

The **NASWA** Journal

VOLUME XLI NUMBER 2

FEBRUARY 2001



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The Yaesu VR-5000 provides sophisticated wideband reception. Coverage is from 100 kHz to 2600 MHz (2.6 GHz) less cellular, in AM, FM-N, FM-W, LSB, USB and CW. This radio features a real-time bandscope and you get 2000 memories. You get 2000 alphanumeric memory channels grouped into 100 banks. Optional aids such as a DSP unit, voice synthesizer and digital voice recorder will be available. Jacks on the back panel include: Mute, 13.8 VDC input, External Speaker, 10.7 MHz iF Output, Antenna Input A (SO-239 50 ohm) & B (Hi Z 450 ohm), CAT Interface Jack (4800/9600/57600 bps). The VR-5000 comes with the PA28B 117 VAC adapter and a DC power cord. This radio is only 7.1x2.75x8" 4.2 Lbs (180x70x203 mm 1.9 kg).
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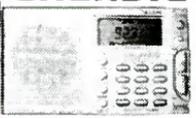
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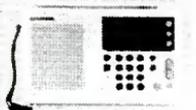


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NASA Notes

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

As we hit the peak of the DX season, let's not forget to continue to contribute to all our columns. It's the contributions from members that make the *Journal* the shortwave publication worth receiving month after month. With that in mind, let me suggest a few topics that would make interesting musings from members. Musings do not have to be long-winded pieces of journalism, hi! Short, informative material is the real goal of the musings column. Members love to read about new equipment, antenna experimentation, DXing techniques, DXing adventures and tips, etc. All that and more make fair game for an interesting musing. Please jot down some thoughts and send it along. Thanks!

Anker Petersen of the Danish Shortwave Club International has done a comparison on how well the *World Radio TV Handbook*, *Passport to World Band Radio* and the *Klingenfuss Super Frequency List* ("SFQL") compare based on listening to 100 randomly selected stations throughout the shortwave bands. Overall, it appears *Passport* and the SFQL (this is a CD-ROM, not a book) are comparable in the international broadcasting area with *Passport* holding a significant edge in domestic details. The *WRTH* is a distant third in each area. Personally, I rank *Passport* as the number one shortwave broadcast reference in terms of quality and price followed by the *Klingenfuss Shortwave Frequency Guide*. The *WRTH* is a distant third mainly because of accuracy problems. Anker's interesting analysis and comments can be read at www.dswci.dk and then click on DWSCI and Latest News.

Don't forget to order the special 22nd anniversary edition pennant from our good friends at **Radio Nuevo Mundo** (Takayuki Inoue Nozaki 18-11 Fuzimi-cho, Hachiojishi, Tokyo, 192-0044 JAPAN). The pennant's dimensions are 20 cm wide and 32 cm high with sky-blue and yellow lettering. Its price is US\$5.00 for overseas including shipping cost (cash is the only acceptable form of payment). Anyone interested in seeing the new pennant an image of it can be found at <http://donmoore.tripod.com/latindir/rnm/rnminfo.htm>

The European DX Council has elected **Luigi Cobisi**, Secretary General, and **Paolo Morandotti**, Assistant to the Secretary General, to head the organization for the next two years. Both gentlemen are from Italy. They replace **Risto Vähäkainu** and **Arto Mujunen** who were formerly serving in those roles, respectively. Veteran DXers **Anker Petersen** and **Kaj Bredahl Jørgensen** from Denmark were re-elected as auditors.

Have I mentioned that the *Country List and Awards* booklet is available online for downloading at our website in PDF format? I know, I know but I thought one final mention in this column was necessary to thank **John Herkimer** and webmaster **Ralph Brandi** for getting that done for the membership. Of course, paper fans can still obtain the *Country List and Awards* booklet direct from the Company Store for just US\$3.00 in North America or US\$5.00 overseas.

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

Our Motto is - "Unity and Friendship"

NASA

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

FRENEX: Twenty Five Years Ago....

