadcasts you will need a good short-wave radio with a synchronous detector, adjustable selectivity, and a digital computer with special software to do the error correction and digital to analog conversion. Implementation of the processing in software will

allow easy upgrade of performance as new techniques and applications evolve. This column will keep you updated on future software availability so you can try this new technology. In the mean time it sounds like you should be saving for that new receiver.

DRM has circulated an overall functional requirements specification for review and comment. Examination of that document reveals many interesting features of both the system and the receivers that will be manufactured to take optimum advantage of digital technology. Here are a few examples of the draft wish list:

- § The system shall be capable of multimedia broadcasting. You may actually be able to see Jonathan Marks as he broadcasts Media Network on Radio Nederland. (The adverse affect this development will have on his audience size will be directly offset by being able to see his co-host, Diana Janssen.)
- § The system will automatically adjust its bit rate allocation between various program sources requiring simultaneous transmission. For instance, if sending pictures, the audio might automatically revert to monaural sound to keep the total data rate within maximum limits.
- § Ideally, future improvements in audio compression algorithms will be implemented by the broadcaster, so that receivers in the field do not have to be replaced when a new algorithm is adopted. Another option is to implement backward compatibility with existing receivers. New receivers will use the enhanced capability for better performance but older receivers will still work.
- § The system will be capable of handling monophonic and/or stereophonic audio signals, at the choice of the broadcaster.
- § Data and information formats will be implemented, such that the transmission, reception, storage, and presentation of structured data and information is possible.

Receivers may display text of the script being broadcast to assist the hearing impaired. Broadcasters could automatically update receiver memory with new schedule information.

- § It will be possible to send data to a specific group of receivers with specified registration numbers or signal acceptance codes. This feature provides a way for listeners to subscribe to data services. Radio Canada International might decide to transmit real time Toronto Stock Exchange transactions for a fee to interested subscribers. The revenue derived from the data service could be used by RCI to partially fund its other program services. Worldwide paging services may also be possible.
- § The system shall be capable of receiving the same program material transmitted from geographically separated multiple transmitters. This will permit the use of several transmitters on the same channel to improve the reception in the coverage area or to enlarge the coverage area, without the use of additional spectrum. In effect this will make it possible to use the available spectrum much more efficiently than at present. Digital receivers would tune dynamically to the frequency or code of the optimum channel of a specified program, so that if the program fades on its primary path or is being interfered with, the receiver will automatically switch to another source of the same program, ideally without audible interruption.
- § A digital transmission which replaces an analogue transmission shall have an interference potential to co-channel and adjacent channel transmissions whose total effect is less than or equal to the analogue transmission it replaces.
- § A digital transmission which replaces an analogue transmission shall have an interference susceptibility, from either analogue or digital transmissions, not greater than that of the analogue transmission which it replaces.

- ¶ The system shall be designed to cope with multipath effects and changing propagation characteristics present in SW and MW transmissions.
- ¶ Digital transmissions shall have graceful degradation in response to deteriorating channel conditions.
- ¶ The overall reception quality and reliability of portable and mobile receivers will be similar to the performance of fixed receivers for the same circuit.
- ¶ Digital transmissions should save all lead to transmitter power cost when covering the same service area compared to analog transmissions designed to cover the same target area. These savings could be used to help amortize the expense of modifying transmitters to the new format.
- ¶ The receiver shall be very user-friendly in its operation and low cost. Digital technology naturally lends itself to large scale integration. The receiver-on-a-chip may become a reality.
- ¶ During the transition period existing receivers should not be seriously affected by the presence of digital signals. Designs should allow existing HF and MF receivers to be modified to enable digital reception.
- ¶ The technology should maximize commonality with other digital technologies so systems designers and fabricators will be able to use already existing standards, software, components, and hardware.

Remember this is a very preliminary wish list representing the independent inputs of many individual representatives to the DRM. None of this is cast in concrete at this time but the ideas being considered are of interest to you the listener because you will eventually determine the success or failure of this process.

If you decide that digital technology represents enough of a leap forward to go out and buy the necessary hardware and/or software, the revolution will be successful. You should become an informed consumer on the issues surrounding this new technology so you can make an informed decision to buy or not buy.

Obviously, if your main interest is DXing weak Indonesian regional stations as the sun rises, you probably will not want a digital receiver. Will DXing still be fun if the signal is devoid of static, whistles, and propagation induced distortion? Will you get the same thrill from hearing a signal from the other side of the globe if the signal-to-noise ratio approaches a CD? There will be almost nothing in between no signal and a perfect signal with digital mode. I doubt that somebody who cut their teeth on a Hallicrafter's tuning knob will find digital DXing to be much fun.

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Obviously, if your main interest is DXing weak Indonesian regional stations as the sun rises, you probably will not want a digital receiver.

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If, on the other hand, you appreciate the music and culture of other peoples and like to learn more about their way of life via radio, the enhanced ease-of-use and fidelity of this new mode promises many benefits.

The first official kick-off meeting of the DRM will be held in Beijing in February according to present plans. If you or your organization would like to join the DRM, there is an initial entry fee of \$10,000US. You can get more information at the DRM web site at: <<http://www.drm.org/>>. Until next time, stay tuned. 

Equipment Reviews

Alan Johnson
2490 Sharon Way
Reno, NV 89509
CompuServe: 76665,1756
Internet: 76665.1756@compuserve.com

Radio Fun On The Cheap

I am currently without any equipment to review (hopefully, I'll be able to get my hands on a JRC NRD-345 or a Drake SW8B in the near future), so I thought I'd discuss various strategies to enhance one's listening fun without breaking the bank. Part of the fun of the hobby for some of us is playing with all the available gadgets, especially new ones. Unfortunately, economic reality often limits our ability to do this.

Used Equipment

Since new gadgets have a great deal of appeal to many hobbyists, that means that there is a constant turnover of older equipment that still works effectively, but has lost its appeal as the "latest and greatest". For the listener on a budget, this represents a great opportunity to expand their shack's "box score". For instance, if you've wondered if an antenna tuner, audio filter or other outboard accessory will really make a difference in your listening—why not try a used model of the particular accessory to find out? These can be found through magazine and computer advertisements, on-the-air swap nets or hamfests and from dealers.

Used receivers offer parallel opportunities. Buying a later model receiver can be a very cost-effective way to upgrade the main station receiver or a cheaper receiver can be obtained just to have some fun with a "new" radio. Older receivers can be a source of nostalgia for us older listeners or as way to find out how the old-timers did it for the younger crowd. Don't forget portables as a way to expand your hobby outside your usual listening location.

The older equipment offers not only a chance to have a novel radio to listen to but can also be an avenue to expanding one's knowledge of electronics. The older radios with discrete components are much easier to maintain, due to component accessibility and relative circuit simplicity. Boat anchor maintenance generates another portion of the "toy" spectrum—test equipment, service manuals and electronic reference books. Basic test equipment can usually be obtained quite cheaply. Some of the stuff is collectable in its own right.

Antennas

Experimenting with antennas can be a very inexpensive way to add some variety (and perhaps some improvement) to radio listening. All levels of complexity are possible, from single wires to directional arrays. Since receivers are more forgiving of impedance mismatch than transmitters, a greater variety of antenna variations is possible. Even the cost of coaxial cable can be avoided for balanced type antennas, such as loops or dipoles, by the use of lamp or "zip" cord, which supposedly has an impedance of around 70 ohms.

Antenna work is usually considered a warm weather activity, but the winter is a good time for receiving antenna projects. Again, this can be as simple as changing the orientation of an indoor wire or as complex as building an amplified loop. For those with woodworking skills, building and using a box loop is a good way to while away winter evenings.

Tinkering

Puttering about with the station setup can be a never-ending source of satisfaction (or frustration in some cases). Straightening up cable clutter is one place to start. If you know anyone who works in a hospital, try to get some of the corrugated plastic tubing that is used with anesthesia machines. This can be slit open lengthwise to bundle cables together and is much cheaper than the split loom tubing sold by electronics distributors.

Station grounding is an area that nearly always can be improved. Surplus or discarded coaxial cable is a good source for copper braid that can be used for ground leads. Copper pipe from the hardware store can be drilled for self-tapping screws and used as a common grounding bus for all equipment in the shack.

As the number of radios and accessories in the shack grows, there comes a point where there's just not enough room for everything. Another potential project for those with woodworking skills or aspirations is to build shelves or risers for the radio desk. With a little forethought and ingenuity, these can be designed to permit room for all the little things, such as log books, handbooks, tape recorders, etc.

So, if you don't have the bucks for the latest and greatest radio or accessory, don't despair. There are lots of things that can be done to enhance the fun of the hobby without a large outlay of funds. Don't forget that the most important piece of equipment for listening to shortwave lies between the listener's ears—take the time to improve your listening skills as well as improving your station.

NASWA

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

Welcome to the following new NASWA members

Jo Ann Garner, Simi Valley, CA
Charles A. George, Detroit, MI
Tom Harth, The Dalles, OR
Mark Holmes, Marion, IL
Ellen Jordan, Forest City, IA
Charles Keenum, Clarksdale, MS

Edward W. Martin, Cranston, RI
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A New DX Season...

The smell of dry leaves on the ground, college football on Saturday afternoons, and the sound of early afternoon Africans coming in on my desktop receiver are the sure signs of Autumn. And with Autumn, comes the semi-annual kabuki dance that stations call a W (or Winter) Schedule. As the clocks simultaneously change across North America and Europe, the hunt begins for the frequency changes to come. For those of us tracking shortwave schedules, the searching and hounding for this information has likewise begun.

Many of the smaller North American and European stations will simply shift one hour ahead with very little in the way of frequency changes. In contrast, the major broadcasters (recently back from the Fall HF Coordination Conferences, or HFCC) jockey to position themselves in the best location on the HF bands. In the past, this information had been kept a well-kept secret almost until the very start of Winter programming.

To quote my predecessor, Tom Sundstrom, in an interview with VoA's Dr. Kim Elliot at Winter Fest '97: "It's surprising how some of these stations are not very forthcoming with their frequency schedules". I believe this was in reference to the former Radio Moscow, who even as the Voice of Russia continue to provide poor or inaccurate frequency information. It's worthwhile to note that the VoR is yet again stating that they will use 7105 for one of their North American evening frequencies. In actuality, they haven't in many years.

Whether the reasoning is to prevent other stations from jumping on their "prime territory" or just to due to a lack of poor corporate organization and planning, one would think that they had a major obligation to their loyal listenership. To let them know where

they're going and what their plans are. And they do, eventually. Through electronic mail and world-wide-web pages, the news eventually gets out. And even then, sometimes it's right, sometimes it's dead wrong. Sometimes the information leaks out, as can be seen from the snippets found in electronic DX newsletters. But the majority of information is not being released until days before the changes are made. This is becoming more true of even the most tentative of scheduling information.

For example: As this column is being written on the evening of 23 October, formal schedules for the VoA, BBC and Radio Canada International have only been released (or leaked, as the case may be) within the past 24 hours. The schedules start in only three days and there is no information given on their respective web pages. Other stations, such as Radio Austria International go as far as to only offer their brand new purple and blue W97 paper foldout on their web page—by mail. Pretty cover (and they give a great explanation of it) but where's the data? As well, Swiss Radio International transmitter schedules have been available, but without any additional language information.

The bottom line of all of this is that you, the readers, probably want to know the same thing: Where's the data? And when things have settled down in a month we will bring it to you, in December, here, in this column.

... And a New Column...

A few months ago, I had promised that this would become at least a bimonthly column. Although it will not contain the full content of the semi-annual schedules I will be at my guard to provide you insight to the latest major changes. All this, with the promise of better propagation (and DX) conditions on the horizon and a new challenge for yours truly.



Country List Committee Report

Don Jensen
5204 70th Street
Kenosha, WI 53142
dnjkenosha@acronet.net

The New "Old" Radio Country List

The new 1998 edition of the NASWA Radio Country List is ready! A print copy of this 8.5x11 inch, 3-hole-punched booklet is available from the Company Store (Kris Field, 705 Gregory Drive, Horsham, PA 19044) for just \$3.00.

The 1998 edition will surprise longtime users, NASWA members and other SW DXers around the world. The list, used to tally countries heard and verified has changed, and changed dramatically. But the changes DO NOT alter the longtime philosophy and tradition behind NASWA's Radio Country List. And they DO NOT change the number of countries you can count. If, last month, you had 85 radio countries logged (HIC: heard individual countries), of which 75 were confirmed with QSLs (VIC: verified individual countries), those totals will remain the same with the 1998 edition of the list.

A basic principal behind the NASWA Radio Country List for well over 30 years has been "once a country, always a country." This benefits the long time Dixer who began years ago, and the newer listener, who became a shortwave listener more recently. An "all-time" list, it allows a shortwave listener to count a radio country regardless of when—after September 1, 1945—a station has been heard or verified. The 1945 date, approximately the end of World War II, marks the beginning of modern shortwave broadcasting. The 1998 edition changes none of that. But there are two key differences between the new edition of the list and its predecessor, last published four years ago.

The first change is to the traditional order in which each country name appears. In the new list, the current commonly used country name appears first, followed, in parentheses, by earlier name usages. Example: BURKINA FASO (Upper Volta)(French West Africa). Formerly, this would have been listed in the reverse order, as: FRENCH WEST AFRICA (Upper Volta)(Burkina Faso), with the first reference to a name for the particular politico-geographical region used in 1945, and parenthetical additions noting subsequent names for this radio country. The old format was intended to recognize the historical continuity and the "all-time" approach of the NASWA list. Unfortunately, the downside was that too often it was hard to find a country on the list, particularly for listeners who weren't around in 1945. And with the passage of decades, that meant most of NASWA's membership. The former method also meant that the list did not have to be realphabetized each time some country changed its name, a not infrequent occurrence. However, the advent of the computer age in which data can be easily manipulated—in this case, re-alphabetized—eliminated this as a serious consideration. The new name format moves the focus of the NASWA Radio Country List into the new millenium, while not abandoning its tradition and historical context.

The second big change is a new section—the gazetteer—which has been added to the radio country list. In fact, it is not new at all, but rather a return to a supplemental listing which once, years ago, was part of the NASWA

radio country list "package." It is intended as a reference aid to assist you in using the list itself. While the list arranges countries alphabetically BY CONTINENT, the gazetteer arrangement is alphabetical WORLDWIDE. This can help if you aren't sure to which continent a particular country is assigned. For each country in the gazetteer, the continent is noted parenthetically. The gazetteer also denotes with an asterisk those countries which have not had shortwave broadcasting stations for some years and which are not likely to return to the air. In some cases, it indicates when stations in those radio countries left the air. The gazetteer also includes additional geographical, historical and political information, to help put current status of countries in perspective. In certain potentially confusing situations, it notes the location of SWBC stations within

those radio countries. All of this information, the committee believes, will help you make better use of the list to keep track of your countries heard and verified for Scoreboard or Award purposes, or for just measuring your own progress as a shortwave DXer. And, we hope to add more helpful information to the gazetteer in future editions of the list. Your suggestions in this regard will be helpful.

NASWA Country List Committee

Don Jensen, Chairman
 Jerry Berg
 John Bryant
 David Clark
 Harold Cones
 Gerry Dexter
 John Herkimer



Listener's Notebook Extra by Al Quaglieri

(The following items were received too late to be incorporated into the column, but are presented here. -Ed.)

GREECE Tentative Winter 1997 Voice of Greece shortwave schedule received from Stratos Kalaitzis—Direction of Engineering and Development:

0000-0350 9425 7450 6260 5895
 0400-0555 15650 15175 11645 9420
 0600-0800 11645 9775* 9425 7450 7430
 0900-0950 15650 15415 9590*
 1000-1150 9915 9420
 1200-1250 11645 9580*
 1200-1350 15630 15175 12105
 1300-1350 11645 9580*
 1400-1450 15650 15630 11645 9420
 1500-1700 11645 9425 9375 7450
 1710-1750 11645 9425 9375 7450
 1800-1850 15150 11645

1800-2050 9420
 1800-2150 17705* 15485* 7450
 1900-1950 9380 7430
 2000-2050 9380 7430
 2100-2250 11645 11595
 2150-2250 6260
 2200-2300 9395
 2300-2350 11710 11595 9425 9395

*=via Delano or Greenville VOA sites

Macedonia Radio Station via Thessaloniki:

0600-1400 11595 9935
 1400-2100 11595 9935 7430
 2100-2205 11595 9935
 2205-2300 11595

(Rigas-IL/rec.radio.shortwave)

Listener's Notebook

Al Quaglieri
P.O. Box 888
Albany, NY 12201-0888
FAX: (518) 453-0864
Internet: alcue@albany.net

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AFGHANISTAN *Radio Afghanistan* is that country's anti-Taliban station, first heard by BBC Monitoring on 29th October 1996. It appears to be operated by supporters of Borhanoddin Rabbani, the former president of Afghanistan, who was ousted from Kabul by Taliban forces in late September 1996. According to pro-Rabbani officials in Tashkent, the radio broadcasts from a facility in Taloqan, in the centre of Takhar Province in northern Afghanistan. It operates on the same frequency as the Tajik opposition radio Voice of Free Tajikistan, and may well be sharing facilities.

0730-0835 Dari/Pashto 7084v
1230-1330 Dari/Pashto 7084v

(BBCM)

ANGOLA 5985, *Vorgan*, 2015-2040, Portuguese. Pleasant Portuguese ballads. M with lively announcements of a political nature in which "Unita" very prominent. At times listening to voice audio made difficult due to an annoying "echo." Nothing heard on 7090 (10-Oct/Clemiston/DSWCI DX Window/Krone-DEN)

'Diario de Noticias' has learnt that one of the UN Security Council's demands—that by 30th [September] UNITA's radio station *Vorgan* [*Voice of the Resistance of the Black Cockerel*] should be changed into a multiparty station, giving up its previous role as an intensive propaganda tool—has been made possible with the allocation of a frequency in Luanda. The new UNITA station will be called Wake Up Radio...('Diario de Noticias' web site, Lisbon/25-Sep/BBCM/DSWCI DX Window/Krone-DEN)

ANTARCTICA 15475.96 *Radio Nacional Arcangel*, Base Esperanza, 1945 Talk about Cordoba, QSL info, lots of Argentine mx (8-Oct/Schotmans-BEL)

ARGENTINA *RAE*, Buenos Aires

0000-0200	Portuguese	11710 Tu-Sa
0200-0300	English	11710 Tu-Sa
0300-0400	French	11710 Tu-Sa
1000-1200	Japanese	11710 Mo-Fr
1200-1400	Spanish	11710 Mo-Fr
1800-1900	English	15345 Mo-Fr

1900-2000	Italian	15345 Mo-Fr
2000-2100	French	15345 Mo-Fr
2100-2200	German	15345 Mo-Fr
2200-2400	Spanish	15345 9690 Mo-Fr

(BBCM)

8098L *R. Rivadavia*, Buenos Aires, 0440-0505 M announcer with pgm of LAM vocals, clear ID and freq (630-MW) at 0505. Different Argentine station concurrently on USB, did not catch ID. (21-Sep/Clark-ONT/CA)

8098U *Cadena Cien*: is undoubtedly a new entry on this shortwave feeder, observed 0730-1015* on 11 Oct, fair but sometimes mixing with another Argentine station on USB which identified itself as "Radio Antena...La Favorita..." English romantic vocals and W DJ. The shortwave relay was suddenly closed at 1015 as usual. (11-Oct/Nozaki-JPN/EDXP/Padula-AUS)

8098U *Radio Continental AM*, Buenos Aires noted 0700-0900 fair signal. Oldies mx program "Algo para Recordar." Every 30 minutes, the news flash "Informativo Continental" was heard. Also heard at 0800-0910 fair on 19/10. At 000 rx "Ayer y Hoy." (18-Oct/Nozaki-JPN/EDXP/Padula-AUS)

AUSTRIA Now it doesn't matter to English-speaking listeners whether BBC will again be clashing with *ORF* at 0230 on 7325--

ORF has consolidated its two English broadcasts at 0030 and 0230 into one at 0130 for W97, //9495, 9870 to SAM. Morning shifts to 1330 on 13730; and Canadian relay 6015 resumes two English at 0530 and 0630 instead of French at the latter time (*ORF* and via Bob Thomas/WOR/Hauser)

BANGLADESH 15521.28 *R. Bangladesh*, 1404 + 1520 subcontinental music bridge and into talk by man (voice audio distorted) at fair level. Still there but weak w/domestic vocal at 1520 recheck. Hadn't hrd this channel in quite some time but recent reports caused me to check and this may be the best bet to log Bangladesh currently when propagation to ECNA is good. (21-Sep/Clark-ON/CA)

BELARUS *Radiostanzya Belarus* (aka Radio Minsk) told in it's German program on October 4: "We are still dissatisfied about the reception quality of our transmitters in the Ukraine. Most of our listeners will find one of our direct frequencies usable, so we will likely do without the Ukrainian transmitters, especially as transmitter rents and feeder lines becomes more and more expensive." (Ludwig-FRG/DSWCI DX Window/Krone-DEN)

BELGIUM *Radio Vlaanderen Internationaal* made important schedule changes on 26 October 1997:

- less hours of transmission;
- end of programs in Spanish and Arabic;
- programs in French and German limited to weekends;
- use of relay stations in Juelich (Deutsche Welle and Deutsche Telekom, Germany), Bonaire and Madagascar (RNW) and Tashkent and Petropavlovsk (CIS, with technical help from RNW).

Here is the complete schedule:

0430-0500	Dutch	6120B
0600-0625	Dutch	9925W 13745W
0630-0655	Dutch	9925W 9940W
0700-0825	Dutch	6130W 9925W
0830-0855	English	6130W 13795W
1000-1025	Dutch	15145M
1130-1255	Dutch	9925 11745W
1200-1230	Dutch	6170PK 13795T 15250B
1200-1255	Dutch	6130W 9925W
1300-1325	English	13680W
1700-1825	Dutch	5910W 7255J 9925W 11680J
1730-1755	English	5910W 9925W 11680J
1800-1830	Dutch	9925W 13745W
1830-1855	English	9925W 13745W
1900-1930	Dutch	5910J 5960J 9925W 13745W
1930-1955	Dutch	5910J 9925W 13745W
2000-2055	Dutch	5910W 9590W
2300-2325	Dutch	9555B
Exceptions on Fridays:		
2130-2155	French	9925W
Exceptions on Saturdays:		
0900-0925	German	6130W 9925W
0930-0955	French	15545W 21510W
1900-2100	Dutch*	9850W 11725W
1900-1930	Dutch	5910J 5960J 13745W
1930-1955	Dutch	5910J 13745W
2000-2055	Dutch	9590W
Exceptions on Sundays:		
0900-0925	German	6130W 9925W
0930-0955	French	15545W 21510W
1030-1130	Dutch	17690W 21510W
1400-1700	Dutch*	9925W 11890W 17680W

B = Bonaire (Netherlands Antilles) J = Jülich (Germany) M = Antananarivo (Madagascar) PK = Petropavlovsk-Kamtchatka (Russia) T = Tashkent (Uzbekistan) W = Waver (Belgium)* = Sports (relay of home service Radio 1)
(Schotmans-BEL)

BOLIVIA Update on Bolivian shortwave scene, from Nozaki-JPN:

3200.3 *Radio 9 de Abril* "La Voz del Trabajador Industrial," Pulacayo; has not been observed on shortwave for a couple of years. The last time I heard the station was in March 1993.

3280.0 *Radio Chaco* "La Voz del Campesino," Yacuba; has been inactive since August 1982.

3330.0 *Radio Charcas*, Monteagudo; was closed down according to the Superintendent of Telecommunications.

3340.2 *Radio Viloco*, Mina Viloco; ceased its transmission when the mining center was closed down.

3350.2 *Radio 27 de Diciembre*, Villamontes; was not heard during my stay in Bolivia.

3370.5 *Radio Florida*, Samaipata; has been inactive for some years.

3390.4 *Radio Emisoras Camargo*, Camargo; 2300-0200.

3472.V *Radio Padilla*, Padilla; was not heard during my stay in Bolivia.

3754.3 *Radio 20 de Septiembre*, Bermejo; has not been observed for several years.

4211.V *Radio Perla del Oriente*, Robore; has not been observed for several years.

4409.4 *Radio Eco*, Reyes; 2230-0200.

4420.7 *Radio Santa Rosa*, Santa Rosa; has not been observed for a couple of years. The last time I heard the station was in March 1993.

4441.3 *Radio Ecologia Internacional*, San Matias; has been inactive since January 1994.

4449.3 *Radio Estacion Frontera*, Cobija; was not heard during my stay in Bolivia.

4472.1 *Radio Movima* "La Voz de Santa Ana del Yacuma," Santa Ana del Yacuma; 1030-1600 & 2100-0200. (Sunday 1100-1700 & 2200-0100).

4508.7 *Radio Emisora San Joaquin*, San Joaquin; was not heard during my stay in Bolivia. The station has not been observed since October 1995.

4530.3 *Radio Hitachi*, Guayaramerin; 1100-1600 & 2200-2400.

4549.4 *Radiodifusoras Tropico* "La Voz Civica del Beni," Trinidad; broadcast here irregularly in September 1997, with "CONTEL" brand transmitter of 3kW power as alternative frequency.

4552.3 *Radiodifusoras Tropico*, Trinidad; was heard almost daily in September 1997. This outlet is

- equipped with "HUCARR" brand transmitter of 1kW. 1000-1200, 1600-1830 & 2230-0100.
- 4599.3 *Radio Emisoras Villamontes*, Villamontes; 0900-1730 & 1900-2400 (Sunday 0900-1700 only).
- 4600.0 *Radio Perla del Acre*, Cobija; 0900-1100 & 2130-0300 (no operation on Sunday).
- 4625.7 *Radiodifusora Machupo "La Voz de San Ramon"*, San Ramon; has not been heard since January 1994.
- 4631.V *Radio Emisoras Entre Rios*, Entre Rios; has not been observed for several years.
- 4632.4 *Radio 11 de Octubre*, Cobija; was not heard during my stay in Bolivia.
- 4649.1 *Radio Santa Ana*, Santa Ana del Yacuma; 1055-1700 & 1930-0330.
- 4681.7 *Paititi Radiodifusion*, Guayaramerin; has been inactive since October 1995, probably due to technical problem. This shortwave outlet is equipped with "THORDARSON" brand transmitter (1kW).
- 4682.1 *Paititi Radiodifusion*, Guayaramerin; slightly drifted from 4682.3kHz. This alternative outlet is equipped with "HUCARR" brand transmitter (0.2kW). 1030-1900 & 2100-0200.
- 4702.3 *Radio Eco San Borja*, San Borja; 1200-0300 (no operation on Sunday).
- 4719.8 *Radio Abaroa*, Riberalta; 1000-0400 (Sunday 1000-0100).
- 4732.2 *Radio La Palabra*, Santa Ana del Yacuma; has not been observed since late December 1996.
- 4756.V *Radio Emisoras Bolivia*, Oruro; has been inactive since a long time ago. The station is planning to resume the shortwave transmission with the support of "ABC" (Asociacion Boliviana para la Cultura de los Trabajadores). The old shortwave transmitter of "Telefunken" brand (5kW) will be repaired by a local radio-engineer, and additionally "INELBO" brand transmitter will be purchased for the shortwave operation. Radio Emisoras Bolivia currently operates at 1000-1300 daily, on CP62 1450kHz medium wave and CP182 105.1MHz FM simultaneously.
- 4765.3 *Radio Guanay*, Guanay; was not heard during my stay in Bolivia. The last time I heard the station was September 21, 1993 while in San Borja, Department of Beni. According to the Superintendencia de Telecomunicaciones, the station has presented a planning application to commence FM transmission instead of the shortwave broadcast.
- 4775.2 *Radio Los Andes*, Tarija; has been inactive since February 1983, due to technical problem.
- 4777.7 *Radio A.N.D.E.S.*, Uyuni; 1000-1130 & 2100-2400.
- 4785.5 *Radio Emisoras Ballivian*, San Borja; 1500-1700 with the local newscast "Informativo Central."
- 4795.9 *Radio Nueva America*; La Paz; has been inactive for many years. After the change of ownership, the station has no plans to resume the shortwave transmission. Radio Nueva America currently broadcasts only on the frequency of 860 kHz with "CONTEL" brand transmitter (10kW). The medium wave outlet runs at 1015-2400 (Sunday 1100-2300).
- 4815.0 *Radio Nacional de Bolivia*, La Paz; has been inactive since late April 1986.
- 4830.0 *Radio Grigota*, Santa Cruz de la Sierra; was not heard during my stay in Bolivia.
- 4845.0 *Radio Fides*, La Paz; 1000-1805 & 2115-0200 (Sunday 1100-1800). //with 6155.0kHz & 9624.9kHz
- 4854.9 *Radio Centenario "La Nueva"*, Santa Cruz de la Sierra; 1030-0200 (Sunday 1030-2300).
- 4856.7 *Radio El Condor*, Uyuni; was closed down due to financial problem. It was informed by Jorge Bustillo Burgos, the director of Radio El Condor in La Paz and the president of "UNESBO" (Union de Emisoras Sindicales de Bolivia). When I visited the station in August 1991, it operated only on FM. The station director said that the shortwave outlet had been out of service since 1991.
- 4864.5 *Radio Emisoras 16 de Marzo*, Mina Bolivar; 1000-0200 (Saturday/Sunday 1000-2300).
- 4875.V *Radio La Cruz del Sur*, La Paz; 0930-1300 & 2130-0030 (Sunday 0930-1400).
- 4885.6 *Radio Sararenda*, Camiri; 1000-1200 & 1800-2100 (no operation on Sunday).
- 4900.7 *Radiodifusora San Ignacio*, San Ignacio de Moxos; was irregularly heard around 1100 with weak signal.
- 4926.6 *Radio San Miguel*, Riberalta; 1000-0300 (Sunday 1000-0200).
- 4939.3 *Radio Norte*, Montero; 0900-1300, 1600-1800 & 2200-0100.
- 4945.0 *Radio Illimani*, La Paz; 1100-0400.
- 4965.0 *Radio Juan XXIII*, San Ignacio de Velasco; 1000-1430 & 1730-2400.
- 4990.9 *Radio Animas*, Animas; 1000-1800 (Sunday 1100-1300).
- 5005.8 *Radio Libertad*, La Paz; The shortwave outlet has been used only for football game relay. It is possible to capture its signal around 2300-0200 (Wednesday), 1830-2230V (Saturday/Sunday). When Radio Libertad regularly operated its shortwave transmission in 1995, it was scheduled at

- 1000-1800 & 2200-0200. The medium wave outlet currently runs at 1000-0200 (Sunday 1000-2400) on 790kHz with an output power of 5kW.
- 5044.9 *Radiodifusoras Altiplano*, La Paz; has not been in operation for a couple of months.
- 5123.7 *Galaxia Radiodifusion*, Guayaramin; was not observed during my stay in Bolivia.
- 5504.2 *Radio 2 de Febrero*, Rurrenabaque; 1200-1500 & 0200-0200.
- 5580.2 *Radio San Jose*, San Jose de Chiquitos; was not observed during my stay in Bolivia.
- 5925.V *Radio Centinela*, Tupiza; ceased its shortwave transmission. Its 150Wt transmitter is currently modified to be able to broadcast on 1430kHz medium wave.
- 5927.2 *Radiodifusoras Minería* "La Voz de las Mayorías Nacionales," Oruro; 1000-2300 (Sunday 1100-2200) on 1290kHz and 5925kHz (nominal). The station also broadcasts on 107.7MHz FM stereo simultaneously with medium wave and shortwave. Schedule of FM outlet is 1000-0200 (Sunday 1100-0200).
- 5929.5 *Radiodifusoras Amazonia* "La Voz del Tropico," Las Romas de San Lorenzo, San Antonio; The station formerly identified itself as Radiodifusoras CVU "La Voz del Tropico" broadcasting from Villa Tunari, capital of the Province of Chapare in the Departamento de Cochabamba. The shortwave outlet has been inactive since June 1995, but the station is currently operating on 100.1MHz FM stereo. It runs at 0900-0100 daily. Las Romas de San Lorenzo is approximately 3km south from Villa Tunari.
- 5945.7 *Radio Emisoras Pio XII*, Siglo XX; was not observed during my stay in Bolivia.
- 5952.4 *Radio Emisoras Pio XII*, Siglo XX; 1100-1400 & 2100-0200 (Sunday 1100-1400 & 2100-0100).
- 5964.7 *Radio Nacional de Huanuni*, Huanuni; was not observed during my stay in Bolivia. Currently the station also operates on FM for local audience living in the mining center of Huanuni.
- 5975.2 *Radio Nacional de Cochabamba*, Cochabamba; has been inactive since March 1986.
- 5984.9 *Radio San Jose*, Oruro; has been inactive since May 1986.
- 5996.4 *Radio Loyola*, Sucre; 1000-2400 (Sunday 1100-).
- 6014.8 *Radio El Mundo*, Santa Cruz de la Sierra; 1000-0100 (Sunday 1100-2100).
- 6025.0 *Radio Ilimani*, La Paz; 1100-0400
- 6065.7 *Radio Mauro Nuñez*, Villa Serrano; was not heard during my stay in Bolivia.
- 6081.4 *Radio 21 de Diciembre*, Catavi; has been inactive for many years.
- 6085.3 *Radio San Gabriel*, La Paz; 0855-1800 & 2000-0100.
- 6095.1 *Radio Cosmos*, Cochabamba; has been inactive since September 1993.
- 6105.4 *Radio Panamericana*, La Paz; 0945-0400 (Sunday 1100-2400).
- 6119.3 *Radiodifusoras Integración*, El Alto de La Paz; has been inactive due to technical problem since October 1996. The medium wave outlet broadcasts on 650kHz at 0900-0300 (Sunday 1100-0200).
- 6135.0 *Radio Santa Cruz*, Santa Cruz de la Sierra; 0900-0100.
- 6140.7 *Radio Luis de Fuentes*, Tarija; has been inactive for several years.
- 6155.0 *Radio Fides*, La Paz; 1000-1805 & 2115-0200 (Sunday 1100-1800). // with 4845.0kHz & 9624.9kHz
- 6184.9 *Radio Batallon Colorados*, La Paz; has been inactive for some years. The experimental transmission on shortwave was last observed in April 1994.
- 6195.0 *Radio Carlos Palenque*, La Paz; 0900-2100 daily. The medium wave outlet broadcasts on 930kHz at 0900-0500 (Monday-Friday), 0900-0600 (Saturday), 0900-0200 (Sunday).
- 6557.0 *Radio Television Colonia*, Yapacani; has been inactive since August 1997 because its shortwave transmitter was destroyed by lightning. The shortwave outlet broadcast at 2100-0200 when it was active.
- 9624.9 *Radio Fides*, La Paz; 1000-1805 & 2115-0200 (Sunday 1100-1800). // with 4845.0kHz & 6155.0kHz
- 9712.2 *Radio La Plata* "La Voz de la Capital," Sucre; 1400-1930.
(Nozaki-JPN)
- BRAZIL** 3375.08, *R. Clube*, Dourados, Mato Grosso do Sul, 0110 with PP version of "Silence is Golden," Robert Carlos selection, "Feelings," mentions of Rio Grande do Sul, "Clube" sounders, and ad strings. (7-Oct/Novello-NC)
- 4765 reactivation of *R. Integracao* confirmed, 1150 when concluding prgr apparently called "Os parabens da semana" (Congrats of the week). Caught anncts in the passing "pela Radio Integracao AM e onda tropical." (11-Oct/Klemetz-COL/Dateline Bogota)

BULGARIA Radio Bulgaria W97:

0000-0100	English	7375 9485
0000-0100	Spanish	7170 9415
0100-0200	Bulgarian	7170 7375 9415 9485
0200-0300	Spanish	7135 7170 9415
0200-0400	Bulgarian	7375 9485
0300-0400	Russian	5890 7230
0400-0500	Bulgarian	5890 7230
0400-0500	French	7375 9485
0500-0530	Greek	5940 Su-Fr
0500-0600	English	7375 9485
0500-0600	Greek	5940 Sa
0515-0600	Turkish	5980 7390 Mo-Fr
0530-0600	Albanian	5940 Su-Fr
0600-0700	Serbian	5940 Mo-Fr
0600-0730	Turkish	6135 7365 Sa/Su
0615-0700	German	7375 9475
0700-0800	French	7375 9475
0730-0830	Albanian	5895 Sa
0730-1000	Serbian	5895 Su
0830-1000	Serbian	5895 Sa
0900-1000	Greek	5965 7295 Sa/Su
1100-1200	French	11605 15130
1100-1200	German	11860 15290
1200-1300	English	15130 15290
1300-1600	Bulgarian	5865
1500-1600	Russian	5935 7425 9825
1600-1645	Serbian	5865
1600-1700	Bulgarian	5935 7415 7524 15195
1645-1730	Albanian	5865
1700-1800	Spanish	9985 11855
1700-1900	Bulgarian	5935 7425
1715-1800	German	7530 9700
1730-1815	Greek	5865
1800-1900	French	7530 9700
1815-1900	Turkish	5865 7540
1900-2000	Bulgarian	5865 7335 7540
1900-2000	German	7530 9700
1900-2000	Russian	5935 7425
2000-2100	English	7530 9700
2000-2200	Bulgarian	5865 7335
2100-2200	French	7530 9700
2200-2300	English	7530 9700
2215-2315	Spanish	5860 7485

(Volk-FRG/DX Antwerp web page)

CAMEROON CRTV, Buea. After more than a year, the mysterious African on 3970v has been identified! Positively // 4850 at 2200 with presumed relay from Yaounde; carrier strong as usual, though audio badly distorted. This must be a new transmitter, as the signal is consistently way too strong for listed 4 kw. (10-Oct/Hill-MA)

CRTV 4850 t/in French 2000, mostly French annts (perhaps a few words of English), music through 24 UT s/off without any announcement, but full NA. (7-Oct/Sundstrom-NJ)

CANADA Here's the Winter '97 sked from **Radio**

Canada International:

0000-0029	English	6040 9535 11865 Tu-Sa
0000-0059	English	5960 9755 Su/Mo
0000-0059	Spanish	6040 9535 11865 Su/Mo
0030-0059	Spanish	6040 9535 11865 Tu-Sa
0100-0159	French	9535% 9755 11865
0130-0159	Spanish	9535 11865 Tu-Sa
0200-0259	English	6155 9535 9755 9780 11865
0300-0329	English	6155 9755 9780 Tu-Sa
0300-0329	French	6025E 9505V
0300-0359	English	6155 9755 9780 Su/Mo
0330-0359	Arabic	6025W 7210S 9505V 9615W
0330-0359	French	6155 9755 9780 Tu-Sa
0400-0429	English	6150S 9505V 9645E
0430-0459	Arabic	7200W 9505W 11715V
0600-0659	English	6050 6150E 9740E 9760 11905E Mo-Fr
0600-0659	French	6050 6150E 9740E 9760 11905E Su-Mo
1200-1229	English	6150Y 11730Y
1230-1259	French	6150Y 11730Y
1300-1325	Chinese	6150Y 7260K 11955Y
1300-1359	English	9640 11855
1300-1359	French	9650 15425
1330-1357	English	6150X 9535X
1400-1459	English	9640 11855
1400-1659	English	9640 11855 Su
1400-1659	French	15325 Su
1430-1455	Chinese	6030K 6150Y 7235Y
1430-1459	English	9555E 11915S 11935E 15325S
1500-1559	French	9555E 11815S 11935E 15325# 17820
1600-1659	Russian	6150K 6185Y 9555E 11935E 15325# 17820
1630-1657	English	6140X 7150X
1700-1759	Ukrainian	9555E 11935E 15325 17820
1800-1859	Russian	7235E 9555E 11945 13650 15325 17820
1900-1959	Ukrainian	7235E 9555E 11945 13650 15325 17820
2000-2059	French	5925 5995E 7235E 9805 11945 13650 13690 15150 17820
2100-2159	English	5925 5995E 7235E 9805 11945 13650 13690 15150 17820
2200-2229	English	5995 7235E 9735E 9805 11945 13690 15150 11705Y
2230-2259	French	5960 5995 7235E 9735E 9755 11705 11945 13690
2300-2329	English	5960 6040 9535 9755 11865
2330-0059	English	5960 9755 Mo-Fr
2330-2359	English	5960 6040 9535 9755 11865 Sa/Su
2330-2359	Spanish	6040 9535 11865 Mo-Fr

%—first half hour (TU-SA UTC) and full hour (SU/MO UTC)#—MO-SA only K: Kimjae, Korea S: Sines, Portugal E: Skelton, England V: Vienna, A: Austria W: Wertachtal, Germany X: Xian, China Y: Yamata, Japan (22-Oct/RCI/Ferguson)

With **CKFX** 6080 kaput, **CHNX** 6130 becomes the QRP champion at 50 watts, if they still don't have the higher-powered unit going. Since **CFRX** 6070 was booming in, I decided to check 6130, not really expecting to hear it—but Oct 23 at 1026 tune-in, there it was amid their special SW ID, on USB only, weak but relatively clear. Ads and music, UT-3 TCs still in effect, IDs as Oldies 96, news. Already at 1035 the SW ID came up again: "You are listening to radio station **CHNX** shortwave, 6130 kHz on the 49 meter band. We are broadcasting from the studios of **CHNS** radio in Halifax, Nova Scotia, Canada, 24 hours a day." Then wx from the Weather Network (23-Oct/Hauser-OK)

CHINA 4734.94, **Xinjiang PBS**, Urumqi, *1100 signs on with a simple IS comprised of the first 7 notes of "The East Is Red" played on an electric piano or similar instrument.(13-Oct/Novello-NC)

The new high-powered Urumqi transmitters for **CRI** are now listed:

7200	1700-1727	English	1800-1827	Persian
7230	1830-1927	French		
7255	1700-1757	Russian	1800-1827	Hungarian
	1830-1857	Bulgarian	1900-1927	Czech
	1930-1957	Romanian	2000-2027	S/Croatian
	2030-2057	Polish		
9635	2000-2057	English		
9670	1730-1827	Chinese	1830-1927	French
	1930-1957	Portuguese	2000-2057	Chinese
	2100-2157	English	2130-2157	French
9900	1800-1827	Hungarian	1830-1857	Italian
	1900-1927	German	2000-2027	Esperanto
	2030-2057	Italian	2100-2127	Albanian
	2200-2257	Spanish		

(NDXC/EDXP/Padula-AUS)

CLANDESTINE—AFRICA *Rainbow Radio* (Amharic: *Yeh Ye Keste Damena Radio New*) was first heard in September 1997, although it may have begun broadcasting some months earlier. The radio appears to be run by an Ethiopian opposition group and is believed to broadcast via hired shortwave transmitters in Germany.

0100-0200	Amharic	5910 Sa
1600-1700	Amharic	15365 Th
1900-2000	Amharic	6130 Sa

(BBCM, per Hauser UnID)

CLANDESTINE—CHINA First noted on 19 October, 1997, the Chinese number station "**New Star Broadcasting Station**" has now put out a fifth channel on the in-band frequency of 13750. Noted as early as 2300 and as late as 0900. The format of broadcasts is the same as the other channels and identification is as follows: "*Zheli shi Xinxing guangbo diantai, di wu tai*" or "This is New Star Broadcasting Station, the fifth channel." This channel distinguishes itself from the other channels by a

hum in the signal. This fifth channels has probably been set up to relief the other four channels. Activity has been notably down (especially Sundays), broadcasts are usually on the hour or half hour (not always both) and sign-off time has been noted as early as 0900. To recap, the frequencies of all channels are now as follows...11430 New Star Channel 1; 15388 New Star Channel 2; 9725 New Star Channel 3; 8300 New Star Channel 4; 13750 New Star Channel 5. (2-Oct/van den Boogert/EDXP/Padula-AUS)

CLANDESTINE—MIDEAST *Voice of Iranian Kurdistan* (Persian: "Seda-ye Kordestan-e Iran;" Kurdish: "Ira Dangi Kurdistanî Irana");

0330-0430	Kurdish	3940-4200v
0430-0500	Persian	3940-4200v
1400-1500	Kurdish	3940-4200v
1500-1530	Persian	3940-4200v

(BBCM)

CLANDESTINE—RADIO FREE ASIA

1130-1230	Lao	17805(D1)	15170(D1)
1222-1255	Voice of Tibet	11570(D1)	
1230-1330	Khmer	11510(D1)	15405(D1)
1300-1400	Tibetan	11575(D1)	11590(D1)
1400-1500	Vietnamese	9930(KWHR)	11590(D1)
		9395(D1)	9455(KHBI)
1500-1600	Burmese	11590(D1)	9395(D1)
1500-1600	Chinese	11955(KNLS)	7530(D1)
		9905(KHBN)	9445(KHBI)
		11945(KHBI)	
1530-1630	Korean	11565(unknown site)	
		9980(KHBN)	5855(CIS)
1600-1700	Chinese	11955(Delano)	7530(D1)
		9905(KHBN)	9445(KHBI)
		11945(KHBI)	
1700-1800	Chinese	11955(Delano)	7530(D1)
		9455(KHBI)	11945(KHBI)
2100-2200	Chinese	15515(Delano)	
		11765(KNLS)	7530(D1)
		9905(KHBN)	9795(KHBI)
		9725(KHBI)	
2200-2300	Korean	15515(Delano)	
		11785(KNLS)	7495(D1)
		9455(KHBI)	7460(CIS)
2200-2300	Lao	7550(D1)	5930(D1)
		9940(KHBN)	9725(KHBI)
2230-2330	Khmer	6015(KWHR)	11510(D1)
2300-2400	Chinese	15515(Delano)	
		11785(KNLS)	7530(D1)
		9940(KHBN)	13800(KHBI)
2300-2400	Tibetan	11550(D1)	7400(D1)
		9835(?)	
2330-0030	Vietnamese	9975(KWHR)	13710(??)
		9980(KHBN)	11580(CIS)
0030-0130	Burmese	11600(D1)	11590(D1)
		13710(?)	11580(CIS).

(Note: D1 = Dushanbe).(NDXC/EDXP/Padula-AUS)

COLOMBIA *Colmundo* operates a network of stations in Colombia. They run 24 hours a day on 6065v, with news headlines on the hour and half hour. Address: Colmundo, Diag. 58 No 26A-29 (or Apartado Aereo 36750), Santa Fe de Bogota, Colombia Tel: +57-1-217-8911 Fax: +57-1-217-9358 (BBCM) 6064.5 *Colmundo Bogota* is on this freq since Sept 20 on a somewhat irregular sked. (20-Sep/Klemetz-COL/Dateline Bogota)

H6201.1 The unid parrish broadcaster no longer audible since Sept 20. (Klemetz-COL/Dateline Bogota)

COSTA RICA 6970U *Radio for Peace International* 0114 Found while looking for pirates on 6955 kHz. Parallel to 7385am but 6970 had worse modulation. Had FIRE program and ID at 0202. No mention of any freqs at ID. Gone when checked at 0343. (21-Oct/McDonough-MA) RFPI has been testing a new frequency, 6970. Tim Hendel says it started UT Oct 21 on USB, but when I checked the next night it was on AM, not bad signal //7385 and no 7585 but was on AM with noticeably inferior modulation, including during World of Radio UT Wed at 0300. 6970 not on all-night, as not heard during checks around 1100 on Oct 22, 23. No jamming lately (Hauser-OK/WOR)

CROATIAN *Croatian Radio* Zagreb—very large signals noted on freq 5850 at *2000-2200* in Croatian, to South Africa, obliterating co-channel Sofia! Parallel 11635 also audible. (11-Oct/Padula-AUS/EDXP)

CYPRUS Message from *R. Bayrak* to Dan Henderson: "We still plan to be back on the air before the end of this year. You will recall our plans to replace the 7.5 kw xmtr with a new one. This new xmtr is now being manufactured by CCA Electronics (Fairburn, GA). Unfortunately, they are behind the schedule for various reasons. The installation is planned for the end of November. Hopefully there will be no more delays. I will keep you informed on the dates when they are definite. Regards, M. Tosun." (12-Oct/Henderson-MD/NU/EDXP/Padula-AUS)

CZECH REPUBLIC *Radio Prague's* W97 sked:

0000-0027	English	5930 7345
0030-0057	Spanish	5930 7345
0100-0127	English	6200 7345
0130-0157	Czech	6200 7345
0200-0227	Spanish	6200 7345
0230-0257	Czech	5930 7345
0300-0327	English	5930 7345
0330-0357	English	7350 11600
0700-0727	French	5930 7345
0730-0757	German	5930 7345

0800-0827	English	9505 11600
0830-0857	Spanish	9505 11600
0900-0927	French	9505 11600
0930-0957	Czech	11600 21705
1000-1030	English	17485 21705
1030-1057	Czech	17485 21705
1100-1127	German	6055 7345
1130-1157	English	7345 9505
1300-1329	German	6055 7345
1330-1357	Czech	6055 7345
1400-1430	English	13580 21700
1430-1457	Czech	13580 21700
1500-1527	Spanish	9430 13580
1530-1557	French	5930 9430
1600-1627	German	5930 9505
1630-1657	Czech	5930 9430
1700-1727	English	5930 9430
1730-1757	French	5930 9430
1800-1827	English	5930 9430
1830-1857	Czech	5930 9430
1900-1927	Spanish	5930 9430
1930-1957	French	5930 9430
2000-2027	Spanish	5930 9430
2030-2057	Czech	5930 9430
2100-2127	English	5930 7345
2130-2157	Spanish	5930 7345
2200-2227	French	5930 7345
2230-2257	English	5930 7345
2300-2327	Spanish	5930 7345
2330-2357	Czech	5930 7345

(Bucky-UK/DX Antwerp web page)

DENMARK *Radio Denmark* W97, all programs in Danish via Norwegian sites:

0030-0055	7465 7560
0130-0155	7465 7545 7565
0230-0255	7465 7545 7565
0330-0355	7520 7545 9975
0430-0455	7520 7420 9975
0530-0555	7545 9975
0630-0655	5965 7180 13800
0730-0755	7180 9590 11625
0830-0855	11625 15175
0930-0955	11625 13800
1030-1055	15220 17840
1130-1155	7295 15605
1230-1255	9905 11840 13800 15605
1330-1355	9590 9905 13800 13805
1430-1455	13800 13805
1530-1555	11840 12055 13800
1630-1655	9985 13800 13805
1730-1755	7485 7560 9590 13805
1830-1855	5960 7485 9590 11840
1930-1955	7485 9590 9960
2030-2055	7540 7570 9960
2130-2155	7570
2230-2255	7405 7570
2330-2355	7405 7465 7560 7570

(R. Denmark/DX Antwerp web site)

EGYPT Domestic service is "Arab Republic of Egypt Radio from Cairo" (Arabic: " <i>Idha'at Jumhuriyat Misr al-Arabiyah min al-Qahirah</i> "). Entire SW sked:		2115-2245	English	9900		
0030-0430	Arabic	9900		2215-2330	Portuguese	15420
0045-0200	Spanish	11715 9740 9475		2300-0030	English	9900
0200-0330	English	9475		2345-0045	Arabic	17770 15220
0200-0350	Arabic DS	12050		VOTA=Voice of the Arabs (BBCM)		
0300-0600	Arabic-VOTA	15285 9850		ETHIOPIA Radio Ethiopia's National Service operates on shortwave:		
0350-0700	Arabic DS	12050 9800 9770 9620		0300-2000	Multilingual	9705v 7110 5990 Mo-Sa
0600-1400	Arabic-VOTA	15285 11980		News in English is broadcast from 1030-1045 Mo-Fr. The Voice of Peace broadcast at 1100 is a separate, UNICEF-funded, humanitarian service inaugurated on 11th March 1993 and intended for Somalia. The External Service sked:		
0700-1100	Arabic DS	15475 15115 12050 11785 9800		1100-1200	Somali-VOP	11800 9560
1015-1215	Arabic	17745		1200-1300	Somali	9560 7165
1100-1130	Arabic	17800		1300-1400	Afar	9560 7165
1100-1300	Arabic DS	15475 12050 11785 9850 9800		1400-1500	Arabic	9560 7165
1115-1215	Thai	17770		1600-1700	English	9560 7165
1215-1315	Malay	17770		1700-1800	French	9560 7165 9900
1215-1330	English	17595		(BBCM)		
1300-1330	Persian	15160		GEORGIA 4930 <i>Mayak Relay</i> , Dusheti, 0140 with <i>Mayak IS</i> and <i>RS</i> talk by a couple of M announcers, folk-type mx. Fluttery signal. (17-Oct/Novello-NC)		
1300-1400	Arabic DS	17670 15475 12050 11785 9850 9800		4875.5 <i>Georgian R.</i> 0309 Cabaret-style vocals past 0315 with announcements between each selection by woman in presumed Georgian. Fairly strong on this channel as well as // 5041, but both suffer from distorted (and, on 4875.5, hummy) audio. (29-Sep/Hill-MA)		
1300-1600	Arabic	15220		11910 <i>R. Georgia</i> 1808-1901* Thought to be Tbilisi here with pop songs and woman talking; audio constantly fading up and down, but horribly distorted even when at adequate level. Impossible even to guess at language, although it didn't sound like scheduled German. Possibly changed to English at 1835, but that's just a guess based on the cadence. Georgia's SWBC xmtrs, both domestic and external, have fallen on hard times. (4-Oct/Hill-MA)		
1320-1450	Indonesian	17770		GERMANY <i>Deutsche Welle</i> operational schedule W-97:		
1330-1430	Bengali	17595		0000-0100	Russian	5925Sa 6035W 7235T 7285W 9565T 9815P 9865V 12045P
1330-1530	Persian	11560		0000-0200	German	3995W 6075SW 6100NW 7130W 7225T 9545N 9545W 9690K 9765K 11785K 11795A 13780S 15275K
1400-1500	Arabic DS	17670 12050 11785 9850 9800		0100-0150	Bengali	6055T 7285W 7355No 9615T
1400-1800	Arabic-VOTA	15285		0100-0150	English	5960Sk 6040A 6085Sk 6145W 9640S
1500-1600	Hindi	17690				
1500-1600	Pashto	17710				
1500-1900	Arabic DS	17670 12050 9850 9800				
1530-1630	Afar	15155				
1530-1630	Uzbek	9620				
1530-1730	Swahili	11975				
1600-1645	Zulu	11875				
1600-1800	Albanian	9950				
1600-1800	Turkish	6230				
1600-1800	Urdu	17690				
1630-1645	English	11875				
1630-1730	Somali	15155				
1630-1830	English	15255				
1645-1730	Shona	11875				
1730-1815	Ndebele	11875				
1730-1900	Amharic	15155				
1800-1900	Arabic-VOTA	15285 9700				
1800-1900	Italian	9988				
1800-1900	Russian	6120				
1800-2100	Hausa	15210				
1830-1915	Lingala	15255				
1830-1930	Wolof	15375				
1900-0030	Arabic-VOTA	15285 11665 9700				
1900-2000	German	9900				
1900-2400	Arabic DS	12050 9850 9800				
1930-2030	Bambara	15375				
1930-2030	Fulani	17840				
2000-2115	French	9900				
2000-2200	Arabic	11990				
2030-2200	English	15375				
2030-2230	French	15335				
2100-2200	Yoruba	15210				

0200-0250	English	6035W 7265T 7285W 7355Sa 9515W 9615T 9815Sa	1200-1230	Albanian	7255W 9770W
			1200-1300	French	12015S 15370K 15410K 17780W 17800K
0200-0250	Spanish	6045W 9640S 9700A 11795K	1200-1400	German	6075S 6075W 6140N 7315No 7340No 9480No 9545NW 11805S 11865T 12080N 13780W 15135K 15275N 15285A 17765A, 17845W
0200-0300	German	3995W 6075ASW 6100N 6145NW 7130W 7225T 9545N 11785K			
0300-0350	English	6045W 6085Sk 6185Sk 9535S 9640A	1230-1300	Hungarian	6015W 7175W
0300-0400	German	3995W 6075ASW 6100N 6145NW 7130W 9545N 11785K	1230-1300	Japanese	5925I 7225T 9450I 9555T 9620W
0300-0400	KiSwahili	6015K 6065W 7225W 7265K 9565K	1300-1330	Bosnian	6130W 7175W
0400-0450	English	6015K 6065W 7225W 7265K 9565K	1300-1330	Polish	6015J 9700W
0400-0500	Russian	6055W 7145W 7145W	1300-1350	Hausa	15370K 15410K 17780W 17800K
0400-0600	German	3995W 6045Sk 6075ASW 6145W 7195K 7235S 9545N 9735NW	1300-1600	Arabic	9860Kr 12015Kr 12025S 13690N 13690W 15360W 17860W
0500-0515	Portuguese	7265K 9565K 9615W 11785K	1330-1355	Chinese	5895P 7305No 9450No 9585T 11825T 11955W
0500-0550	English	5960B 6100W 6120S 6185A	1330-1400	Pashtu	15525W 17825W
0600-0650	English	6045S 7225N 9565W 11765W 17820T 21705T	1330-1400	Croatian	6130W 7175W 7130S
0600-0650	Turkish	7235W 9750W 11865W	1355-1420	Dari	15525W 17825W
0600-0800	German	3995W 6075SW 6140N 6185A 9545N 9670N 9690A 9735W 11795W 13780W 15275N 17845T	1400-1425	Indonesian	11825T 11865W 15415T
0650-0700	Albanian	6010W 7270W	1400-1430	Macedonian	6130W 7175W 9770W
0700-0730	Hausa	9565W 11810S 13790W 15185W	1400-1450	Amharic	9735K 11810K 15410K 17800W
0730-0745	Serbian	6010W 7190W	1400-1600	German	6075W 6140N 7315Sa 9545N 9595N 9620T 11795W 13780W 13790Sk 15135K 15275N 17715A 17765A
0800-1000	German	6075W 6140N 9545N 9670N 9690A 9735W 11795W 11865W 13780W 15275N 15135K 17845T	1430-1515	Urdu	6170T 7225T 7305No 11865W
0900-0950	English	6160A 7380I 9565K 11715T 12055I 15145Ta 15410K 17800K 17820T 21600W	1430-1530	Serbian	6130W 7175W 9770W
0930-1030	Romanian	9650W 11615W 11905W	1500-1600	KiSwahili	7120K 9735K 11810K 13750W 15145W
1000-1040	Portuguese	9640A 11810A 15205A	1515-1600	Hindi	6170T 7225T 7305No 9585W 11865W
1000-1050	Chinese	5895P 7390No 9450No 15185T 17820W 17895T	1600-1630	Albanian	9870S 11950S 15515S
1000-1050	KiSwahili	9565K 11785K 15410K 17800W 21600W	1600-1650	English	6170T 7120K 7225T 7305No 9585W 9735K 11810K 13750W 15145W
1000-1050	Persian	15145W 15525Sa 17780W	1600-1700	German	6075S 6075W 6140N 7315Sa 7445M 9545N 9830M 11795W 13780W 13790Sk 15135K 17715A 17765A 9620T
1000-1200	German	6075W 6140N 7315No 7340No 9480No 9545NW 11865T 12080N 13780W 15135K 15275N 17845W	1600-2200	Russian	5945Sa(-2000) 5980W 7145W 7145W 9715W 5895I 7395I
1030-1100	Serbian	7255W 9670J 11795N	1630-1700	Romanian	7130N 9870S 11950S 11950S 15515S
1030-1150	Bulgarian	9650W 11615W 11905W	1700-1750	Bulgarian	11950S
1100-1125	Indonesian	11735T 17715W 17825T	1700-1750	Turkish	6130W 7225W 11785T
1100-1130	Spanish	11945A 15205A	1700-1800	Bulgarian	7130N 9805S 11950S 15515S
1100-1150	English	15370K 15410K 17780W 17800K	1700-1800	French	7120K 9640W 9735K 11810K 13750W

1700-1800	German	6075S 6075W 6140N 7315Sa 7445M 9545N 9830M 11795W 13780W 15135K	1900-2000	11665	
					Digital mode tests (<i>Telefunken/Berlin Technical University</i>)
1730-1800	Polish	3995J 7240W	1000-1600	5900	
1800-1830	Croatian	9615S 15515S			<i>Croatian Radio Zagreb</i>
1800-1850	Persian	5935Sa 5965Kr 7175W 9770T 11865T	0000-0159	9505	
1800-1900	German	3995W 6075SW 6140N 7125T 7445M 9545N 9735K 9830M 11795W 17860K	0200-0400	5840 6120	
1800-1900	Hausa	9765N 11785W 11810K 15135K	0700-0800	11730	
1830-1900	Albanian	7130S 9615S 15515S	0800-1000	11730	
1900-1950	English	9640S 9640W 9765N 11785W 11810K 13690T 15135K 15425T	2100-2200	9590	
1900-2000	German	3995W 6075SW 6075W 7125T 7445M 9545N 9735K 9830M 11795W 17860K			<i>Democratic Voice of Burma</i>
2000-2050	English	7285S	1245-1345	11850	
2000-2050	Portuguese	7175K 9670K 11785W 11810T 15105T			<i>Deutsche Welle</i>
2000-2100	Romanian	6000Sa 9615S	1030-1100	Serbian 9670	
2000-2200	German	3995W 6075SW 6075W 7125T 9545N 9735K 11795W 17810A 17860K	1300-1330	Polish 6015	
2100-2150	English	9615K 9670T 9690W 9765W 11785T 11865N 15275K	1730-1800	Polish 3995	
2130-2200	Polish	6040S 7130S			<i>Radio Nederland Wereldomroep</i>
2200-2250	Indonesian	6130T 7235No 9505W 11865T	1125-1325	6045	
2200-2400	German	3995W 5925No 6075SW 6100NW 6170W 7315W 7340No 7375No 9545NW 9690K 9715T 9765K 11785K 11795A 13780S 15275K			<i>Radio Vlaanderen Internationaal</i>
2230-2255	Portuguese	6145W 9640S 9700W 11820N 15105A	1700-1729	7255	
2300-0050	Spanish	6145W 9640S 9700W 11820N 15105A	1700-1759	9505	
2300-2350	English	6045W 6130T 7235T	1900-1929	5960	
			1900-1959	5910	
					<i>Swiss Radio International</i>
			1100-1330	13635	
			1630-1815	5850	
			1830-2030	7410	
					<i>Adventist World Radio</i>
			0400-0459	5840	
			0500-0600	5890	
			0800-0900	7230	
			1630-1700	9835	
			1700-1800	5890	
			1900-2000	5890	
			2000-2200	9835	
					<i>UNL - Universelles Leben - Universal Life</i>
			Würzburg		
			1630-1659	7345	
			1800-1829	11605	
			1830-1859	9490	
			2045-2115	5890	
					<i>Brother Stair</i>
			0100-0259	6170	
			0200-0359	5840 6025	
			0600-0759	9500	
			1600-1759	11985	
			1600-1759	6175	
					<i>Trans World Radio</i>
			1700-1730	Romanian 5840 5840	
					(DX Antwerp web site)

Here are all W97 relays via Jülich site:

Latvian Radio Vilnius

0000-0100 5905

West Coast Radio Ireland

0100-0159 5905

1500-1600 6175

ICELAND New sked for Reykjavik, *Icelandic National Public Radio*:

1215-1440 11402 13860
1855-1930 7735 9275
1410-1440 11402 13860
1935-2010 11402 13860
2300-2335 9275 11402

All programs in Icelandic. (13-Oct/INPR/Padula-AUS/EDXP)

INDIA 4760, *AIR Chennai*, Port Blair, 1102 Sep 29. Tuned in to hear ten minutes of monotone talk by man in language that didn't sound like Hindi, heard past 1138. Station was audible at this time for the next six days, and confirmed W saying "Akashvani Port Blair" seconds before 1130 each day (29-Sep/Novello-NC)

AIR Delhi Radio Ext Sce SW schedule W-97:

0000-0045 Tamil 9910Alg 11740Blr
13795Blr
0000-0045 Tamil 4790Mad 9835Del
0015-0430 Urdu 6155Del 9595Del
0100-0130 Burmese 9950Del 11870Del
0100-0200 Sindhi 5990Alg 7125Del 11790Blr
0100-0430 Urdu 11620Blr
0130-0200 Tibetan 9565Pan 11900Blr
13700Blr
0130-0228 Nepali 6045Del 7250Pan 9550Alg
11715Blr
0215-0300 Pushtu 7225Del 9910Alg 11735Blr
13620Blr
0300-0345 Dari 7225Del 9910Alg 11735Blr
13620Blr
0315-0415 Hindi 11855Pan 15075Blr
0315-0415 Hindi 15075Blr 15180Del
17387Alg
0400-0430 Persian 11730Alg 13620Blr
15050Alg 17785Blr
0415-0430 Gujarati 15075Blr 17387Alg
0430-0530 Arabic 11730Alg 13620Blr
15050Alg 17785Blr
0430-0530 Swahili 15075Blr 17387Alg
0700-0800 Nepali 9595Del 11850Del
0830-1130 Urdu 9595Del 11620Del
0845-0945 Indonesian 15050Alg 17387Del
11735Blr 13700Blr
1000-1100 EE-GOS2 15050Alg 17387Del
11585Alg 13700Blr
15050Alg 17840Blr
1115-1200 Thai 15340Blr 17895Alg
1115-1215 Tamil 13710Blr 15770Alg
1115-1215 Tamil 15075Del 17860Del
1145-1315 Chinese 11840Blr 15050Del
17705Blr
1215-1245 Tellugu 13710Blr 15770Alg
1215-1315 Burmese 11620Del 11710Del
1215-1330 Tibetan 7410Alg 9565Del 11695Blr
1230-1500 Sindhi 6165Del 11585Blr
1300-1500 Sinhala 9700Alg 15020Del
1315-1415 Dari 7140Del 9910Alg

1330-1430 Nepali 4860Del 6045Del 7410Alg
11695Blr
1330-1500 EE-GOS3 9545Del 11620Blr 13710Blr
1415-1530 Pushtu 7140Del 9910Alg
1430-1930 Urdu 4860Del 6045Del
1500-1600 Baluchi 6165Del 11585Blr
1515-1615 Gujarati 11620Blr 15175Blr
1515-1615 Swahili 9950Del 13720Blr
15075Alg
1615-1715 Russian 11620Blr 15140Blr
1615-1730 Hindi 9950Del 13720Blr
15075Alg
1615-1730 Hindi 7410Alg 13770Blr
1615-1730 Persian 7265Del 9910Alg 11585Blr
1730-1945 Arabic 9910Alg 13620Blr
1745-1945 EE-GOS4 11935Bom 15075Alg
7410Blr 9950Del 11620Blr
9650Alg 13780Blr
1945-2030 French 9910Alg 13620Blr
13780Blr
1945-2045 Hindi 7410Blr 9950Del 11620Blr
2045-2230 EE-GOS5 7150Del 9910Alg 11620Blr
11715Alg 7410Blr 9650Alg
9950Del 11620Blr
2245-0045 EE-GOS1 7410Blr 9950Del 11620Blr
9705Alg 11620Blr
2300-2400 Hindi 9910Alg 11740Blr
13795Blr

Alg-Aligarh
Blr-Bangalore
Bom-Bombay
Del-Delhi
Gor-Gorakhpur
Guw-Guwahati
Mad-Madras
Pan-Panaji(Goa) (2-Oct/Dasgupta-IND/DX Antwerp web site)

INDONESIA 3264.67 *RRI Gorontalo* (t) tentative at 1115 program of non-stop pop-music, mostly melodic W vocals. Faded away by 1150. (22-Oct/Novello-NC)

3324.9 *RRI Palangkaraya*. 1102 Local news. 1110 "Berita Keluarga." ID was heard at 1110 as "Radio Republik Indonesia Palangkaraya." Fair. (12-Oct/Yamada-JPN/Jembatan DX)

3345.0 *RRI Ternate*. 1350 local pops. 1359 IS then announcement by M as "Radio Republik Indonesia Ternate dengan Sari Berita" and followed to local news. 1411 ID by M then local pops. Fair. (4-Oct/Yamada-JPN/Jembatan DX)

3905.0 *RRI Merauke*. 0918 local pops and W talks. 0957 ID by W as "Inilah Radio Republik Indonesia Merauke," then IS. Local news at 1000 but not confirmed news title. Carrier dropped at 1002, but heard again at 1008. Fair signal. (5-Oct/Yamada-JPN/Jembatan DX)

3976.1 **RRI Pontianak**. Jakarta news relay at 1503. ID by M at 1515 as "...kami Radio Republik Indonesia Pontianak, Program Regional, gelombang..." then local pops. Fair signal. On the same frequency RRI Surabaya is listed, but I have not found this for several years. Generally RRI Surabaya is thought as inactive. (5-Oct/Yamada-JPN/Jembatan DX)

4789.12 **RRI Fak-Fak** (p), 1140 Indopops with rock and country flavors, introduced by M DJ, audio heavy on the low end. Held on well for 15 minutes, then vanished 1156. (13-Oct/Novello-NC)

4927.0 **RRI Jambi**. 1525 Kroncong music. "Musik Tradisional" at 1530. ID by M at 1547 as "Radio Republik Indonesia Jambi," then dangdut music. Fair. (5-Oct/Yamada-JPN/Jembatan DX)

7173.2 **RRI Serui**. Reading of Holy Koran at 0904 and followed to Islamic talk by M and W. ID was heard as "Inilah Radio Republik Indonesia Stasiun Serui" and signed off at 0908. Poor. Usually the station switches to 4606kHz at this time, but 4606kHz was not heard after this time. Also RRI Biak on 6153kHz was not picked up today. (5-Oct/Yamada-JPN/Jembatan DX)

9552.3 **RRI Ujung Pandang** noted at 0824—most likely this one with vocal by woman, then ukelele music that could have been "Love Ambon" and off at 0831. Extremely weak even with superb 31-meter propagation to South East Asia this morning. S/off time fits recent reports from Asian and Pacific DXers. (10-Oct/Hill-MA/EDXP/Padula-AUS)

9565.0 **RRI Jakarta**, Bonto Sunggu. Relay of sports event at Senayan Stadium, Jakarta at 1134. This program was relayed by RRI Manado (3214.8kHz) but other RRI station was not relayed. RRI Jakarta Programa Nasional Dua on 15150.0kHz was not relayed this. (12-Oct/Yamada-JPN/Jembatan DX)

RRI Fak Fak switched its frequency from 7231kHz to 4789.1kHz in the local evening broadcast. (Yamada-JPN/Jembatan DX)

RRI changes, noted 13-Oct: 11750//9680 joins Prgr Satu on 15150 around 1100 to s.off at 1300 UTC. 15150 heard strong at 0900 on its own, no //s noted. New is Prgr Dua on 11755 from t/in 0900 blasting thru // 9630 going past 1500. This appears either a tuning error for 11785. Note that 11755 and 11750 both operating at the same time 1100-1300 causing some spill over to each other. (Goonetilleke-SRI/UADX/DSWCI DX Window/Yamada-JPN/Jembatan DX)

The local evening program of **RRI Serui** on 4606.3kHz was reactivated after short absence. First noted on Oct 13. (Yamada-JPN/Jembatan DX)

IRAN Voice of the Islamic Republic of Iran sked as of September:

0030-0125	English	6050 9022 9685
0030-0130	Bengali	9575
0030-0330	Arabic	9685
0130-0330	Spanish	6015 6175
0130-1330	Persian	15365 15084
0330-0427	Swahili	13605 11750
0330-0730	Arabic	7130 11910 15350
0430-0530	Turkish	9540 11790
0530-0627	Bosnian	15230 13610 9625
0530-0627	Spanish	11790 15260
0545-0620	Hausa	11720
0630-0725	Italian	9022 13605 15084
0630-0730	French	11790 15260 15315
0930-0957	Armenian	9615 11705
0930-1530	Arabic	11745
1100-1230	English	15260 11875 11830 9585
1200-1255	Italian	13605 15084 15350
1230-1330	Pashto	15260 11875 11830 9585
1230-1400	Azeri	9735
1330-1430	Chinese	6050 7215
1330-1430	Malay	15330 15260 11885 11750
		7180/7160 6050
1330-1430	Urdu	15260 11875 11830 9585
1330-1700	Arabic	9650 11995
1330-2000	Persian	6020
1400-1500	Russian	11930 9735
1430-1525	Bengali	11790 13605 7214
1500-1526	Kazakh	9585 7160
1530-1625	Russian	7260 9022
1530-1630	English	7215 11790 13605
1630-1725	Uzbek	7215
1630-1727	Armenian	9615 11720
1630-1730	Persian	7230
1630-1730	Turkish	9735
1630-2030	Persian	6005
1700-1727	Swahili	7160 9685 (old time?)
1700-2130	Arabic	7190 9660
1700-2230	Arabic	6025
1730-1827	German	7160 7260 9022
1730-1827	Swahili	9650
1730-1830	Bosnian	9615 7140 7340 //9720?
1730-1830	Russian	7115 7290
1830-1900	Albanian	9615 7140 7340 //9720?
1830-1927	French	7260 7160 9022
1900-1927	Italian	9615 7140 7340
1930-2030	English	9022 7260 7160
1930-2030	Persian	7130
1930-2030	Russian	7175 7290 7305 9745
1945-2015	Hausa	11720 9605
2130-2225	Bosnian	7170 7145 7125
2130-2225	English	6175 6165
2230-2325	French	6030 7260 9022
2330-0025	Chinese	7215

(Irkutsk DX Club)

IRAQ 9114.7v *Rep. of Iraq R.* 1742-1922v* Another bizarre freq choice for Baghdad observed with what seemed anti-Saudi rhetoric as well as typical Middle Eastern vocals; not there next day. Had been

first noted Sept. 30 on 9115.7 at 1838-1859* and again Oct. 1 on the same reading at 1825. Also faintly audible on // 9715 well under DW Russian; nothing on 11292v or 11787v any of these days when checked. Audio always too low to catch a spoken ID. (3-Oct/Hill-MA)

ISRAEL *Kol Israel* tentative W97:

0400-0630	Arabic	9815
0400-0655	Reshet Bet	9390
0400-2230	Arabic	5915
0500-0515	English	7465 9435 17545
0600-0615	French	7465 9435
0630-1130	Arabic	15480
0700-1455	Reshet Bet	17545
0700-1555	Reshet Bet	15615
0800-0900	Reshet Bet	11585 13755 17540 Sat
1000-1200	Reshet Bet	11585 13755 17540 Sun-Fri
1100-1130	French	15640
1130-1135	English	15640
1300-1315	Bukharian	11605 11695
1300-2230	Arabic	9815 15480
1315-1330	Georgian	11605 11695
1500-1530	English	12080
1500-1600	Persian	7465 9435 11605 Fr-Sa
1500-1625	Persian	7465 9435 11605 Su-Th
1500-1655	Reshet Bet	11590
1500-2200	Reshet Bet	9390
1600-0655	Reshet Bet	7495
1600-1625	Judeo-Tat	9435 11695 Fr
1600-1625	Reshet Gimel	7465 9435 11605 Sa
1630-1645	French	7465 9435 11605
1645-1700	English	7465 9435 11605
1700-1730	Yiddish	7395 7465 9365 9435 11585
1700-1845	Reshet Bet	7395 (296 deg)
1725-1735	Spanish	7395
1730-1745	Romanian	7465 9365 9435 11585
1735-1745	Maghribi	7395
1745-1800	Hungarian	7465 9365 9435 11585
1745-1800	Ladino	7395
1800-1830	Yiddish	9365 11585
1830-1955	Russian	7465 9435
1900-2100	Reshet Bet	11585
2000-2025	English	7465 9365 9435 15640
2030-2050	French	7465 9365 15640
2030-2215	Reshet Bet	15640 (245 deg)
2050-2100	Spanish	7465 9365 9435 15640

(Rosenzweig/rec.radio.shortwave)

JORDAN Winter time is back as of Sept 28, and English from *R. Jordan* has shifted to 1100-1730, one hour later, on 11690 (Southwell-UK/WOR/Hauser) [Not sure if Arabic programs time-shifted: here was the latest pre-shift sked from them]:

0000-0100	Arabic	6105 11935 15435
0300-0500	Arabic	9630 11810 15435
0500-0800	Arabic	11810 11835 15435

0800-1000	Arabic	11810
1000-1200	Arabic	11810 15355
1000-1630	English	11690
1200-1400	Arabic	11810 13630
1400-1500	Arabic	13630
1500-1530	Arabic	6105 7155 13630
1530-1600	Arabic	6105 7155
1600-2100	Arabic	6105 7155 9830
2100-2400	Arabic	6105 11935 15345

(12-Oct/Sharp/DXW/EDXP/Padula-AUS)

KIRIBATI "It's true that the SW service was originally set up as a feeder to Kiritimati (a.k.a. Christmas Island) when a MW transmitter was set up there. That MW transmitter operated on 1115, later co-channel with the main MW transmitter on 846. However, the Kiritimati transmitter broke down, and it was decided that since some of the inhabitants had SW transmitters, the "feeder" would be kept on the air as a de facto broadcasting service. For that reason, it ceased to be a feeder because there was nothing for it to feed! If the MW transmitter, or some other transmitter, has subsequently come back on the air, nobody has told us—and since it would probably be on the same freq as the main one, DXers would not be aware of its existence." (12-Oct/Sennitt-WRTH/DXW/EDXP/Padula-AUS)

LIBERIA This letter to Jerrg Berg came from *Star Radio*: "Dear Jerry Berg, Thanks for your reception report sent to STAR radio. STAR radio is a USAID funded independent radio station serving Liberians in Liberia and the surrounding territories. It is managed by the Swiss based NGO Fondation Hirondelle. We broadcast in English, Liberian English, French and 14 local Liberian languages. We are broadcasting on a Collins short wave transmitter from just outside Monrovia. The rated output is 10KW but the signal is nearer 4KW. We use a tuned antenna which is designed to serve the region only. In common with other short wave transmissions the signal bounces off the ionosphere, back to earth again and therefore it's not surprising that you picked it up—however imperfectly—in Lexington.

We are presently testing our short wave transmitter which has been recently installed. We are transmitting on 5.88 Mhz from 0500 to 0800 and 3.40 Mhz from 1700 to 2000. We shall reverse these frequencies from next Sunday, 19 October. We have been transmitting on stereo FM 104 from 15 July and our signal reaches well beyond the city of Monrovia as the surrounding land is mostly flat. Sincerely, George Bennett, Chief of STAR Radio."-- So: Right now they are closer to 4 kw than 10, and effective Sunday, Oct 19, 3400 kHz will be used at 0500-0800, 5880 kHz at 1700-2000. Fax number: 231/227360 Email address: libe@atge.auto-mail.com (Berg/NU/DSWCI DX Window/Krone-DEN) Noted *0500 w/NA and anmt: "Good morning, it's Saturday, October 11, 1997. Star Radio commences

another day's transmission from Monrovia. Star Radio broadcasts on the frequencies of 104 FM and 5.880 MegaHertz on the shortwave band. This frequency will be in use from now until 8 o'clock this morning." (Rausch-NJ)

LITHUANIA Radio Vilnius:

0000-0030	Lithuanian	5910-(via Germany)
0030-0100	English	5910-(via Germany)
0800-0830	Lithuanian	9710
0830-0900	English	9710

(BBCM)

MADAGASCAR Add to *Radio Malagasy* sked from last month's LN:

1900-2100 5010 3140 Sa

(BBCM) In the third week of September, Radio Netherlands Madagascar relay station celebrated its 25th anniversary of continuous operation. Part of the celebrations included the presentation of a 30-kW shortwave transmitter for use by Madagascar's domestic radio service, to be used on 3140 kHz. (2-Oct/RN Media Network/BBCM)

MALI [non] An English schedule from *CRI* dated May 5, has just been received with the former Mali relay frequencies 9710 and 11715 marked out at 0000 and 0300; and the same for E&S Africa at 1600 with 15130 and 15110 replaced by 9565, 9620; 2000 and 2100 11715 and 15110 replaced by 9535, 7180, but we suspect the new ones are Urumchi rather than Mali (Lytle/WOR/Hauser)

MEXICO XERTA is still testing on 4800. Once complete, unless plans change, the next frequency would be 15120 (Hector Garcia B.-MEX/RIB/Hauser)

MONACO TWR Monte Carlo for W97: English:

0745-0755	English	9755 Sa/Su
0755-0920	English	9755
0755-0935	English	9755 Sa/Su
0755-0950	English	6230 7160 Su
0930-0945	German	6230 7160
0930-1015	German	6230 7160 Su
1415-1430	German	6230 7160 Sa
1430-1500	German	6230 7160

(5-Oct/van Oudheusden/Nieuwenhuis/BDXC-bulletin/DX-Hotline/EDXP/Padula-AUS)

MONGOLIA Voice of Mongolia W97 schedule:

0830-0900	Russian	12085
0900-0930	Japanese	12085
0930-1000	Mongolian	12085
1000-1030	Chinese	12085
1030-1100	Japanese	12085
1100-1130	Mongolian	12085
1130-1200	Chinese	12085
1200-1230	English	12085

1300-1330	Russian	12085
1345-1415	Japanese	12085
1430-1500	Chinese	9720 12085
1500-1530	English	9720 12085
1900-1930	Russian	9720 12085
1930-2000	English	9720 12085

(Holst/DX Antwerp web site)

"We supplied a 2 kW shortwave transmitter to Mongolia to be installed near Saynshand in the Dornogobi desert. This shortwave transmitter is at the moment on its way to Saynshand where it will arrive around October 13, 1997. Once there, it will probably take a week or two for installation so that the transmitter is expected to be ready to go on the air by the end of October. The radio station is part of a general aid program for the shepherds in the region sponsored by the Danish Government and will likely broadcast news, weather information and educational programs to the people living in this mountainous region. We would be very pleased if you could monitor this station which will broadcast on 4790 and report back to us about reception conditions. We selected you because we believe you are living not too distant from the transmitter location to be able to hear the station, although it is of course a low power station. Many thanks in advance." (Letter to Ludo Maes-BEL from transmitter provider/Pashkevich-RUS/EDXP/Padula-AUS)

MOZAMBIQUE 3279, *Emissao Provincial de Sofala*; Beira, 0305-0312, M in vernacular reading news and mentioning "Provincial de Sofala" in newscontext or as ID. Also mentioned were Beira and Maputo. On top of this "Radio Mozambique, Beira" was noted twice and added to this excess the Province of Manica was mentioned too. Excess signal-dip at 0312, in fact it was virtually gone, except for some vague sounds. At 0320 music was heard, faintly. (11-Oct/Pijpers/DSWCI DX Window/Krone-DEN)

9168, *R. Maputo*; Maputo, 1100-1115, Portuguese. M announcer with ID. Regional, African political and economic news items. Suddenly off at 1110. (10-Oct/Clemitsen/DSWCI DX Window/Krone-DEN)

9637, *Delegacao de Beira*; Beira, 1115-1130, Swahili. Male with ID and Newscast, followed by traditional music. program not//with 9168 kHz. (10-Oct/Clemitsen/DSWCI DX Window/Krone-DEN)

NETHERLANDS A request for listener feedback on the internet newsgroup rec.radio.shortwave would indicate that *Radio Netherlands* is contemplating an overhaul of its popular "Media Network" program. According to Jonathan Marks, "Since the distribution of the program is moving onto other domestic radio networks besides Radio Netherlands' own short-wave transmitters, there have been recent calls from clients and some listeners to broaden the themes in the program. This would mean more

features about the Internet and TV with correspondingly much less in the way of short-wave specific items. The propagation review, certain station profiles and our in-depth receiver reviews would disappear from the on-air version of the program." [Well, with all due respect, Jonathan, I don't see the advantage in taking a program that's essential listening within a narrowly-target audience and turning it into a touch-all-the-bases magazine that's essential listening to nobody. In this regard, Radio Netherlands should examine what became of "Sweden Calling DX'ers" when that show pushed shortwave news aside in favor of items about satellites and domestic telephone networks.-AJ]

NIGERIA 6049.94 *FRCN Ibadan*, presumed the one at 2020 with talk in African language by M and W. Wiped out by BBC Limassol IS on 6050 at 2027. (30-Sep/Novello-NC)

NORTHERN MARIANAS ISLANDS KHBI

Saipan, from 28-Oct:

0000-0100	15665
0800-0900	15665
0900-1000	9355 13840
1000-1100	15725 9355
1100-1200	9355 9385
1200-1400	9355 9385
1400-1500	9355
1800-2000	9355 9385
2000-2100	13840

(6-Oct/Evans-WSHB)

NORWAY *Uke Senderen*, Trondheim, 7215.00, 0718 pop music, two W Norwegian speakers, mentioning UKE, fair at best (10-Oct/Schaay-HOL)

PAPUA NEW GUINEA 3315 *R. Manus*, Lorengau 1130 intro to program of twangy country-sounding mx mentioning "program number 13 bilong 97." Signoff talk by W mentioning 3315 kHz, then short vocal anthem followed by bird chirps and off at 1200. (27-Sep/Novello-NC)

4890 *NBC* Port Moresby, 1200 Happened to be listening when M read this advisory: "As we have announced, as of this week, NBC News Service is being scaled down due to financial constraints. It is unable to operate at full capacity because of continued transport and communication problems. Hourly news has been cut, together with with the ten past twelve current issues (?), and sports and documenting and the future programs (?). The Service will continue on maintaining...major news bulletins at 7am, 12 midday and 7pm" This was at 10pm PNG time; program of pop music resumed after the announcement. (22-Oct/Novello-NC)

9675 *NBC(p)* 0803 news bulletin in English, 0805 W, light music, 0827* off (13-Oct/Schaay-HOL)

Another two provincial radio stations will close down this week due to financial problems, pushing the troubled National Broadcasting Corporation [NBC] further into turmoil. *Radio West New Britain* is reported to have wound up its services last night, while *Radio North Solomons*, based in Buka [island north of Bougainville, seat of the local administration] was reported by the NBC's regional office in Vanadidir, East New Britain, to be preparing its last broadcast for tonight [2nd October] before closing down tomorrow.

Only *Radio East New Britain* and *Radio Manus* are continuing to operate due to sound financial help from their provincial governments. *Radio New Ireland* closed down about two months ago after running out of money and no attempts have been made to reopen it. ('Papua New Guinea Post-Courier' web site, Port Moresby, 2 Oct via BBCM/DSWCI DX Window/Krone-DEN)

PERU 4750.05 *R. San Francisco Solano* (t), Sodor, Piura, 0140 Andean flute and guitar hoedown with group vocals, unstable carrier but not wandering—just staying right on 4750.05 place and vibrating slightly. M DJ with intelligibility just out of reach, and mixing with SS language voice utility transmission. Yanked power without ceremony after a song at 0159. (7-Oct/Novello-NC)

5019.91 *R. Horizonte*, Chachapoyas, Amazonas, 1115 with high Andean guitar plucking, one featuring "chipmunk" vocals. Female announcer, plenty of echo-laden canned announcements by M including "Radio Horizonte" timecheck drops. Separable from 5020.00 carrier. (15-Oct/Novello-NC)

5677.10 *R. Frecuencia San Ignacio*; Cajamarca, 0130 Andean polka-beat stuff with some amusing W vocals, W DJ with comunicados 0138. Steady signal and quite readable. Anthem and off 0154*. (28-Sep/Novello-NC)

6087.9 *R. Chaski* still here, 0049, with sermon in Quechua. In addition to previous QRM, now also Vatican R., in Spanish, s/on 0100, on 6090. (9-Oct/Klemetz-COL/Dateline Bogota)

6095 *Radio Nacional del Peru*, Lima, with musical Program, ID, 0401-0425 "Radio Nacional del Peru, tres frecuencias para una cobertura total, frecuencia Modulada estereo, Onda Media, Onda Corta Internacional y en el Panamsat para todo el mundo, esta es la senal Roja y Blanca de Nacional del Peru" program "Melodias y Canciones Romanticas" time check "once y veintidos minutos de la noche" (18-Oct/Eramo/EDXP/Padula-AUS)

6811.32 *Radio Ondas del Rio Mayo*, Nueva Cajamarca; 1100-1110 f on 18/10/97. hu ayno and M tlc. 18-Oct/Nozaki-JPN/Relampago DX)

PHILIPPINES FEBC Manila W97 schedule:

0100-0300	English	15450
0115-0130	Burmese Tribal	15465
0130-0145	Kuki	15465 Sa/Su
0130-0145	Meitei	15465 Mo-Fr
0145-0200	AoNaga	15465 Sa-Su
0200-0215	Zoukam	15465 Sa
0500-0900	Mandarin	15450
0800-1030	Jav/Indonesian	12005
0900-1600	Mandarin	9405
0915-0945	Ogan	15095
0930-1100	English	11635
0945-1015	Batak	15095
1000-1030	Amoy	9475
1015-1045	Malay	15095
1030-1045	Mien	11610
1030-1100	Swatow	9475
1045-1100	Khmu	11610
1045-1115	Acehnese	15095
1100-1130	Hmong	11610
1100-1230	Cantonese	9475
1115-1200	Vietnam Tribal	9795
1130-1145	Mon	15095
1130-1200	Lao	11610
1145-1230	Burmese Tribal	15095
1200-1300	Khmer	11610
1200-1300	Vietnamese	9795
1230-1345	Burmese	15095
1230-1600	Mandarin	9475
1300-1330	Vietnam Tribal	9795
1330-1345	Burmese Tribal	9795
1345-1400	Mien	9795
1345-1430	Burmese Tribal	15095
1400-1600	English	11995
2200-2400	Mandarin	9405
2230-2300	Lao	9875
2230-2315	Khmer	9495
2230-2330	Indonesian	9780
2300-2315	Akha	11650 Sa/Su
2300-2330	Hmong	9875
2315-2330	Lahu	11650
2315-2415	Vietnamese	9495
2330-0115	Burmese	15465
2330-2345	Wa	11650
2345-0030	Shan	15520

(3-Oct/FEBC/Schaay-HOL/DX Antwerp web site)

R. Veritas Asia changes effective Oct 19th: Sinhala 0000-0030 & Tamil 0030-0100 9670 (ex 11820), Hindi 1330-1355 & Bengali 1400-1425 9680 (ex 9555), Zomi-Chin 1530-1555 (Sat/Mon 9525 (ex 9555)). (18-Oct/das Gupta-IND/EDXP/Padula-AUS)

13315U **National Broadcasting Corporation** (Relay), 2314, M Tagalog nx mentioning "Japanese government," "International Red Cross" & various locales in the Philippines; Ads including "Eveready Batteries" & a shampoo "for shiny, black hair." Birthday wishes, Passing reference to "NBC" & later, a partial ID: "_____???" Broadcasting Corporation." M tk til 2330* in mid-sentence. "Radio-Tele-

phone" traffic began on freq 2 minutes later. If I recall correctly, this station was on 13170v/ USB a couple of years ago. It is used to relay a morning news program to Filipino fishermen at sea. In the past, I recall hearing "DZAM" IDs. The WRTH lists DZAM as a station of the National Broadcasting Corporation in Metro-Manila on 1026 MW. The short-wave relay used to be scheduled from 2300-2345, so perhaps they reduced transmission time by 15 minutes. Fair. Also heard on 10/10 from around 2305 UTC. Nothing heard on 11 October (Sunday). (9-Oct/Famularo-JPN)

QATAR 9570.14 **QBS** Doha 1905+ presumed the one with AA/EE program about General DeGaulle's relations with Algeria. Surprised to hear English here. (21-Oct/Novello-NC)

RUSSIA Sakha Republic Radio—Yakutsk

0000-1700	Russian/Yakut	7345 7200 7140 4825
0110-0500	Local programs	
0910-1000	Local programs Sa/Su	
1900-2400	Russian/Yakut	7345 7200 7140 4825
2100-2200	Local programs	
2220-2300	Local programs	

(BBCM)

SOUTH AFRICA Channel Africa for W97:

0300-0325	Swahili	6000
0300-0330	English	5955
0330-0400	French	5955
0400-0430	English	5955
0430-0455	French	9525
0430-0455	Portuguese	3345 5955
0500-0530	English	9675
0530-0555	Portuguese	9675
0600-0630	English	11900
0630-0655	Portuguese	11900
1300-1455	English	9440 15330 17675 Sa/Su
1500-1525	Swahili	11900
1500-1530	English	9440
1530-1555	French	9440
1600-1625	English	5955
1600-1630	Swahili	11900
1630-1655	French	11900
1630-1655	Portuguese	3345 9440
1700-1730	English	15240
1730-1755	Portuguese	15240

Radio Sonder Grense (domestic service)

0000-0430	3320
0430-0700	6000
0700-1600	7185
1600-2400	3320

(Otto/Sentech/DSWCI DX Window/Krone-DEN)

TWR Manzini W97 via Meyerton-AFS relay:

0330-0400	Amharic	7215 Tu/Fr/Sa
0330-0400	Oromo	7215 We/Th
0330-0400	Tigrinya	7215 Su/Mo

0600-0630	English	11730	1510-1555	Malagache	7175
1527-1542	Yao (FEBA)	7265	1525-1540	Lomwe	7315
1542-1557	Sena (FEBA)	7265	1540-1555	Kimwani	7315 Fr/Sa
1600-1630	French	9530 Sa	1540-1555	Portuguese	7315 Th
1600-1630	Kinyarwanda	9530 Fr	1540-1555	Tigrinya	9500 Th/Sa
1600-1630	KiRundi	9530 Su-Th	1600-1630	Chewa	5965 Tu-Su
1630-1700	Borana	9530 Su	1600-1630	Shangaan	4760 Sa
1630-1700	Oromo	9530 Mo-Sa	1600-1630	Tshwa	4760 Su-Th
1640-1655	Somali	9650	1600-1630	Tumbuka	5965 Mo
1657-1713	Juba	9650 We-Fr	1600-1700	Portuguese	4760 Fr
1657-1713	Shuwa	9650 Su-Tu	1600-1830	English	9500
1657-1727	Arabic	9650 Sa	1630-1645	Portuguese	4760 Su-We
1700-1730	Tigrinya	9530	1630-1645	Shangaan	4760 Th/Sa
1730-1800	Amharic	9530	1630-1658	Chewa	5965
1800-1815	Amharic	9530 Mo-Fr	1630-1700	German	3200
1800-1830	Bambara	9600	1700-1800	Swahili	5965
1800-1830	Fulfulde	9510	1730-1745	English	3200 Su-We
1830-1900	Baoule	9600	1730-1745	Pedi	3200 Sa
1830-1900	Hausa	9510	1730-1745	Sotho	3200 Th
1900-1930	French	9600	1730-1745	Tswana	3200 Fr
1900-1930	Yoruba	9510	1745-2015	English	3200
1930-2000	Nupe	9510	1800-1815	Swahili	5965 Fr/Sa
2000-2030	Twi	9510	1800-1830	Ndebele	3240

(TWR Swaziland/Schaay-HOL/DX Antwerp)

SRI LANKA Sri Lanka Broadcasting Corporation (SLBC) sked:

0025-0430	English	15425 9730
0030-0430	Hindi	11905
0630-1030	Hindi	11800
1030-1130	English	17850 11835
1030-1130	Malayalam	11800
1130-1330	Tamil	11800
1230-1600	English	15425 9730
1510-1700	Hindi	11905 Sa/Su
1600-1700	English	15425 9730 Sa/Su
1900-2000	English	5975-(via Skelton) Sa

(BBCM)

SWAZILAND TWR Manzini W97 schedule:

0300-0330	Ndebele	3200
0300-0330	Swahili	6040
0300-0345	Shona	3240
0330-0345	Swahili	6040 Fr
0400-0415	Lomwe	6100
0400-0430	Chewa	6040 Su/Tu/We/Fr/Sa
0400-0430	German	3200 4775
0400-0430	Tumbuka	6040 Mo/Th
0430-0500	Chewa	6040
0430-0500	English	3200 4775 6100
0500-0505	English	4775 6100
0505-0605	English	4775 6100 9500
0605-0700	English	4775 6100 9500 9650
0700-0735	English	6100 9500 9650
0735-0805	English	6100 9500 9650 Fr/Sa
1400-1415	Urdu	15310
1435-1440	Portuguese	7315 12345
1440-1510	French	7175
1440-1510	Portuguese	7315
1510-1525	Makua	7315

1510-1555	Malagache	7175
1525-1540	Lomwe	7315
1540-1555	Kimwani	7315 Fr/Sa
1540-1555	Portuguese	7315 Th
1540-1555	Tigrinya	9500 Th/Sa
1600-1630	Chewa	5965 Tu-Su
1600-1630	Shangaan	4760 Sa
1600-1630	Tshwa	4760 Su-Th
1600-1630	Tumbuka	5965 Mo
1600-1700	Portuguese	4760 Fr
1600-1830	English	9500
1630-1645	Portuguese	4760 Su-We
1630-1645	Shangaan	4760 Th/Sa
1630-1658	Chewa	5965
1630-1700	German	3200
1700-1800	Swahili	5965
1730-1745	English	3200 Su-We
1730-1745	Pedi	3200 Sa
1730-1745	Sotho	3200 Th
1730-1745	Tswana	3200 Fr
1745-2015	English	3200
1800-1815	Swahili	5965 Fr/Sa
1800-1830	Ndebele	3240
1830-1900	Shona	3240
1845-1900	Umbundu	6130
1900-1915	KiKongo	6130 Tu-Th
1900-1915	Lunyaneka	6130 Fr
1900-1915	Ndau	3240
1900-1915	Portuguese	6130 Su/Mo
1900-1930	Lingala	9525
1900-1930	Portuguese	6130 Sa
1915-1930	Luchazi	6130 Sa
1915-1945	Portuguese	6130 Su-Th
1930-1945	Chokwe	6130 Sa-Su
1930-2000	French	9525
1945-2000	Kimbundu	6130
2000-2005	Portuguese	6130 Su-Th
2000-2015	French	9525 Fr/Sa

(TWR Swaziland/Schaay-HOL/DX Antwerp)

SYRIA Radio Damascus, from recent monitoring:

1700-1800	Russian	13610
1805-1905	German	13610
1905-2005	French	13610 12085
2005-2105	English	13610 12085
2105-2205	English	13610 12085
2215-2315	Arabic	13610 12085
2315-0030	Spanish	13610 12085

(BBCM)

TURKEY TRT Ankara W97:

0000-0500	Turkish	5980 6120 9445 9460 15385
0400-0500	English	7300 9685 17705
0500-0800	Turkish	9445 9460 9565 11955 15145 15385 17775 21715
0800-1000	Turkish	9460 9565 11955 15145 15385 21715
0830-0930	Azerbaijani	11835 15130

0930-1030	Persian	11795 13770
1000-1100	Turkish	9460 11955 15350 15415
1000-1200	Arabic	13710 15200
1030-1130	Rumanian	9630
1030-1130	Serbo-Croatian	9505
1100-1300	Turkish	9460 11910(Fri) 11955 15350 15415
1130-1230	Greek	7150 9445
1200-1300	Chinese	11760 13710
1230-1330	Albanian	9670
1230-1330	Bulgarian	7110
1300-1400	Urdu	11900
1300-1600	Turkish	9460 9560 11910(Fri) 11955 15350
1330-1430	English	9630 15290
1400-1500	Persian	9710
1400-1500	Russian	9675
1430-1530	German	11800
1500-1600	Azerbaijani	6050
1500-1700	Arabic	6120 7265
1530-1630	Greek	6145
1600-1700	Turkish	5980 9460 9560 11955 15350
1630-1730	Hungarian	7240
1700-1800	Bulgarian	5960
1700-2200	Turkish	6120 7110 9460 9560 15385
1730-1800	Macedonian	5970
1800-1900	Russian	6135
1830-1930	German	5970 6035U
1900-2000	Bosnian	5990
1930-2030	English	5960U 6110
2030-2130	French	7150U 7245 7255
2130-2230	English	7200
2200-2300	Turkish	6120 7110 9445 9460 9560 15385
2300-2400	English	6135 9655
2300-2400	Turkish	5980 6120 9445 9460 15385

(Schaay-HOL/DX Antwerp web site)

UKRAINE 11720 Kazak Radio via Kiyev 1355 Nice assortment of solo guitar music and exotic light vocals before 1400 IS. ID incorporating "Kazak...Radio," then back into same type of music. Music took on a religious flavor 1420 with call-to-prayer type invocations. 1430 different IS, W ID beginning "Al-mata..." and into discussion program with many ments of Kazakstan. Local pop mx 1440. (20-Oct/Novello-NC)

UNITED ARAB EMIRATES Here is a current English schedule of *UAE Radio* from Dubai:

0329-0350	12005*	13675 15400 21485 (11945)
0529-0548	15435	17830 21700
1029-1050	13675	15395 21605 (17825)
1600-1638	13630*	13675 15395 21605* (11795, 17825)

* = unannounced frequencies (announced—but not

in use—frequencies between brackets) (1-Oct/Timofeyev/NERRS Monitoring/DXW/EDXP/Padula-AUS)

USA KNLS—The New Life Station schedule, effective 28th September 1997 -29th March 1998:

0800-0900	English	6150
0900-1000	Russian	6150
1000-1100	Chinese	7365
1100-1200	Russian	6150
1200-1300	Chinese	7365
1300-1400	English	7365
1400-1700	Chinese	7355
1700-1800	Russian	7355

(BBCM)

WEWN effective 26 Oct:

0000-0500	Spanish	7425
0000-1000	English	5825
1000-1200	English	5825 7465
1000-1300	Spanish	7425
1200-1400	English	5825 15745
1300-2300	Spanish	15375
1400-1600	English	5825 9455 11875 15745
1600-1800	English	5825 11875 13615 15745
1800-2200	English	5825 11875 13615 17695
2200-2400	English	5825 13615
2300-2400	Spanish	7425

(WEWN/Padula-AUS/EDXP)

Dave Frantz on **WGTG** announced that their second transmitter would begin testing in a few weeks. I understand he plans to use more tropical-band frequencies near to WWCR. He's looking for new customers and offers low, low rates (7-Oct/Hauser-OK)

WHRI effective 26 Oct:

0000-1000	7315
1000-1300	6040 9495
1300-1500	6040 15105
1500-1700	13760 15105
1700-2100	9495 13760
2100-2400	5745 9495

(KHBI/Padula-AUS/EDXP)

WSHB Cypress Creek, SC, from 28-Oct:

0000-0100	9430 7535
0100-0200	7535 9430
0200-0400	5850 7535
0400-0500	7535 9835
0500-0600	7535 7425
0600-0800	7535
0800-0900	7535 9845
0900-1000	7535 7395
1000-1200	6095 7395
1200-1400	6095 9455
1600-1800	18930
1800-1900	13770 18930
1900-2000	13770 17510
2000-2200	7510 9355
2200-2400	7510 13770

WYFR Family Radio schedule W-97:

0000-0100	English	6085 9505*
0000-0100	French	15400
0000-0100	Hindi	11550
0000-0100	Portuguese	11885
0000-0100	Spanish	5985 9715 11895 15170 15215 17845
0100-0200	English	6065* 9505* 11550
0100-0200	Portuguese	9690 11885
0100-0200	Spanish	5985 9605 9715 9985 11895
0200-0300	Spanish	5985 9715 9985 11895
0200-0400	English	6065* 9505*
0300-0400	German	9985
0300-0400	Russian	7435 9355
0300-0500	Spanish	5985 9715 11895
0400-0500	English	6065 9505 9985
0400-0500	German	7355 11550
0400-0500	Portuguese	11580
0400-0500	Russian	5850
0500-0600	English	5985 9985 11550
0500-0600	German	5850 7355
0500-0600	Spanish	9705 11855
0600-0700	English	5985 7355 9985
0600-0700	French	5850 9455 11580
0600-0700	Italian	7520 11550
0700-0800	English	7355 9455 9985
0700-0800	Italian	5850
0800-0900	Portuguese	6175 9605
0800-1000	Spanish	6105 9555
0900-1000	Portuguese	6175 9605 9575 9860
1000-1100	English	5950*
1000-1100	French	9680 11740
1000-1100	Spanish	6085 6105 9555 9575
1100-1200	English	5950* 7355
1100-1200	Spanish	6085 9575 9605 11725 11740 11830
1100-1300	French	13695
1102-1602	Mandarin	6300 9280
1200-1300	English	5950* 7355 11830* 11970*
1200-1300	Spanish	6085 9575 9605 11725 11740
1300-1400	English	5950* 11830* 11970* 13695
1300-1400	Spanish	6085 11725 15130 15355
1400-1500	English	5950* 11830* 17760*
1400-1500	Spanish	15130
1500-1600	English	11830* 17760*
1502-1602	Hindi	11550
1505-1705	Russian	9955
1600-1700	English	11830* 15215 15695 17555 17760* 21525
1700-1800	German	15565
1700-1800	Russian	17760 21725
1700-1900	English	15695 17555
1800-1900	French	17760 21720 21525
1800-1900	Italian	15565
1900-2000	English	17555

1900-2000	German	5825 15565
1900-2000	Portuguese	21525
2000-2100	English	5810 7355 15565 21525
2000-2100	French	5825 11665
2100-2200	English	7355 11580 15565
2100-2200	Italian	5825 11665
2100-2200	Mandarin	6300 9280
2200-2300	English	11580 15565
2200-2300	Portuguese	15130
2200-2300	Spanish	5985 7355
2200-2400	Mandarin	6300 9280 9630
2300-2400	French	6085 15400
2300-2400	Portuguese	11885
2300-2400	Spanish	5985 15170 15215 17845

* = Network programs (Mon-Sat only) (ADDX Kurier/Volk-FRG/DX Antwerp web site)

UZBEKISTAN *Uzbek Radio* 4850, IS 0100, 0130, 0200, series of 6 or 8 notes played on what sounds to me like a xylophone, following identification by M very low in audio. (6-Oct/Sundstrom-NJ)

VIETNAM *Voice of Vietnam* Domestic Service broadcasts four programs ("channels"); channels on the Domestic Service.

Channel 1: 2200-1600 (-1700 Fri) news, current affairs and music. Shortwaves 5925 and 10060 cover northern and central mountain regions.

Channel 2: 2200-1600 economic, cultural, social, literature and art and educational Shortwaves 4960 and 12035 cover northern and central mountain regions.

Channel 3: ethnic minority programs in H'Mong, Khmer, Ede, Giarai and Bana. Only the Hmong program is on shortwave: 2200-2230 on 5035, and on 6165 from 0500-0530, 1200-1230 and 1300-1345.

Channel 4: broadcasts news and music over FM round the clock (3-Oct/Voice of Vietnam web site/Kubiak-FRG/WWDXC)

Re NASWA LN; The reported Vietnamese regional from Quang Tri Broadcasting Service on 5050 may actually be Guangxi Foreign Broadcasting from Nanning, Guangxi, China, transmitting in VT to Vietnam. (See WRTH '97, p. 182, left column). When I first arrived in Japan in 1984, I also reported this as a Vietnamese regional until further checking revealed it to be the aforementioned Chinese. The station uses its own sign-on routine & IS, NOT that of China Radio International. (Famularo-JP)

UNIDENTIFIED 9513.90, 1140 playing subcontinental mx with distorted audio, then short annc't by W, anthem, and off 1145. Pakistan? (21-Oct/Novello-NC)

Pirate Radio Report

Chris Lobdell

P.O. Box 146

Stoneham, MA 02180-0146

Internet: lobdell@fiac.net

It's Europirate Season

Now that the days are getting shorter and the nights longer, it's the time to try for those stations from across the pond.

European pirate stations have two major shortwave bands. The lower band is from 3900-3960 kHz and the upper one is between 6200-6400 kHz.

The lower frequency band is used in the evening, usually on Friday or Saturday nights while the 48 meter band sees most of it's use on Sunday mornings.

Those of us in North America should try the lower band just before local Sunset on Friday and Saturday evenings. One of the stronger signals here in the past has been *Live Wire Radio*. Their station operator, Mr. Bill Lewis is a nice guy and a good QSLer. Others have been heard here as well such as *Laser Hot Hits* and *Radio Free London*. Another frequency used by *Radio Free London* is 5805 kHz. This is sometimes on constantly all weekend.

The 48 meter pirate band will see some activity on Saturday evening with stations such as *Laser Hot Hits* and *Free Radio Service Holland*. Also, be on the lookout for the "quasi-pirate" Irish station, *United Christian Broadcasters* who can be heard around 6200 kHz with religious programming either Saturday or Sunday afternoons. Their address is: UCB, P.O. Box 255, Stoke-On-Trent ST4 8YY, England, UK. They've been heard on the East Coast recently by Massachusetts DXer Ross Comeau around 2030 to past 2230 UTC.

The other window for this band is early Sunday morning between 0700-0900 UTC. During the winter months the later sunrises

allow signals to propagate from Europe to North America. Many of the European stations start their transmissions during this time period. Because signals are low powered, having a nice long wire aimed in the direction of Europe is helpful. Pennsylvania DXer Andy Yoder has had success using a long wire in a quiet location.

Loggings...

LASERHOT HITS, a Europirate was heard on 6220 kHz at 2129-2231 September 28th with oldies from the '50s and '60s. Jingles and IDs were noted at 2146 and 2203 UTC by Jerry Berg in Massachusetts, who says this one is around most every Saturday and Sunday these days.

Chuck Rippel in VA had a tentative log of the Europirate **RADIO ZODIAC** on 6289.94 at 0443 UTC on September 21st. Lots of CW QRM made reception difficult.

TAKE IT EASY RADIO was heard by Bill Wilkins in MO on September 13th from 0235 sign on to 0255 sign off with a good signal on 6955 kHz USB.

TIE was recently heard in Australia by Dave Foster and Dave Martin. The station was heard at 0723 UTC on October 19th on the usual 6955 kHz in USB.

WMFQ, which stands for, "*Where's My F— — QSL!*" [I'll let you fill in the blanks] was noted at 0445 until fade out at 0456 UTC on September 14th Format was that of C&W mx and a Beatles song in German on 6955 kHz USB of course! [Wilkins-MO]

Next month we'll have some Halloween logs and more info on the Weiner radioship, I hope. Until then, Happy Pirate DX! 

QSL Report

Sam Barto
47 Prospect Place
Bristol, CT 06010



We have a great QSL Column this month. Have a very enjoyable DX Season...Sam.

ANGUILLA: Caribbean Beacon 6090 f/d sheet in 84 ds. for \$1.00. (Stewart-MO). 11775 f/d cd. in 107 ds. for \$1.00. v/s Monsell Hazell, Chief Engineer. (Stephens-AL).

ANTARTICA (Argentine): LRA36 Radio Nacional San Gabriel 15476 p/d "Penquin" cd. in 7 mo. for a SP rpt. and ms. v/s Victor Hugo Figueroa. (Maroti-NY). same in 7 mo. for a SP rpt. and a tape (Rausch-NJ). f/d cd. in 180 ds. for a taped rpt. and 2 IRCs. I used pre-addressed computer generated label which I feel has increased my QSL return rate. (Rippel). The ice must of been broken. Hi!

ASCENSION ISLAND: BBC 11835 f/d ltr. for 1 IRC. (Brown-IL). 21490 Radio Japan relay w/ f/d "Fireworks over Kanmon Bridge" cd. in 39 ds. (Humenyk-ONT).

ASIATIC RUSSIA: BBC 11990 via Vladivostok n/d ltr. in 7 wks. w/ schedule. (Barto). Voice of Russia 15595 via Komsomolsk-on-Amur f/d "Kremlin" cd. in 66 ds. (Humenyk). same w/ f/d "Pottery" cd. in 2 mo. (Barto). 15180 via Khabarovsk f/d "Pottery" cd. in 2 mo. (Barto). 15490 via Irkutsk f/d "Flower" cd. in 9 wks. (Barto). 15460 via Chita f/d "Flower" cd. in 9 wks. (Barto). Voice of America 11990 via Novosibirsk f/d "Le Conte Glacier" cd. in 1 mo. (Barto-CT).

VIADIVOSTOK n/d ltr. in 7 wks. w/ schedule. (Barto). **VOICE OF RUSSIA** 15595 via **KOMSOMOLSK-ON-AMUR** f/d "Kremlin" cd. in 66 ds. (Humenyk). same w/ f/d "Pottery" cd. in 2 mo. (Barto). 15180 via **KHABAROVSK** f/d "Pottery" cd. in 2 mo. (Barto). 15490 via **IRKUTSK** f/d "Flower" cd. in 9 wks. (Barto). 15460 via **CHITA** f/d "Flower" cd. in 9 wks. (Barto). **VOICE OF AMERICA** 11990 via **NOVOSIBIRSK** f/d "Le Conte Glacier" cd. in 1 mo. (Barto-CT).

Memory: I too must add to the list of condolences for Mr. Arthur Cushen. I meet him once at a convention and was quite impressed by his knowledge and insight into the hobby. He was a true gentleman and a great asset to the hobby. He will be missed by everyone...Sam.

ALGERIA: Radio Television Algerienne 11715, 15160 and 15205 via Bouchaoui p/d "Archery Movements" cd. w/ schedule in 200 ds. (Humenyk-ONT).

----- QSL Verification -----

Radio Republik Indonesia Merauke
Kepada Yth. Tuan John I. Scurlletta New York

Ini membenarkan laporan tuan dari Radio R.I. Merauke siaran pada gelombang 76.82 meter atau frekwensi 3905 kHz. pada 3 Januari 1991 dari 21.29 sampai 22.00 waktu Indonesia bagian Timur Pamancar kuasa studio kami 10 kw. dengan 1 m laba antena.
Banyak terima kasih untuk laporan tuan.

Kepala Seksi Siaran
[Signature]
Drs. Handkotta S.

NB. Surat menyusul.

Pimpinan atau Kepala Studio

QSL
Certificado de Sintonia
- LA VOZ DEL LLANO -

Sr. Jerry Rinck, U.S.A.:

Muchas gracias por su informacion y recepcion. Tenemos el gusto de confirmar su control de nuestra emision en 6.115.7 kHz. de fecha 8 Octubre, 1995 a las 7:03 PM - 7:35 PM horas de Colombiano tiempo. vatios de potencia: 20 kw.

[Signature]
firma

NOTICIAS DEL LLANO
VOZ DEL LLANO
VOZ DEL LLANO
sello oficial

AUSTRALIA: Radio Australia 17750 via Shepparton f/d "Sunrise" cd. w/ stickers and lea lets in 7 ds. (Brata-Indonesia). Welcome to our new contributor from Indonesia. His full name and address is as follows **Wishnu Brata**, P.O. Box 8235 BJDJ, Bandung, Indonesia. 13755, 15365, 12080 and 9580 f/d "ABC Broadcasting Centre" cd. in 36 ds. w/ schedule and stickers. (Humenyk). cd. in 23 ds. (Walton).

Dear Listener:

Thank you for your reception report and your interest in our transmissions from:

Station

VL8K

Mahendra Vaghjee

Date

22 Aug 1996

Beau Bassin

Time AEST/UTC

1658

Transmitter Location

Katherine.

Mauritius

Frequency (MHz)

2485

Power (kW)

50

Yours Faithfully
Australian Broadcasting Corporation
GPO Box 9994
Sydney NSW 2001

Thanks for your Report
Chris

Indian Ocean.

AUSTRIA: Radio Austria International 9655 via **Moosbrunn** f/d "Franz Schubert" ltr. w/ sticker and schedule in 3½ wks.(Loudell-DE). same cd. in 23 ds. w/ schedule.(Brown-IL).

BELGIUM: Radio Vlaanderen International 9925 and 13785 f/d "Circus" cd. in 73 ds.(Humenyk-ONT). 9925, 11690 and 17655

NOTES: Randy Stewart in Springfield, MO sent in a very nice assortment of QSL illustrations for use in the Column. We will definitely utilize them...**Sam Thomas Millard** in New Caney, TX says that his work takes him all over the world. He has very little time for DXing or organizing his QSLs. He is taking the rest of the year off to DX and work around the house. Hope you like the stamps I sent...**Sam Don Dacus** says that the replies have been few and far between. Hopefully the QSLs will pick up very shortly. **John Scruletta** echoes the comments of **Don Dacus**. My Radio Marumbi QSL was my 17th Brazilian State QSLed. Hope to have more to report next month.

HIGH ADVENTURE MINISTRIES

PO Box 109
Hereford HR4 9XR England

Thank you for your reception report on The Voice of Hope broadcast from Tbilisi, Georgia:

Time: 1855 - 1911 GMT

Date: 3rd May 1997

Frequency: 9310 KHz

We are transmitting with 100 kw from Dusheti (42.03N44.41E)

The Gospel programs of The Voice of Hope are also broadcast from transmitter sites in Lebanon, Palau and California, USA. Reception reports for these stations should be sent directly to them.

Our ministry headquarters are at PO Box 100 Simi Valley, California 93065 USA

For program details, times and frequencies, visit our Internet Web Site at www.highadventure.org

f/d cd. in 40 ds. (Humenyk). 9925 and 17655 f/d "Village Painting" cd. in 127 ds.(Humenyk-ONT).

BENIN: ORTB 5025 via **Parakou** p/d "Map/Coat of Arms" cd. in 24 ds. w/ a FR rpt. and \$1.00. (Stephens-AL).

BONAIRE: Radio Nederland 9590 f/d "Rotating Beam Aerial" cd. in 10 ds. (Brown-IL).

BOTSWANA: VOA 5980 via **Selebe-Phikhe** f/d "Colo-

rado River Rafting" cd. in 32 ds.(Humenyk-ONT).

BRASIL: Swiss Radio International 9905 via **Brasilia** f/d "Federal Archives" cd. in 40 ds. (Brown-IL). **Radio Anhanguera** 11830 f/d ltr. in EG in 84 ds. after a taped f/up rpt. and \$1.00. v/s Eng. Domingos Vicente Tinoco, Technical Manager.(Stephens). **Radio Cancoa Nova** 9675 f/d blue cd. in 109 ds. after a taped f/up rpt. in PT. (Stephens). **Radio Cultura Foz do Iguazu** 6105 ltr. in 38½ mo. v/s Francisco Pires dos Santos. I visited the station in 4/97.(Castro-BRASIL). **Radio Marumbi** 9665 f/d colorful tri-fold brochure w/ handwritten personal ltr. in EG w/ postcard in 26 ds. after a f/up rpt. in PT w/ \$1.00. (Stephens-AL).

CANADA: Radio Korea International

11715 via **Sackville** f/d "Roof-tile" cd. w/ schedule in 2 mo (Barto). **CFRX** 6070 f/d "Map" cd. in 20 ds. (Brown-IL). **NHK** 6120 via **Sackville** f/d "Fireworks" cd. w/ schedule in 28 ds.(Brown-IL).

RADIO CORA DEL PERU

Otorga este Certificado de Similitud
Pedro M. C. de Castro
Brasil

Por escuchados en su zona de residencia
Lima (Perú) 22 de octubre de 1996.

RADIO CORA
Juan Ramirez Lazo
DIRECTOR PROPIETARIO

RADIO SLOVAKIA INTERNATIONAL RISI

CHILE: Radio Esperanza 6090 f/d "Logo" folder cd. w/ n/d ltr. in 32 ds. after a taped rpt. in SP and \$1.00. v/s Rodolfo Campos P., Director.

CHINA, PEOPLES REP OF: (Stephens) 7405 f/d cd. in 23 ds. v/s Shang Chun yan. Also rcvd. 5 cutouts. (Walton). **China Radio International** 7405 several cds. rcvd. w. report forms in 23 ds. (Walton).

CLANDESTINE: Democratic Voice of
* **Burma** 11850 via **Norway** f/d E-mail message in 24 ds. after 2 f/up rpts. v/s Harn Yawngwe, Director. (Stephens). **Radio Free Asia** 7550 n/d ltr. w/ sticker in 20 ds. for a taped rpt. (Stephens)...Has anyone else noted that **RFA** has been slow to reply lately?...Sam.

NOTES: G. Michael Woloch from Outremont, PQ says he got a tip from the DX Ontario magazine regarding the QSL address for the VOA relay at Sao Tome. He is very pleased with the QSL which is his C/V #134. He is presently studying Spanish at McGill University and planning to visit Chile during our winter season. **Mark Mohrmann** in VT says he was just about ready to give up on all of this "QSL silliness" when a few nice ones showed up in the mail. I'm now ready to crank out another couple of dozen follow-up reports.

AIR MAIL PARAVION		SINGAPORE 35c	
TO Mr. Randy Stewart		MR. RANDY STEWART	
CONFIRMS RPTXSD ON		4225 W. LA CASA	
FREQ. 15360kHz		SPRINGFIELD MO 65802-5615	
DATE 4 June 1996		U.S.A.	
TIME 0140 GMT			
RPT. -			
TX/RX Marconi 100kW			
Far East Resident Engineer BBC F.E.R.S. Singapore			
BBC Far Eastern Relay Station, Kranji, Singapore			

COLOMBIA: CARACOL Bogota 5075 p/d "Logo/Globe" cd. w/ 2 stickers in 32 ds. for a SP rpt. and \$1.00.
* (Stephens). **Ondas del Orteguzza** 4975 f/d ltr. w/ info. sheet in 30 ds. after a f/up rpt. in SP w/ \$1.00. v/s Elizabeth David De Santos, Gerente. (Stephens). **La Voz del Guaviare** 6035 p/d cd. in 55 ds. after 2 f/up rpts in SP w/ \$1.00. v/s Luis Fernando Roman R., Director. (Stephens). **HJCJ Colmundo** 6065.1 f/d personal ltr. w/ large station brochure and sticker in 5 wks. for a SP rpt. v/s Jorge Eliecer Hernandez, Gerente Aristizabal, Presidente. (Barto-CT).

Nacional de Programacion and Marcela
COSTA RICA: Radio For Peace International 15050 f/d "10th Anniversary" cd. in 93 ds. for \$1.00. (Brown-IL).

CYPRUS: Cyprus Broadcasting Corporation 9760 f/d "CBC Building" cd. in 40 ds. for a taped rpt. and \$1.00. (Stewart)

ECUADOR: HCJB 9745 f/d "Gauguin" cd. in 18 ds. for ms. (Brown). f/d "Statue" cd. in 18 ds. (Brown). f/d cd. w/ sked. in 6½ wks. for ms. (Ioudell-DE). 9745 and 21455 f/d "Childrens Rights" cd. in 5 wks. w/ schedule (Barto). 15115 f/d cd. in 125 ds. (Humenyk). **Radio Oriental** 4780 f/d cd. w/ n/d ltr. in 134 ds. after 2 f/up rpts. in SP for \$1.00. v/s Luis Enrique Espinosa, Gerente General. (stephens-AL).

EGYPT: Egyptian Radio and Television Union 9900 via **Abis** f/d "Nile" cd. w/ schedule in 6 wks. (Barto). 9850 and 12050 via **Abis** p/d cd. w/ schedule in 3 mo. (Barto). 9800 via **Abu Zaabal** p/d cd. w/ schedule and postcards in 3 mo. (Barto). 11990 via **Abis** f/d cd. in 3 mo. (Barto). **Voice of the Arabs** 11665 and 15285 via **Abu Zaabal** p/d cd. in 3 mo. (Barto). 9700 p/d cd. in 3



RADIO SLOVAKIA INTERNATIONAL

SLOVENSKÝ ROZHLAS



mo. w/ sked. and postcards.
ENGLAND: VOA 7170 (Barto).
 via Woofferton f/d "Colorado River Rafting" cd. in 2 wks.(Brown).
Radio Korea International 11715 via Skelton f/d "Rooftile" cd. in 6 wks.(Barto)
Midwest Radio 11715 via Skelton and 7325
 via Woofferton f/d cd. for special
 St. Patricks Day broadcast.(Rigas-IL).
BBC 12095 via Woofferton n/d
 ltr. in 6 wks.(Barto). 15575 n/d
 ltr. w/ schedule in 7 wks.(Barto).
 9410 and 17640 n/d ltr. in 2 mo. w/
 program guide.(Barto).

EURO PIRATE: Level 48 3920 via Live Wire
 * Radio glossy cd. w/ map and f/d on back
 w/ info. sheet and ltr. in 14 wks. for a taped rpt.(Berg-MA).

EUROPEAN RUSSIA: Voice of Russia 15540 via St. Petersburg f/d cd. in 24
 ds. for an E-mail rpt.(Neal-TX). 15560 via Moscow f/d "Flower" cd.
 in 9 wks.(Barto). 11890 f/d "Country Scene" cd. in 7 wks.(Barto-CT).

FERNANDO POO: Radio Nacional Malabo 6250 f/d "Map" cd. w/ personal note
 * in 47 ds. after 3 f/up rpts. (all taped) and \$1.00. v/s Manuel Chema
 Lobede, Inspector de Services de RTV Guinea Ecuatorial.(Stephens-AL).

FRANCE: Radio France International 11600 f/d "Alliss" cd. in 158 ds.
FRENCH GUIANA: Radio France International 13625 via Montsin- (Brown-IL)
ery f/d cd. w/ sticker and schedule in 6 mo.(Loudell-DE).

GERMANY: Radio Vilnius
 9855 via Julich f/d
 "Blue Logo" cd. in
 5 wks. for \$1.00.
 (Loudell). Deutsche
Welle n/d cd. in 1
 mo.(Humenyk). West
Coast Radio 9875
 via Julich f/d cd.
 of "Mayo Coastline
 in Ireland" in 88
 ds. w/ personal
 ltr. and schedule.
 (Humenyk-ONT).

GREECE: Voice of
Greece 9375, 15125
 and 15630 f/d cd.
 of "Diskobolus -
 Athens" in 110 ds. w/ schedule.(Humenyk). f/d cd. in 21 ds. v/s Pant-

LRA 36

— RADIO NACIONAL —

-ARCANGEL SAN GABRIEL-

via Rauch

QTH
9411

Base ANTARTICA ESPERANZA
TERRITORIO ANTARTICO ARGENTINO
REPUBLICA ARGENTINA

QTH

UBICACION GEOGRAFICA

-Lat 63° 24' Sur
 -Long. 56° 59' Oeste

VERIFICATION SIGNERS: Radio Cultura do Amazonas 4845 Maria Jerusalem Dos Santos. Addr: Rua Barcelona s/n, Praca 14, 69020-200 Manaus, AM. Radiodifusora de Macapa 4915 Eng. Arquit Benedito Rostan Costa Martins. Radio Aparecida 5035 Padre Cesar Moreira. Addr: Av. Getulio Vargas 185, Aparecida, SP 12570-000. Radio Transmudial 11705 Jose E. Dias. Addr: C.P. 18300, Sao Paulo 04699-970. Radio Anhanguera 11830 Eng. Domingos Vicente Tinoso. Addr: C.P. 4104, Goiana 74823-870. Radio Bandeirantes Jorge Seadi. Addr: Rua Deifino Riet 183, Porto Alegre, RS, 90660-120. HRVC 4820 Modesto Paluca, Jefe de Depto. de Trafico. All India Radio - Scinagar 4950 Devendra Singh.....via PLAY DX.

elis Trogadis, Director.(walton). 9420
 same f/d cd. in 5 wks.(loudell-DE).
GUAM: KTRW 11665 f/d cd. in 1 mo.(Mar-
GUATEMALA: TGVC Radio K'ekchi oti)
 4845 f/d large cd. w/ n/d ltr.,
 pennant, business cd. and personal note in
 112 ds. after a f/up rpt. in SP and \$1.00.
 v/s Ancelmo Cue Chub, Gerente.(Stephens).
 f/d cd. w/ personal note and pennant in
 164 ds. for a SP rpt. and 1 IRC.(Neal).
HAWAII: KWHR 9930 f/d "10th Anniversary"
 cd. in 3 mo. for ms.(Loudell-DE).
HOLLAND: Radio Nederlands 11655 via Flevo
 f/d "50th Anniversary" cd. in 1 mo.
 (Stephens). 6165, 9845 and 9590 f/d cd.





DIRECTORATE GENERAL
ALL INDIA RADIO
A.V. Bhawan, Service Bldg.
New Delhi-110001 INDIA

No. 311/97/III/2029 Dated: 10.6.97

Dear Sir/Madam. **बाबत उपर्युक्त संदर्भ**

We gratefully acknowledge and confirm your Reception Report.

Date 27.10.96 Frequency 4950 kHz

Time 12:07 Station SRINAGAR U-7C

Yours faithfully,

(A.K. BHATTACHARJ) Director (Freq. Assignments)

O.I.G.S.



संदर्भ

MR. SAMUEL BARTO

47 PROSPECT PLACE

BRISTOL, CT. 06102

in 23 ds. (Walton).
HONDURAS: HRMI 5890 p/d
"Logo/Antenna" cd. in
14 ds. for an EG rpt.
and \$1.00. v/s Wayne
Davis, Director. (Stephens-AL).

HUNGARY: Radio Budapest
f/d cd. in 1 mo. (Lev-
ison-PA).

IRAN: VOIRI 9550 f/d cd.
of "Khaju Bridge" in
184 ds. w/ schedule &
stickers. (Humenyk).
9022 same f/d cd. in
156 ds. (Brown-IL).

ISRAEL: Kol Israel 15650 f/d "Logo" cd. in 44 ds.
(Humenyk). same in 58 ds. (Humenyk-ONT).

ITALY: RAI 6010 p/d "Nude by Iorano Stoppazzoni" cd. in 135 ds. (Brown).
11760 cd. w/ newsltr. in 33 ds. (Walton). 6110 f/d cd. in 120 ds. for
a taped rpt. (Walton).

JAPAN: Radio Tampa 9595 f/d "Satellite Globe" cd. w/ schedule in 2 wks.
for \$1.00. (Maroti-NY). Radio Japan 9695 f/d "Himeji Castle" cd. w/
newsltr. and schedule in 7 wks. (Barto). 7125 and 9835 f/d "Kanmon
Bridge" cd. w/ schedule in 1 mo. (Barto).

JORDAN: Radio Jordan 11690 cd. w/ sticker and schedule in 90 ds. (Walton)

KOREA, DEMOCRATIC PEOPLES REP. OF: Radio Pyongyang 13760 f/d "Mountain
Top View" cd. w/ pennant, schedule, books, etc. in 114 ds. (Humenyk).

KOREA, REP. OF: Radio Korea International 15575 f/d cd. in 441 ds. after
2 rpts., a fax rpt.
and E-mail rpt. Also
rcvd. schedule and
newsltr. (Mohrmann).
7550 via Kimjae f/d
"Roof tile" cd. in 2
mo. (Barto-CT).



DEPARTEMEN PENERANGAN REPUBLIK INDONESIA
DIREKTORAT JENDERAL RTF
RADIO REPUBLIK INDONESIA
STASIUN REGIONAL TANJUNGPANG

J. Gabot Subroto No. 26 Telp. (072) 52680 - Fax: 52767 Kotak Pos No. 24 Bandar Lampung 35213

KUWAIT: Radio Kuwait 11990 f/d cd. in 118 ds. (Brown) Bandar Lampung, 14 April 1997

LIBYA: Radio Jamahiriya 15415 f/d cd. in 2 mo. via
the Malta addr. for \$1.00 Honor : 4/6 18/IV/1997
(Myers-VA).

LITHUANIA: Universelles Leben
9710.1 via Sitkunai f/d cd.
w/ sticker, calendar, in-
fo sheet and schedule in
1 1/2 mo. v/s Johanna Limley.
(Barto-CT).

MALAGASY REP: Radio Nederlands
9855 f/d large "Map/Logo" cd.
in 45 ds. v/s Rahamefy Eddy,
Technical Dept. (Stephens-AL).

MALI: China Radio International
9690 f/d "Temple" cd. in 91 ds.
(Brown). 11715 via Bamako f/d
"White Pagoda" cd. in 106 ds.
Schedule rcvd. (Humenyk-ONT).

MEXICO: XEOI 6010 Nucleo Radio
* Mil f/d ltr. w/ stickers and
schedule in 38 ds. v/s Zoila
Quintanar Flores. (Stephens).
* XEOK La Hora Exacta 9555 f/d
large certificado de Sintonia
w/ n/d ltr., sticker and a CD
of Latin music in 69 ds. after
5 f/up rpts. in SP for \$1.00.
v/s Lic. Santiago Ibarra Fer-
rer, Gerente. Addr: Grupo IMER,
Mayorazgo No. 83, Col. Xoco.
C.P. 03330, Mexico, D.F. Mexico
(Stephens). XENW 15160 f/d cd.
w/ stickers, pennant and a p/d

Dengan hormat,
Kons sampaikan terimakasih atas surat Anda, yang kami terima tgl:
13 Maret 1997, baru sekarang dapat kami balas. Kami juga telah menem-
bina Foto-foto dan sejumlah perunggu Indonesia dan koleksi perunggu
lain. Sekali lagi terima kasih dan semoga laporan Anda tentang per-
mintaan siaran RRI Tanjungkarang pada tanggal 19-1-1997 dari pukul:
19.12 - 19.40 WIB seperti Anda laporkan adalah benar dari Siaran kami,
sesuai isi kaset rekaman yang Anda kirikan.
Kami akan senang sekali bila anda terus memonitor siaran kami dan se-
nyapaikannya kepada kami. Bahasa Indonesia yang anda gunakan sudah
cukup baik sesuai dengan gramatik Bahasa Indonesia.
Data pemancar yang ada yaitu: 3395 KHz, gelombang 88,36 KHz. Mark:
MARRIS, buatan (made in USA) tahun 1976 (sudah dimodifikasi).
Antena yang digunakan sistem Multi Trap Dipole, ketebatan 10 IV.
Pemancar lain yang ada: 1035 KHz (289,85 Meter-Band), antena Vertical.
7M. 93, 98 dan 90,9 MHz antena Ring 8 Baya hanya untuk siaran lokal.
Semoga jumpa dilain kesempatan. Semoga Anda sukses selalu dan Salam
untuk Anda dan keluarga serta teman-teman di sini.

Saudara, JONI L. SCRIVILETTA
337 Bullet Hole Road
MANHATTAN, NEW YORK 10541
UNITED STATES OF AMERICA/USA

Dengan hormat,
Kons sampaikan terimakasih atas surat Anda, yang kami terima tgl:
13 Maret 1997, baru sekarang dapat kami balas. Kami juga telah menem-
bina Foto-foto dan sejumlah perunggu Indonesia dan koleksi perunggu
lain. Sekali lagi terima kasih dan semoga laporan Anda tentang per-
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Semoga jumpa dilain kesempatan. Semoga Anda sukses selalu dan Salam
untuk Anda dan keluarga serta teman-teman di sini.



Hormat kami
Kepada Saudara,
RRI
STASIUN REGIONAL
TANJUNGPANG
WASIR AGUS HRA
RIP. 050016876

ltr. in 27 ds. after 5 f/up rpts v/s Ing. Miguel Angel Barrientos V., Director Tecnico de Plantas

* Transmisoras. (Stephens). XEQQ 9680 f/d cd. w/ stickers, pennant and a p/d ltr. in 27 ds. after 8 f/up rpts. for an 87 reception. same v/s as XEWV.

* (Stephens). XEUJ 5980 f/d cd. w/ personal ltr. and postcards in 50 ds. after 6 f/up rpts. for an 87 reception. v/s Marcelo Becerra Gonzalez, Director General (Stephens-AL)... Thanks to Jeff White of WRMI who took m rpts. to the Mexican DX Convention. in Veracruz and to the convention attendees who graciously took the reports to the various stations.... Stephens.



Republica Dominicana

**QSL via Stewart
Certificado de Sintonia**

Emisoras: Radio Amanecer Internacional
Apdo.: 1500 Santo Domingo, Rep. Dom.

Horas de Transmision: de 6:00 A. M. a 12:00 P. M., G. M. 7

Frecuencias: HIAJ - 1570 KGZ Onda Media, 5 kilo de potencia
Antena polidireccional de 5/8 de onda.
HIIJ - 6025 KGZ Onda Corta Banda de 49 metros.
Con una antena vertical de 1/8 de onda. 1 kilo de potencia.

Es esta nuestra Emisora,
frecuenciada por usted. Muchas
gracias por su informe.

MOLDOVA: Voice of Russia 9665 via Kishinev f/d "Roiling Meadow and Trees" cd. in 2 mo. (Loudell-DE).

MOLDOVA (Pridnestrovie Rep.): Radio Dniester International 9620 f/d cd. w/ station stamp in 4½ mo. after a f/up rpt. w/ 2 IRCs. Thanks to Rumen Pankov in Bulgaria for this one. (Stephens-AL).

MONGOLIA: Voice of Mongolia 12085 f/d "Country Scene" cd. w/ schedule and personal ltr. in 1½ mo. (Barto). f/d cd. w/ info. sheets, schedule and a personal ltr. in 35 ds. for a taped rpt. and \$1.00. v/s David O'Connor. (Stewart-MO). 15170 f/d "Costume" cd. in 1 mo. (Barto-CT).

NEW BRITAIN: Radio East New Britain 3385 f/d ltr. on NBC stationary w/ station name typed in at the top. in 456 ds. for 2 IRCs. This after 2 f/up rpts. v/s Esekia Mael, Provincial Programme Manager. (Mohrman). f/d ltr. in 1 yr. for \$1.00. (Myers-VA).

NIGERIA: Federal Radio Corporation of Nigeria 6050 via Ibadan p/d ltr. in 86 ds. after 2 f/up rpts. v/s Dare Polarin, Principal Public Affairs Officer. (Stephens-AL).

NORWAY: Radio Norway International

7485 and 11805 cd. w/ schedule and sticker in 38 ds. v/s G. Brill. (Walton). cd. w/ sticker in 2 mo. v/s Grethe Breile. (Walton). 7465 f/d "Ornamental Clock" cd. in 150 ds. w/ schedule. (Brown-IL).

OMAN: BBC Eastern Relay Station

11760 f/d ltr. in 278 ds. for 1 IRC. (Neal-TX).

PAPUA NEW GUINEA: Radio Milne Bay

3365 p/d ltr. in 36 ds. after 3 f/up rpts. and ms. v/s Trevor Webumo. (Stephens-AL).

PERU: Radio Comas 3250 prepared cd.

in 16 ds. v/s Gamaniel Francisco Chahua, Programador General AM, FM. (Lazarus-LA)... Henry says that his business cd. also carries the title "Coordinador de Prensa"... Thanks Henry... Sam.

PORTUGAL: Radio Portugal Internacional 9570

f/d "World Map" cd. w/ sticker in 5½ wks. (Loudell-DE). f/d "Beatriz Costa" cd. in 29 ds. (Brown-IL). 17745, 15200 f/d cd. in 2 mo. (Barto).

QATAR: OBS 11785 ltr. w/ stickers and a booklet in 6 wks. (Barto-CT).

ROMANIA: Radio Romania International 11940

f/d "Costume" cd. in 6 wks. (Loudell). same in 64 ds. for 2 IRCs. Also rcvd. sticker, schedule and a personal

STOCKHOLM
The Swedish
Post Office

We thank you for your reception report which has been found to be correct and is hereby verified.

Date of reception: 5/4-76

Frequency: 5244 kHz, Time: 1734

With best wishes from Sweden
Sincerely yours,

CTD Radio Sweden
S-103 10 Stockholm

Priority A

7 33254 0110 0
P 1102368

Henry Weinstein
11254 Clifford Dr.
Houston, TX
77035-6110
LW79





ltr. Station always replies promptly. (Wilkins-MO).
RUSSIA: Voice of Russia 9825 f/d "Pushkin Monument" cd. w/o site in 174 ds. (Brown).
SAINT HELENA: ZHH Radio St. Helena 11092.5 f/d cd. w/ form ltr. in 115 ds. for \$2.00 v/s Tony Leo, Station Manager. (Walton).
SAIPAN: KFBS 11650 f/d cd. w/ ltr. & schedule in 6 wks. for \$1.00. (Myers-VA).
SAO TOME: VOA 4960 f/d "Rafting" cd. w/ sked. in 49 ds. (Woloch-PQ).
SINGAPORE: BBC 21660 and 9740 n/d ltr. in 2 mo. w/ schedule. (Barto). **Radio Singapore International** 6015 cd. w/ sticker in 35 ds. (Walton).
SLOVAKIA: Radio Slovakia International 5930 f/d cd. w/ sticker, pennant and schedule in 3½ wks. (Loudell). 6055 and 5915 via **Rimavska Sobota** cd. w/ 5 different stickers, schedule, personal ltr. and pennant in 6 wks. (Barto). 7345 via **Velke Kostolany** f/d cd. in 6 wks. (Barto). **Adventist World Radio** 9465 f/d "Map" cd. w/ ltr. in 32 ds. for 1 IRC. (Brown-IL).

SOUTH AFRICA: BBC 17830 via **Meyerton** f/d cd. in 2 mo. (Barto-CT).
SPAIN: China Radio International 9690 f/d "Jade Emperor Temple" folder cd. noting the broadcast of Hong Kong's return to China in 1 mo. w/ sticker. (Loudell-DE).

SRI LANKA: VOA 11705 via **Colombo** f/d "Rafting" cd. in 1 mo. (Barto).
SWEDEN: Radio Sweden 11650 f/d "Stockholm" cd. in 3 wks. (Brown-IL).

same in 2 wks. (Loudell). 9430 f/d cd. w/ schedule in 10 ds. (Walton). 7135, 11650, 13740 and 15240 p/d "Landscape" cd. in 112 ds. (Humenyk). cd. in 15 ds. w/ a note signed by Charlotte Adler acknowledgement that the T-shirt I received was for monitoring reports. (Walton)

SWITZERLAND: Swiss Radio International 9885 f/d "Canton Schwyz" cd. in 5 wks. (Loudell). 9905, 7480 & 7230 f/d cd. in 33 ds. v/s D. Zanotti. (Walton). 7230, 7480, 9885 & 9905 f/d cds. in 14 ds. for monitoring rpts. over 31 ds. (Walton). 13625 f/d "Federal Archives" cd. in 45 ds. (Brown-IL).

TAIWAN: Voice of Free China 5950 and 9680 f/d cd. in 28 ds. v/s Carlton Wong. (Walton). 5950 "Maopitou" cd. in 6 mo. (Walton)...5950 is a relay from **WYFR** in FL...Sam.

TANGIER: Radio Medi 1 9575 f/d "Logo" cd. w/ n/d ltr., sticker and schedule in 100 ds. for a FR rpt. and 1 IRC. (Stephens).

TURKEY: Voice of Turkey 9460, 9560 & 15385 f/d cd. w/ schedule and pennant in 5 wks. (Barto). 7300 f/d cd in 113 ds. w/ schedule. (Brown-IL).

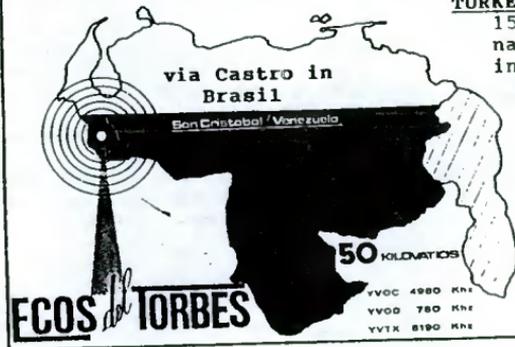
UKRAINE: Radio Ukraine International 9550 f/d "Nezalezhnosty Square" cd. w/ schedule in 9 wks. (Loudell). **Voice of Russia** 15455 via **Simferopol** f/d cd. in 7 wks. (Barto-CT).

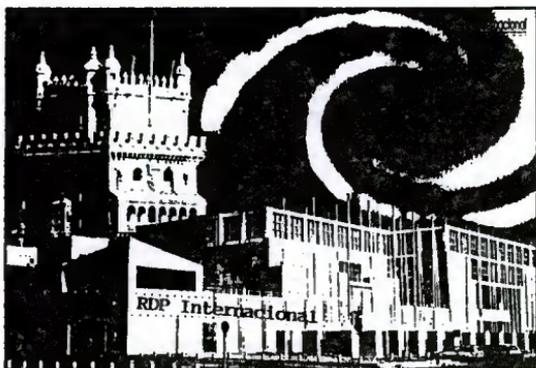
URUGUAY: CXA72 Radio Monte Carlo * 10 9595 p/d ltr. in 9 mo. for a SP rpt. and \$1.00. This after 2 f/up rpts. via E-mail. I asked Horacio Nig-

Verification Card

Station Voice of the Tigray Revolution, Mekele
 To Richard A. D'Angelo
 This is to confirm your reception of our transmission dated
 6 September 1996, 0324 - 0402 hours UTC on a
 frequency of 5,500 kHz. with _____ watts.


 X [Signature] **FRÉ TEFSEADUWAE**
 Signature & Official Seal





SPECIAL OFFER: I have received some very favorable comments regarding the offer of mostly foreign postage stamps as enclosures or gifts with your reception reports. The offer still stands: 900 stamps (300US) for \$5.00; 1900 stamps (600US) for \$10.00; or 2900 for \$15.00 of which 900 will be US. Please enclose \$3.00 for USPO overnight delivery. I guarantee you will not be disappointed.

ro to assist me. He went to the station and had the Jefe Tecnico, Sr. Alexi Haisaniuk write the QSL letter. Thank you!

USA: VOA Greenville 9670 f/d "Georgia - The Golden Isles" cd. in 47 ds. (Humenyk). **KAIJ** 15725 f/d "Two If By Sea" cd. in 27 ds. after 5 f/up rpt. v/s Fred Bethell. (Stephens). **WEWN** 6890 f/d cd. w/ sticker and schedule in 9 ds. v/s Joseph A. Dentici, Engineer and Frequency Manager. (Stephens). **Radio NADECO** 5070 via **WWCR** f/d cd. in 3 wks. (Barto).

USA (Pirates): KAMP "Beetle Bailey" and "Far Side" cartoon QSL #21 via **Radio Metallica Worldwide** in 1 mo. (Wolf-OH). **KRAP** 6955 f/d cd. in 54 ds. for 3 ms. (Wilkins-MO).

WLIS 6955 f/d QSL sheet in 54 ds. for 3 ms. (Wilkins-MO). **WKND** 6955.3 f/d cd. w/ personal ltr. in 2 yrs. (Barto).

Mystery Radio 6955 f/d "Skull and Crossbones" cd. in 1 mo. for 3 ms. (Wilkins).

Radio Eclipse 6955 f/d "Logo" sheet w/ business cd. in 38 ds. v/s Steve Mann. (Stephens).

Radio Metallica Worldwide 6955 n/d blue "Logo" cd. in 21 ds. (Stephens). **Fake KAMP** 6955 n/d tiny paper cd. in 10 mo. (Stephens).

Radio Free Spin '96 6955 f/d "Political Cartoon" sheet in 214 ds. v/s Max Rhetoric. (Stephens).

The Alan Masvya Project 6955 f/d "Collage" sheet in 48 ds. (Stephens). **Razorback Radio** 6955 f/d "Map of Arkansas" sheet in 21 ds. after a f/up rpt. (Stephens).

WRMC 6955 f/d "Pirate Flag" sheet w/ info. sheet in 85 ds. (Stephens). **POLKA Shortwave** 6955 f/d "Jack-0-Latern" sheet in 106 ds. after a f/up rpt. (Stephens).

VATICAN: Radio Vatican 11740 and 15595 f/d cd. in 2 mo. (Barto). 9660 and 11625 f/d "Antenna" cd. w/ schedule in 1 mo. (Barto). 7305 f/d "Santa Maria di Galeria Transmitting Centre" cd. in 13 wks. for \$1.00. (Loudell)

Mr. Randy Stewart
4225 W. La Casa
Springfield MO 65802-5615
USA.

Dear Randy,

VERIFICATION LETTER

I hereby confirm your reception report of Radio Uganda on Tuesday, 4 March 1997 between 0402 and 0430 UTC (0702-0730 Uganda Time), on 4976 kHz in the 60-metre band.

You were listening to RADIO UGANDA on 4976 kHz in the 60 metre band. All details you told us plus the cassette of 10 minutes on our programme were correct.

Thank you for listening.

With kind regards,

Rachel

Rachel Nakibuuka

FOR: CHIEF ENGINEER, RADIO UGANDA.



9500 and 11625 f/d "Saint Peters Square" cd. in 2 mo. (Barto). 9605 f/d "Irio Fantini Painting" cd. in 23 ds. (Brown).

VENEZUELA: YVOC Ecos del Torbes 4980 p/d "Map" cd. w/ personal note in 10 mo. for a SP rpt. and 1 IRC. v/s Ivan Escobar S., Chief Engineer. (Loudell).

cd. in 40 ds. (Castro-BRASIL).

ZAMBIA: Radio Christian Voice 3330 p/d form ltr. in 6 wks. for \$1.00 v/s B. Phiri. (Loudell-DE).

We had a full QSL Column this month. Great QSLing everyone! Till next time.....Sam.

Net Notes

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

A new broadcaster has announced its presence via the World-Wide Web. Radio San Marino International expects to start broadcasting on December 20. Little is known about the station, and the principals' names have not been revealed. "The "unofficial" station is born as a italian/german/san-marinean joint-venture to give an international voice to the small Republic and to activate a really "new country" on the world of radio." The Web site is <http://www.exactweb.com/RSMI>.

There was a test, albeit with only a day's notice, on October 19. On 11410 USB at 07-10 UT, it was heard throughout Europe and as far away as New Zealand. Chris Mackerell of Wellington posted a interesting 820k WAV file at <http://www.owdjim.gen.nz/chris/radio/rsmi.wav>. There were no reports of RSMI being heard in North America or Japan although a number of listeners attempted to hear the station. We found only a moderately-strong wide-band white-noise digital signal a few kHz

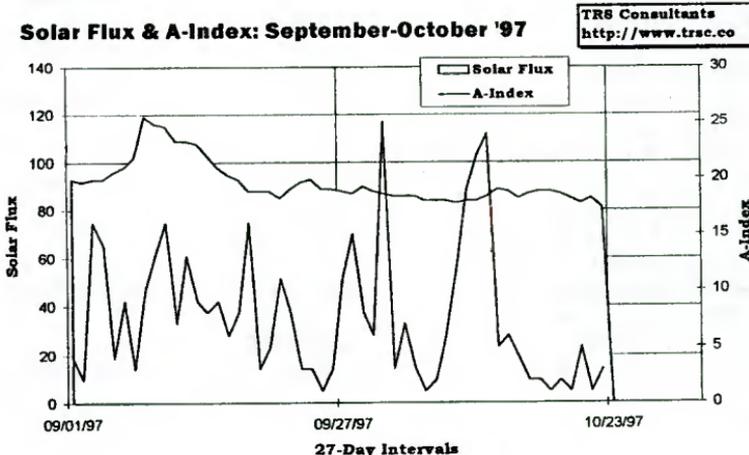
higher, and we suspect the MUF at 07 UT was far below the 25 mb. Unfortunately the station also tested later in the day, but that information was not made known to us. "The first regular broadcast is expected for the evening of Saturday December 20th, 1997, (probably on the 75 and 41 m.b.) and repeated in the morning of Sunday 21 (probably on 41 and 13 m.b.) - time and date in UTC."

There will be a test sometime in November. To be alerted to this and other breaking news, go to the Web site and sign up for the mailing list.

From time to time Radio Netherlands' Media Network and the VOA's Communications World covers the subject of digital radio broadcasting below 30 MHz. Now follow the developments of a broadcasters' consortium called Digital Radio Mondiale on its Web site at <http://www.drm.org/>.

At deadline, Andy Sennitt has announced his resignation as Editor of the World Radio TV Handbook. No further details are yet available.

Solar Flux & A-Index: September-October '97



Contributors' Page

Fred S. Kohlbrønner
2641 S. Shields St.
Philadelphia, PA 19142
Internet: fkohl@ix.netcom.com

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members contributed loggings:

Brian ALEXANDER, Mechanicsburg, PA	AOR AR-7030 100' LW
Gabriel Ivan BARRERA, Buenos Aires, ARG	NRD-525 32m dipole
Jerry BERG, Lexington, MA	R8 165' LW
Wishnu BRATA, Bandung, INDONESIA	Sony ICF-206
Jim CLAR, Rochester, NY	R8 Sony 2010 Eavesdropper LW
David CLARK, Thornhill, ONTARIO	R8A ANC-4 Carolina Beam
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 70' LW
Ralph FAMULARO, Hyogo-ken, JAPAN	ICF-SW55 ATS-803A R5000 LW
J. FINDLATER, Los Angeles, CA	
Mark FINE, Remington, VA	
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
Bill FLYNN, Cave Junction, OR	R8 DX-Ultra inverted V
Greg HARRIS, Park Forest, IL	R72 dipole
Bob HILL, Littleton, MA	Sony 2010/whip 120' dipole RW Loop
Mark HUMENYK, Weston ONTARIO	Magnavox D-2935 AN-60 antenna
David KRAUSE, Eastlake, OH	
Harold LEVISON, Philadelphia, PA	R8 R70 YB400
George MAROTI, Mt. Kisco, NY	Sony 2010 10/30m dipoles MFJ-956 tuner
Paul McDONOUGH, Medford, MA	
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	R388 DX Pro active antenna
Gary NEAL, Sugarland, TX	Grundig YB-400
Ed NEWBURY, Kimball, NE	WJ-1000 R8 60'Sloper 20' loop
Jay NOVELLO, Wake Forrest, NC	R8A LW's
Benton OWSLEY, Ventura CA	NRD-525 100' LW
Denis PASQUALE, New Brighton, PA	Sony 2010 beverage antennas
Stephen PITTS, Minnetonka, MN	NRD-535D FRG-7 Eavesdropper RW Loop
Ed RAUSCH, Cedar Grove, NJ	R5000 Sony 2010 MFJ-959 Eavesdropper
Jim RENFREW, Rochester, NY	R8 A/D Sloper
Chuck RIPPEL, Cornland, VA	R390A R8A R1051H SP-600 51S-1 LW's
Betsy ROBINSON, Clinton, TN	Sony 2010 Indoor antenna
David ROSS, Hamilton, ONTARIO	R8A Sherwood SE-3 2010 50' inverted L
Conrad ROUTH, Chamblee, GA	NRD-535 220' LW
Giovanni SERRA, Rome, ITALY	NRD-525 AD Sloper
John SGRULETTA, Mahopac, NY	NRD-515 AD Sloper Moseley trap dipole
Randy STEWART, Springfield, MO	FRG-100 w/Collins filters
Kate SULLIVAN, Boston, MA	Sony 2010 35' LW
Takayuki Inoue NOZAKI, Tokyo, JAPAN	
Sean WARNER, Minneapolis, MN	Drake SW8 Satellit 700 YB305 Sloper
Eric WALTON, Vancouver, BC	
Terry WOLF, Bellville, OH	Sony 2010 LW
Dan ZIOLKOWSKI, South Buffalo, NY	R8 Sloper SPS NRF-7 SEM QRM Eliminator

73s until next month.

Tropical Band Loggings

Sheryl Paszkiewicz
P.O. Box 152
Manitowoc, WI 54221-0152

- 2325 AUSTRALIA VL8T 9/19 1140 pop mx pgm, weak (Pitt-MN)
3140nf MADAGASCAR RM 9/15 0302 mx, ID, drama pgm. Makes switch from
5009 at 0300 (Clar-ON)
3205 NEW GUINEA R W Sepik 9/24 1158 anmts, ID, NA & off (Pitt-MN)
9/8 1055 R Sandaun ID, nx (Nove-NC)
3222 TOGO R Kara 10/2 2243 flute mx & drop in sig (Sgru-NY)
3270 NAMIBIA NBC 8/12 0048 soft rock //3290 (Ziol-NY)
3280 ECUADOR LV del Napo 9/14 1000 SP/Quech. rel pgm (Robi-TN)
3290 GUYANA VOA Relay 9/13 0120 not //other VOA freqs, GBC pgm
after 0130 (Alex-PA)
3308v UNID 10/4 0100 distorted w/SP tkl, could it be Luz y Vida from
Honduras? (Alex-PA)
3315 ADM ISL R Manus 9/27 1130 C&W mx, pops, anmts, NA (Nove-NC)
3335 NEW GUINEA R E Sepik 10/6 1055 EG ID, drums, NBC ID & nx (Raus)
3345 INDIA AIR Jaipur 10/11 *0023 IS chorus, ID, TP, nx (Raus-NJ)
3360 GUATEMALA LV de Nahuala 9/20 1100 programa de los campesinos
songs of the corazon (Robi-TN)
3385 NEW BRITAIN RENB 9/23 1215 PD pops & chorus, ID (Pitt-MN)
9/8 1105 long tkl, reggae, C&W, PSAs, nx //4890 (Nove-NC)
3905 IRIAN JAYA RRI Merauke 9/26 1159 weak w/SCI & nx (Pitt-MN)
3909.6 PIRATE unid 9/27 2206 Euro pops, anmts (Hill-MA)
3933.7 PIRATE unid 9/27 2225 Euro pops, Hawaiian song, tkl (Hill-MA)
3976.1 KALIMANTAN RRI Pontianak 10/10 1030 call to prayer, Koran
1100 ID (Raus-NJ)
4060 CLAND Vo Iraqi Kurd. 10/2 1645 NA, ID, instl mx, anmts (Serr)
4460 CHINA CNR 1 9/9 2010 ment Zonguo, IDs, Zheng mx, IDs, anmts
Zheng is zither type like JP koto (Serr-IT)
4549.4 BOLIVIA Rdf Tropic 9/20 1020 long tkl, ment Trinidad (Nove-NC)
4571.8v PERU R Gotas de Oro 9/20 1035 Andean mx, TCs, echo ID (Nove-NC)
4599.3 BOLIVIA R Emis Villamontes 9/27 1020 Amanacer Chaqueno pgm(TIN)
4600 BOLIVIA Perla del Acre 10/8 0125 standup comic, laughter, ID
(Raus-NJ)
4725 MYANMAR VoM 9/21 1120 class mx, distorted anmts (Clar-ON)
4735 CHINA Xinjiang PBS 9/21 1142 Uighur pres tlks (Clar-ON)
4746.8 PERU R Huanta 2000 10/7 1010 ballads, huaynos, ID (Raus-NJ)
4750 TIBET Xizang PBS 10/1 1120 EZL mx, opera, rev. chorus (Nove-NC)
4760 INDIA AIR Chennai & Pt. Blair mixing. 1130 Pt. Blair ID (Nove)
4770 ECUADOR Centinela del Sur 9/3 0340 fast tkl, addr (Newb-NE)
4775 INDIA AIR Imphal 9/21 1128 vcls, ID, IS (Clar-ON)
4775 SWAZILAND TWR 9/17 IS & ID in EG (Harr-IL) 9/15 0405 GM tkl,
rel mx (Newb-NE)
4778.6 DOM REP 9/29 0101 buenos noches, ID, NA (Stew-MO)
4779.8 GUATEMALA R Cult. Coatan 9/21 1100 ID, ballads, orch (Robi-TN)
4782.5 MALI 9/12 0559 IS NA, ID ment Bamako & freq (Rout-GA)
4800 GUATEMALA R Buenas Nuevas 10/1 0030 ID, mx, no sign of XERTA
(Sgru-NY)
4800 LESOTHO RL 9/3 0345 Western pops, lang tlks (Newb-NE)
4800.7 MEXICO XERTA 9/27 1035 EG/SP IDs, ranchera mx (Maro-NY)
9/27 0605 big band, rock mx EG/SP/FR anmts (Sgru-NY) 9/19
0222 ID, "Stormy Weather" IDs, great sig (Nove-NC) 9/26 0740
Chuck Mangione, canned ID (Alex-PA) 9/27 0630 Mexican mx, FR
ID (Berg-MA) 10/5 0156 IDs, poor (Renf-NY)
4815 BURKINA FASO RTB 9/27 2258 tkl, hilife, pops, IDs (Clar-NY)
4832 COSTA RICA R Relej 9/7 1005 promo, ID, LA mx (Newb-NE)
4835 GUATEMALA R Tezulutlan 9/14 1100 SP/lang marimbas, ID (Robi-TN)
4835 MALI 9/12 0603 Koran //4782.5, fair (Rout-GA)
4840.1p VENEZUELA R Valera 9/27 2320 lively LA mx, ad/promo, TC (Clar)
4850 CAMEROON Yaounde 9/14 2355 Afr mx, FR anmts, NA (Ziol-NY)
4870 BENIN ORTB 9/19 2301* FR tkl, Mideast mx, FR ballads (Alex-PA)

4875.5 GEORGIA GR 9/29 0309 cabaret vcIs, anmts //5041 (Hill-MA)
 4879.7 ECUADOR RN Espejo 9/20 0050 drama, ads, jingles, IDs (Alex-PA)
 4885 BRAZIL R Clube do Para 8/8 0853 tIk, fast mx, ID (Ziol-NY)
 4904.5 CHAD RNT 9/19 2201* Afr pops, folk mx, FR tIk, NA (Alex-PA)
 4905 CHINA ZNR 2 9/21 2205 tIk, EG lesson //4800 (Ross)
 4910 ZAMBIA CNBC 9/13 0410 lang tIk, IS & drum, nx abt Zambia (Rout)
 4914.4 PERU R Cora 9/10 0315 pol tIk, IDs, anmts, mx (Serr-IT) 9/3
 0345 vcIs, band mx (Newb-NE)
 4915 BRAZIL R Anhanguera 10/1 0200 ID ment onda media & onda
 tropical, nx from other reporters (Sgru-NY)
 4919 ECUADOR R Quito 9/10 0340 LA nx, mx, anmts, ads, phone ins
 (Serr-IT) 9/3 0356 tIk, promo (Newb-NE)
 4920 INDIA AIR Madras 9/22 1225 SC mx, TP at 1230, ID, EG nx (Pitt)
 4950t KASHMIR AIR Srinagar B 9/28 *0054 SC mx, no IS, tIk (Clar-ON)
 4950 USA VOA 9/30 2010 weak on a par with Lome (Sgru-NY)
 4955 COLOMBIA RN 9/27 2304 anthem, gongs, ID, poor (Alex-PA)
 4960 SAO TOME VOA 9/23 *0258 Daybreak Afr (Renf-NY)
 4976 UGANDA RU 9/9 1944 EG tIk abt kids, pop mx, IDs tIk abt
 Kampala (Serr-IT)
 4980 VENEZUELA Ecos del Torbes 9/7 1030 long tIk (Newb-NE)
 5005 NEPAL RN 9/21 1128 domestic chor, tIk, mx (Clar-ON)
 5010 INDIA AIR Thiru. 0035 EG nx by W, SC mx (Sgru-NY)
 5012.5 DOM REP R Cristal 10/7 00035 jazz instls, ID (Raus-NJ) 10/3
 2315 distorted audio drifting, mx, ads, jingles, ID (Alex-PA)
 5015 TURKMENISTAN TR 9/27 2138 Cent Asian mx sounds like American
 Indian, FC, muffled audio, sig better by 2200 (Hill-MA)
 5025t PERU R Quillabamba 9/24 0840 pops, ID, rooster, promo (Newb)
 5030.1 COSTA RICA AWR 9/10 0350 SP rel, class mx, pops & anmts (Serr)
 5035.1 BRAZIL unid 9/10 0402 anmts, jingle, TC, ment Brazil, mx,
 ID unclear, Aparecida?, phone calls (Serr-IT)
 5041t GEORGIA GR 9/27 0230 lite instls, class mx, ME mx (Alex-PA)
 9/21 2105 pop mx, tIk, interview, chorus, anmt (Hill-MA)
 5100 LIBERIA RL 9/14 2306 pop mx soul, ment Monrovia (Clar-NY)
 9/23 2335 as unid w/high life, anmts (Levi-PA)
 5629.8 PERU R Ilucan 9/14 0300* OA mx, tIk, ballads, ID (Alex-PA)
 5677.1 PERU R Free San Ignacio 9/27 0304* rustic mx, anmts, (Alex-PA)
 9/28 0130 polka beat mx, comunicados NA 0154* (Nove-NC)
 5770 NICARAGUA R Miskut 9/28 0319* anmts, ID, pops, NA (Alex-PA)
 5835 KALININGRAD R Ned 10/5 2125* DT interview, sports (Maro-NY)
 10/5 2035 lang mx, on scene rpts, TP. Called station & they
 said on this freq from Kalin. to 10/26 (Sgru-NY)
 5850 BULGARIA RB 9/4 1728 IT //7510 pol tIk, pop mx, IDs (Serr-IT)
 5860 UNID 9/5 0100 CH sounding mx, tIk (Levi-PA)
 5870 AUSTRALIA RA 9/18 0932 EG interview (Levi-PA)
 5880 LIBERIA Star R 10/11 *0500 NA, EG ID, anmts. Lang nx (Raus-NJ)
 5883 VATICAN VR 9/4 0655 AR nx abt Vatican (Serr-IT)

New Mexican station on 4800.7. I heard this one too. Also took a
 logging of Radio Cultura do Para on 5045 because I finally realized
 I didn't have a QSL from them. Reception conditions at the new apartment
 are poor to fair much of the time but seem to improve after 10 p.m.

This month reports from 11 states, 1 province & 1 foreign country.
 Some of you have asked if the format is OK that you are using. I have
 not gotten anything that was unacceptable in a long time. Some of you
 also felt inferior because you did not submit rare loggings or a
 great number of loggings. Everything is welcome here. Most everything
 in the tropical bands is interesting to someone at some point in their
 DXing hobby "career."

International Band Loggings

Wallace C. Treibel
357 N E. 149th Street
Seattle, WA 98155

- 5910nf? GERMANY R New Nigeria in EG *0100-0130*, IS, anti-Abacha cmntry, mx, into lcl langs 0115 (Rausch NJ 9/21) tlks re Nigerian 10/1 Independence Day & opposition activists (Renfrew NY 10/5)
- 5910nf? GERMANY R Vilnius relay in EG 0030, nx, fqys, sked, tlk re Lithuanian-Jewish relations, folk mx, Lithuanian president will not run for re-election (Pasquale PA 10/6, Krause OH 9/22)
- 5930 SLOVAKIA R Slovakia Int in EG 0100, fqys, sked, ID, nx, tourism, g (McGuire MD 10/7)
- 5960 CANADA R Japan relay in EG 0103, nx, cmntry on world affairs, ID, fqys, exc (Levison PA 9/16)
- 5985 ANGOLA R VORGAN in PT 2056, ID, TC, march/anthem, boomy audio, g (Hill MA 9/18)
- 6010 ITALY RAI Rome in EG 0050, nx re sex scandal, ID, econ nx (Pasquale PA 9/26, McGuire 9/17)
- 6010 MEXICO R Mil Mexico City in SP 0957, ID, pop vocals in SP, f (Ziolkowski NY 8/12) 1 kw xmtr
- 6015 CANADA R Austria relay in GM/FR 0623, songs, ID, into FR 0630, //6155 (Serra ITALY 9/30)
- 6020 NETHERLAND ANTILLES RN relay in EG 0013, mx from Lat America , exc (Levison PA 9/24)
- 60405 BRAZIL R Clube Paranaense in PT 2308, promos, ads, tlks, ph #'s, ID's, f/ QRM (Clar NY 9/21)
- 6055 SPAIN REE in EG 0008, nx, Shen Fein agrees to peace tlks, RS oil deal signed (Newbury NE 9/10)
- 6060 ITALY IRTN Sicily in IT/EG/FR 0130-0308, opera, TP, nx in different langs (Renfrew NY 9/8)
- 6060 ARGENTINA R Nac Buenos Aires in SP 0956, tlk, flute mx, vcl, ID, pips, f (Ziolkowski NY 8/18)
- 60639 COLOMBIA Colmundo Bogota in SP 1030, several ID's, nx, NA 1100, f (Ziolkowski 8/12)
- 6090v CHILE R Esperanza Temuco in SP 1044, rel song, nx, WYFR 6085 splash bad (Novello NC 9/10)
- 6115 PERU R Union Lima in SP 0655, rapid tropical dance & rap mx, ID's, exc (Novello NC 9/18)
- 6115 BOTSWANA VOA relay in EG 0302, nx re slayings in Algeria, //7105, p (Humenyk ONT 9/1)
- 61152 COLOMBIA LV del Llano in SP 0912, LA mx, ID, fqy, canned promo, f/het (Ziolkowski NY 9/22)
- 6145 RUSSIA R Nederland relay Kaliningrad in DT 0457, IS, nx, cmntry, mx, f-g (Sgrulletta NY 10/5)
- 6160 CANADA CKZU Vancouver in EG 1240, lcl wx rpt, sports, Glenn Miller mx (Pitts MN 10/22)
- 61947 BOLIVIA R Carlos Palenque La Paz in Ayamara 0905, "Trabajadores Bolivianos" (Nozaki JP 9/27)
- 6210 ETHIOPIA R Fana in lang? 0326, IS, ID, tlk, noisy condx but g sig, no //6940 (Renfrew NY 9/13)
- 64798 PERU R Altura in SP 0215-0330+, ancmts, ID, OA folk mx, weak sig (Alexander PA 9/20)
- 65201 NORTH KOREA R Pyonyng in KR 1250, KR operatic style mx, g/exc (Owsley CA 9/19)
- 6570 MYANMAR Def Forces BC Sta in lang 1110, SE Asian ballads, tlks, SSB traffic QRM but steady signal (Owsley CA 9/19, Novello NC 9/10) E Coast f/o about 1210 but still there 1245 on W Coast
- 68112nf? PERU Ondas del Rio Mayo in SP 0000-0208*, up from 67972, ancmts, LA/Andean mx, ID 0204, s/off with NA (Alexander PA 9/21, Novello NC 9/19)
- 6933 CHINA CRI Beijing in SP 2205, tlk, ID "Cheena" in SP, fluttery & low fqy rumble (Ross 9/21)
- 71076 CHINA Nei Monggol PBS Hohhot in CH 1300, tlk, CH inst mx, muffled audio (Owsley CA 9/19)
- 7110 ETHIOPIA R Ethiopia Gedja in lang 0400, strings/vcls, ID, nx?, more mx 0408 (Renfrew NY 9/7)
- 7135 SOUTH AFRICA R France Int relay in FR 0310, nx, cmntry (Renfrew NY 9/23) new relay site!
- 7155 NIGER LV du Sahel in FR 2206-2215, hilife mx, amnts, fair with hum, //5020 (Hill MA 10/4)
- 7160 ALBANIA R Tirana in EG 0145, ID, sked, fqys, political nx (Newbury NE 9/20)
- 7160 MALAYSIA RM Sarawak Kuching in CH 1325, lcl Malaysian mx, tlk, ID, f-g (Owsley CA 9/19)
- 7165 ETHIOPIA R Ethiopia in EG 1616, mx, ID 1630, TC, nx? unclear due to QRM (Serra ITALY 9/19)
- 7165 CROATIA Croatian R in CR 0659, pips 0700, ID, nx, wx rpt, //5920 (Serra, Genova ITALY 9/4)
- 71949 CHINA Xinjiang PBS Uighur Service Lhasa in Uighur? 2318-2345+, exotic mx drama w/vcls by male & female, drums & other percussions, strong tho choppy & echoey, //47349 vp (Hill MA 9/21)
- 7215 SOUTH AFRICA TWR relay in lang *0333-0404*, EG ID's, IS to conclude (Renfrew NY 9/23)
- 7230 UNITED KINGDOM R Japan relay in EG 0706, nx, ID, fqys, pol cmntry (Serra, Genova ITALY)
- 7240 test ITALY AWR Forli Italy in EG *0300-0500*, one day test best with 2 1/2 kw. History of AWR broadcasting from Italy, repeats of Wavescan segments, special QSL addresses, mostly QRM'd by HAM ops (Rausch NJ, Costello NJ, Berg MA, Alexander PA, Clark ONT, Montgomery PA - all on 9/28)
- 72451 MAURITANIA R Mauritanie in FR/AR 0709-0808, nx in FR, anmts in FR/AR, western pop songs, nx? in AR, AR chants, mx with tlks by YL in AR, no ID (Serra ITALY 9/30)
- 7250 INDIA AIR Panaji Goa in Nepalese 0127, IS, ID, into usual programming (Sgrulletta NY 9/30)
- 7255 NIGERIA V of Nigeria in EG 2034, 2 OM's in discussion of Nigerian foreign relations (Fine 9/21)
- 7285 UZBEKISTAN R Tashkent in EG *1200, IS, ID, nx, cmntry, lcl mx, //9715, p (Alexander PA 9/20)
- 7350 CHINA Heilongjiang CPBS Harbin in CH 0955, tlks by YL, CPBS pips, IS, ID (Rausch NJ 9/9)
- 7385 CHINA China R Int in EG 1340, YL w/pgm "Life in China", g (Owsley CA 9/18)
- 7450 GREECE V of Greece in GK 0236, GK folksongs, strings, to EG 0258, //6260 (Newbury NE 9/26)
- 7520 ROMANIA R Moldova Int relay in EG 2200, nx, ID, cmntry, lite instr mx, lcl pops, 6 minute silent period at 2224, possible jammer in back (Alexander PA 9/19) in EG 0430, nx, tlk, ID (Krause OH)
- 7585 COSTA RICA RFPi in EG 0242, in AM mode, not usual USB, stronger on //7385 but 7385 had bubble jamming behind its signal, YL tlking re global warming (McDonough 9/23)
- 7746nf? PERU R Cristal in SP 0150-0308*, huaynos, TC, ID (Rausch NJ 9/26)

- 9420 GREECE V of Greece Athens in EG0135, rpt on funeral of political leader, ID (McGuire MD 10/7)
- 9510 ROMANIA RR Int in EG 2315, nx re treatment of ethnic Romanians in Ukraine (Pasquale PA 9/25)
- 9525 INDONESIA V of Indonesia in GM 1800, ID, fgy, lcl mx, nx, wx, cmntry (Serra Genova ITALY)
- 9570 PORTUGAL RDPI Lisbon in EG 0332, ID, fgy, nx on matters related to Brazil (Newbury NE 9/9)
- 9575 MOROCCO R Medi Un in FR 0735, nx, sports feature, FR pops, into AR 0754 (Serra Genova IT)
- 9580 AUSTRALIA RA in EG 1100, ID, fgy, econ nx, feature (Fraser MA, Humenyk ONT, McGuire MD)
- 9580nf? BULGARIA R Budapest in EG 0100, "Hungary Today", IS, ID (Newbury NE, Pasquale PA 9/26)
- 9605 VATICAN STATE VR in EG 0250, ID, IS, Pope's tribute to Mother Theresa (Newbury NE 9/9)
- 9620 KAZAKHSTAN R Almaty in GM/KZ 0905, lcl pop songs, anmts, IS, lcl nx? (Serra ITALY 9/11)
- 9670 PHILIPPINES R Veritas Asia in Pilipino/EG 1555*, IS, ID in EG (Serra Anzio ITALY 9/9)
- 9675 PAPUA NEW GUINEA NBC Port Moresby in EG 0750, chatter by OM, brief nx ending at 0803, vocal until carrier cut in mid-song 0804, abrupt switch to alt fgy 4890 at 0805 (Clark ONT 9/14)
- 9690 ROMANIA R Romania Int in EG 1900, fine arts and Philharmonic orchestra (Robinson TN 9/19)
- 9705 MEXICO XERMX Mexico City in SP 1250, lively LA mx, ID's, QTH, promo, children's program (Clar NY 9/14) in EG 0300, nx briefs, Diana's funeral aftermath, ID, fgy, QTH (Newbury NE 9/9)
- 9795 NEW ZEALAND RNZlin EG 0700-0758*, nx, tlk abt cinemas, old movie songs, choral chant, mix of fine mx & pops, fgy sandwiched between two RFI xmtrs 9790 & 9805 (Serra ITALY 9/20)
- 9845 NETHERLAND ANTILLES RN relay in EG 0103, tlk re past Egyptian embalming (Levison 9/30)
- 9855 UZBEKISTAN R Netherlands relay in EG 0130, tlks, nx, ID, FAX, to DT 0330 (Findlater CA 9/18)
- 9885 FRENCH GUIANA Swiss R Int relay in IT 0838, nx, sports, IS, lcl political cmntry, ID, QTH, interviews re earthquakes in general & last earthquake in C Italy, //13685, 17515 (Serra ITALY 10/2)
- 9885 THAILAND R Thailand in EG 1235, natl nx, tlk re "Youth Day", feature on "A Page from Thai History", into world nx, f (Clar NY 9/20)
- 9905 FRENCH GUIANA Swiss R Int relay in EG 0113, cmntry on art exhibition in Bern (Levison PA)
- 9925 BELGIUM RVI in EG 2330, "Fleas in the Museum of Modern Art" & other nx (Robinson TN 9/1)
- 9930 HAWAII KWHR Naalehu in EG 1142, pgm called "Water of Life", exc (Humenyk ONT 8/31)
- 10059v VIETNAM V of Vietnam in FT 1558*, tlk, lcl songs, anmts re Vietnam, p (Serra ITALY 10/1)
- 10990 usb SAUDIA ARABIA BSKSA feeder in AR 1607, long relig tlks, pop mx, //11965, 11780 (Serra 10/1)
- 11610 CHINA CPBS Beijing in CH 1519, comments by YL, vocal mx, //11630, f (Humenyk ONT 9/7)
- 11645 GREECE VOG in EG 0135, world nx, vcls w/orch, ID, billboard on classical mx (Levison PA 9/7)
- 11690 JORDAN R Jordan in EG 1616, DJ w/FR accent, pop & rock mx by Nirvana (Newbury NE 9/21)
- 11715 CANADA R Korea Int relay in EG 1144, N Korea celeb Thanksgiving despite famine (Fraser 9/11)
- 11715 ALGERIA RTV Algerienne in EG/SP 1656, pop song, ID, fgy, sked for EG, E-mail QTH, AR mx, into SP, nx, SP mx (Serra ITALY 9/29) in EG 2035, mx by Genesis, //15160 (Humenyk ONT)
- 11735 NEW ZEALAND RNZI in EG 2203, nx, wx, ref to National Radio, opera vcl, f (Clark ONT 9/27)
- 11780 BRAZIL R Nac da Amazonia in PT 0100*, tlk, ads, promos, jingles, //61832 (Alexander PA 10/5) in PT 2135, string of ads then back to futbol game play-by-play, g (Humenyk ONT 8/31)
- 117851v BRAZIL R Guaiba in PT 2335-0200+, ID's, ads, jingles, station irreg - 117852 on 9/25, 117944 on 9/26 & 28, some nights not hrd at all (Alexander PA 10/5, Rausch NJ 9/28)
- 11780 SAUDI ARABIA BSKSA in AR 1552, cmntry about Princess Diana, //11965 (Humenyk ONT 9/7)
- 11810 PORTUGAL D Welle relay in EG 0120, tlk re Princess Diana & Papparazzi, exc (Levison PA 9/7)
- 118124 BRAZIL R Brasil Central in PT 0015, ID, jingles, interview, ads, p (Ziolkowski NY 8/27)
- 11815 JAPAN R Japan Tokyo in EG 1213, mailbag pgm, ID's, tlk on QSLing stations, f (Ziolkowski NY)
- 11900 SOUTH AFRICA Chan Africa in EG 1658, IS, ID's, TP, regional nx, f-p w/QRM (Clar NY 9/21)
- 119403 CAMBODIA Natl V of Cambodia in VT 1302, YL opening TP pgm, into ezl domestic vcls, abrupt s/off 1315, weak but quite readable thru moderate het from R Romania (Clark ONT 9/14)
- 12085 MONGOLIA V of Mongolia in EG 1220, SEA mx, IS, ID, heavy QRM on 12090 (Rippel VA 9/13)
- 12120 GEORGIA V of Hope (USA-based) relay in EG 1357, IS, ID's, fgy, ancm: mx and ministry from the Voice of Hope, QTH in California & UK, choral songs, sermon (Serra Anzio ITALY 9/18)
- 13685 FRENCH GUIANA China R Int relay in SP 0200, ID, mx, pgm preview, g (Humenyk ONT 9/14)
- 13710 INDIA AIR Bangalore in EG 1331, nx, ID, cmntry, Indian song, QSB (Serra Anzio ITALY 9/18)
- 13750nf? TURKEY VOT in EG 1325*, lcl mx, tlk re history, art etc. of Anatolia, ID, fgy, IS (Serra 9/18)
- 13805 NORWAY R Norway Int in EG 1216, feature on Norwegian politics, g (Fraser MA 9/21)
- 150097 VIETNAM V of Vietnam Hanoi in EG 1356*, cmntry re VY education policy, lcl pop song, ancm: ID, //9840 (Serra Anzio ITALY 9/18) in EG 2336-2357*, nx, cmntry, f w/QSB (Fine VA 9/24)
- 15075 INDIA AIR Delhi in SH 1534, tlk ment India & Pakistan, anmct, ID, f-p (Serra ITALY 9/19)
- 15120 ASCENSION ISLAND R Japan relay in FR 1000*, tlk over pop mx, IS, ID, TP (Serra ITALY 9/19)
- 15125 JAIWAN BCC China Popular Net in CH 1058, tlk, TP, ID, more tlk, QRM 15120 (Serra 10/2)
- 15149nf OMAN R Oman in AR 1446, AR song & mx, tlk, similar Big Ben chime 1500 followed by seven tolling (0700 lcl) ID, M East nx, Radioplay, exc signal in Rome (Serra ITALY 9/11)
- 15155 FRANCE R France Int in FR 1440, cmntry about TV in Portugal, //15300, exc (Humenyk ONT 9/7)
- 15160 ALGERIA RTV Algerienne in EG 2006, nx, QRM both sides of fgy, //117146 (Fine VA 9/21)
- 151676 FRENCH POLYNESIA RFO Papeete Tahiti in FR 0345, back on again after being missing for several days, big carrier but low audio, tlk (Clark ONT 9/17) in FR 1140 w/unusual early AM signal on this fgy, tlk, mx segment, faint audio of barely readable quality (Costello NJ 9/28)
- 15175 GREECE V of Greece in EG/GR 1335, nx in EG, into GK mx, speech, //15630 (Fraser MA 9/21)
- 15265 BRAZIL R Bras in EG 1917, "Brasilian Panorama", BR mx, ID, QTH, req rpts (Serra ITALY 9/9)
- 15295 MALAYSIA V of Malaysia Kajang in EG 0802, nx, ID, cmntry, QRM strong 15300 (Serra 9/20)

- 15310 OMAN BBC WS relay in EG 1011, newsdesk, ID, sports, nx, //15575, 15485 (Serra ITALY 9/19)
 153449 ARGENTINA R Nacional in SP 0115, tlk, jazz vcl, ID, promo, class mx, ads (Ziolkowski NY 8/27)
 15395 THAILAND R Thailand in EG 0032, world nx, lcl nx, sports results, wx rpt, exc (Levison PA 9/15)
 15400 FINLAND YLE R Finland in EG 1230, ID, report on paper mail strike, g (McGuire MD 9/5)
 15435 LIBYA R Jamahiriya in AR 1532, AR song, tlk ment Libya, ID 1545, canned anmts (Serra 9/18)
 15445 BRAZIL R Bras Brasilia in EG 1200, pgm re arrival of spring in Brazil (Pasquale PA 9/21)
 15460 FRANCE R France Int in EG 1600, pgm mostly re Mobutu, Zaire's late president (Fraser MA 9/8)
 15530 FRANCE R France Int in EG 1605, cmnts re Israeli seeking 5 militants, nx, ID (Newbury NE 9/21)
 15550 CHINA CPBS Beijing in CH 0816, tlk w/echo effect, anmts, CH mx, //17605 (Serra ITALY 10/2)
 15585nf? UZBEKISTAN R Tashkent in EG 1509-1525*, Asian Service pgm, g/ but QRM (Renfrew NY 9/19)
 15575 UNITED KINGDOM BBC London in EG 1515, "Encyclopedia Historica", exc (Fraser MA 9/8)
 15625 GERMANY West Coast R Ireland relay in EG 1925, Irish fiddle mx, mailbag (Renfrew NY 9/25)
 15650 ISRAEL Kol Israel in EG 1547, Arafat pledges that he will 'fight' violence, nx & cmntry on Israel and Russian nuclear activity (Fraser MA 9/8, Levison PA 9/25)
- 17555 test HAWAII KWHR Naalehu in EG 0058, tape offering spec QSL from new xmtr (Sgrulletta OH 9/15)
 17895nf? QATAR QBS in AR 0722-0802, AR song, interview, alt AR mx & anmts, ID (Serra ITALY 10/2)
 21535 ITALY RAI Rome in IT 1603, Sun only xmsn to South Am, mx, pgm called "Domenica Sport", g (Humenyk ONT 9/7) ED: Nice logging! I can't hear anything but sunspot "buzz" on 21 mhz

CLANDESTINE STATIONS

- 5910nf GERMANY R of New Nigeria in EG 0100-0129*, nx, cmntry re Nigerian poltics, ethics, human rights, ID, tl in unid lang, Boston QTH, vy strong sig, TNX to WOR tip (Alexander PA 9/21)
 6205 SOUTH AFRICA R Kudirat Nigeria in EG 2007*, nx re Nigeria, ID, NA, weak (Alexander 9/19)
 9365 ALASKA? R Free Asia relay in Lao? 2235, site via KNLS per Cumbre 153 (Renfrew NY 9/19)
 11590 ALASKA? R Free Asia relay? in Tibetan(p) 1320, weak sig, //11575 (Renfrew NY 9/12)

TENTATIVE, PRESUMED, OR UNKNOWN

- 59798 BRAZIL R Guarja(p) in PT 0936, ment Brazil, vcl mx w/accordion, tlk (Ziolkowski NY 8/20)
 60499 NIGERIA FRCN Ibadan(p) in Afr lang 2020, tks, wiped out by BBC IS 2027 (Novello NC 9/30)
 6060 BRAZIL R Universo(p) in PT 0913, emotional tlk w/crowd response, relig?, no ID (Ziolkowski NY)
 61054 BOLIVIA R Panamericana in SP 1024, Andean mx, brief tlk, vcl, no ID, QRM (Ziolkowski 9/18)
 6130 UNIDENTIFIED in lang? 0639, lyrical song & tlk, seems like RS station, no ID (Serra 9/30)
 6615 UNIDENTIFIED in SP? 1050, distorted, unstable xmtr drifting up & down by as much as 200 Hz but resting in one spot for a couple of minutes. When playing mx, mostly flutes, male vcls, but not Andean. Pgmng changed to mostly tlk after 1100, QRN (Novello NC 9/11)
- 7210 CHINA Yunnan PBS Kunming?, t/in 2200, 5+1 pips, generic CPBS ID in CH, nx?, //5295, poor until 2212 when wiped out by Cyprus s/on on 7205, no local ID so not sure if this is actually Yunnan as listed or just another new CPBS outlet (Hill MA 9/21)
- 7746v PERU? Unidentified in SP 0053*-0315+, LA & OA mx, anmts (Alexander PA 9/28) ED: More than two hours of listening and no ID is enough to make a strong man cry!
- 91147v IRAQ Rep of Iraq R (p) in AR? 1742-1922*v. Another bizarre freq choice for Baghdad(p) with what seemed to be anti-Saudi rhetoric, typical ME vcls. First noted at 91157 on 9/30 with 1859* faintly audible on //9715 well under DW Russian relay, audio always too low for ID (Hill MA 10/3)
- 97748 BULGARIA R Varna(p) in BG? 2250, continuous pop mx, no anmts, clear channel (Renfrew 9/19)
 97803 UNIDENTIFIED Rep of Yemen R(?) in EG 0633, tlk, techno mx, ID?, pops (Serra ITALY 9/20)
 ED: WRTH lists repeat EG xmsn from 0600-0700 making Yemen most likely what you heard.
- 11133 LSB ARGENTINA Aspen 102?? in SP 0740-0840+, SP pops & ballads, YL DJ, US pops, phone talk, ments of Buenos Aires but no ID, NASWA's Sept LN lists this as relay of FM stn (Alexander 9/12)
- 11570 TAJKISTAN Dushanbe relay of V of Tibet(p) in Tibetan 1221-1305, IS, anmts that seemed to refer to Tibet. Xmsn being jammed (YL reading numbers) by China since 9/11 (Renfrew NY 9/12)
- 11570 PAKISTAN R Pakistan(p) in lang 1718, tlk followed by Koranic chant(p), f-p (Clar NY 9/212)
 11706 BRAZIL R Nova Visao(p) in PT 0020, tlk, vcl w/accordion, jingle, no ID hrd (Ziolkowski NY 9/21)
 117351 URUGUAY R Rio Oriental Montevideo(p) in SP 2207-2226*, fast-paced ancr, no ID hrd, suddenly off at 2226 (Clark ONT 9/27) excited SP tlk by OM 0009, no chance for ID (Ziolkowski NY 9/11)
 11925 BRAZIL R Bandeirantes (p) in PT 0909, ments Sao Paulo, jingle, canned ID? (Ziolkowski NY)

LAST MINUTE ARRIVALS

- 5985 ANGOLA VORGAN in PT 2040-2101*, Wake Up Radio, reggae & hilife mx, ID (Maroti NY 10/4)
 7240nf? ITALY AWR Forli in EG *0300-0345, history of stn, features (Maroti 9/28)
 7250 INDIA AIR Panaji Goa in Nepalese *0128-0207, IS, ID, relig song, HD film mx (Maroti 10/3)
 7295 MALAYSIA Radio 4 Kajang in EG 1105-1128, jingle, ID, nx, phone interview (Maroti 9/27)
 12085 MONGOLIA V of Mongolia in CH 1200-1230, IS, ID, vocals (Maroti 9/21)

NOTE: Some of Giovanni Serra's loggings rptd above were during his vacation in GENOVA. I hope I marked them correctly. While there, he used a SONY 2001D with a telescopic built-in antenna and indoor 'longwires' scraped up from a great and old tube radioset (Philips) found in his father's apt.

FOR SALE: Lowe HF-225 "Europe". Pre-"new management" model. As new condition with keypad, manual, etc. Price \$799.00. Chuck Rippel, 2341 Herring Ditch Road, Chesapeake, VA 23323-6419. Phone (757)485-9660. Email <crippel@usa.net>

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FOR SALE: The NASWA Journal - all back issues for at least the last five (?) years. Popular Communications - all issues since the 1982 inaugural issue. Monitor Times - all issues since the inaugural newspaper issue in 1982. SPEEDX - all issues for at least the last 12 years or so until they stopped publishing. QST - all issues since 1989-1990. No set price. I will entertain any offer (including postage) for complete sets only. David Trachtenburg. Email <n4wwl@erols.com>.

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Publisher / Business Manager: Bill Oliver, 45
Wildflower Road, Levittown, PA 19057

Executive Council: Jerry Berg, Ralph Brandi,
Bob Brown, Dr. Harold Cones, Rich D' Angelo,
Kris Field, Bill Oliver

EDITORIAL STAFF

Managing Editor: Dr. Harold Cones, 2 Whits
Court, Newport News, VA 23606

Desktop Publishing/Graphics: Ralph Brandi,
6 Juneau Court., Tinton Falls, NJ 07712

Shortwave Center: Hans Johnson, 206-A South
Loop 336 West #231, Conroe TX 77304

Easy Listening: Richard Cuff, 1016 Chestnut
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Listener's Notebook: Al Quaglieri, P.O. Box
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QSL Report: Sam Barto, 47 Prospect Place,
Bristol, CT 06010

Distributing Editor: Fred S. Kohlbrenner, 2641
S. Shields St., Philadelphia, PA 19142

Tropical Band Loggings: Sheryl Paszkiewicz,
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