Reports of the special transmission from VS18, Turks and Caicos Islands began appearing in the bulletin. Gilfer Associate's Perry Ferrell reports publisher delays in getting the 1976 WRTH off the presses. Consequently, it was not expected to be available in the US until February 20th. In the Shortwave Center, Jerry Lineback writes about geomagnetic predictions, Larry Magne provides some information about Israel Radio, and Richard Wood writes about how Austria uses reception reports from SWLs to determine frequency usage. In Bill Oliver's QSL Report, Sam Barto reports a verification from Libya after ten years of trying and Tom Gavaras reports a QSL from Nepal in a mere 750 days. Gavaras' first effort as Log Report c editor appeared.

Calendar Of Events

- Feb 16 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Feb 16 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 978-470-1971 or Internet: 74007.3434@compuserve.com. The URL for the BADX guys is <<http://www.anarc.org/naswa/badx/>>.
- Mar 9 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meet at the Lebanon Citizens National Bank on U.S. Route 42 in Mason at 7:00 PM. For more information contact Mark Meece at 513-743-8089 or e-mail at <mmeece@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- Mar 9-10 Convention. The 14th Annual Winter SWL Festival**, sponsored by NASWA, will be held in Kulpsville, Pennsylvania (Exit 31 on the Northeast Extension of the Pennsylvania Turnpike). Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!
- Mar '01 Contest. 2001 North American DX Championships.** For further information you can send a self-addressed stamped envelope to 2001 NADXC, c/o Dr. Harold Cones, 2 Whits Court, Newport News, VA 23606. Rules will also be posted eventually at <<http://www.anarc.org/>>, and are published in the Awards column in the Journal.
- Jul'01 Convention. The 2001 WTFDA Convention** will be held in Boise ID at the Owyhee Plaza Hotel from 27-29 July. More details to come. Inquires can be sent to: N7SOK@aol.com or by writing to 4096 Marcia Place, Boise ID 83704.
- Aug '01 Conference. The annual EDXC Conference** is scheduled to be held from 24-27 August 2001 in Budapest, Hungry. All DXers, shortwave listeners, international broadcasters and other radio enthusiasts are cordially invited to attend. Additional information is available from risto.vahakainu@helsinki.fi.
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).
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Musings

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

Scott Gentry <pizzadxer@yahoo.com>

Hey, I added a notebook computer to my shack recently. So now I got myself online and can torture everyone with my e-mailings now (ha-ha). By the way, thanx for publishing my musings a few months back. I had no idea my info letter would make it into Contact or NASWA Journal, and was quite surprised (we are full of surprises around here—RAD). And because of it, I made some new DX friends such as Doug Sharrard and Jack Linonis. Great couple of DXers they are. Speaking of DX friends, I can't wait till the next SWL Winterfest to see everyone again. That Fest is such a blast! I had such a great time these past couple of years there. Man, what a lot of fun! Are you going again this time? Maybe I'll run into you again there.

Have you checked out *Cyber Shortwave Live* yet on Live365.com? It's on Sunday mornings at 1600 UTC. They also have live chat going on during the show on SWL Chat. I just love it! Maybe I will see you in there sometime.

73s and the best of DX, Scott

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

In recent months I have added a couple of new pieces of equipment to the shack as a result of some columns written by Alan Johnson. I have added a pair of Koss Pro-4AA headphones thanks to a successful bid on eBay. Although one ear wasn't working, my engineering son, Adam, managed to fix it rather easily. A small payback for the thousands of dollars his college education coats but at least it is a payback. Next I purchased a RF Systems Mini-Window antenna from Universal Radio. I have been quite pleased with its performance. Having a second antenna choice has been very helpful in certain DXing situations. It really is a low-noise antenna. I have it installed in my attic away from computer generated noise. Finally, for very mobile DXing situations, i.e. visits to the in-laws, I have picked up a pair of Telex 610 headphones. Although very inexpensive, they do a nice job. My thanks to Alan for some great suggestions that appeared in various *Equipment Review* columns in 2000 that resulted in a mini shopping spree before the holidays.

73—RAD

Bob Raymond, NE1I, DXtreme Software <bob.raymond@dxtreme.com>, www.dxtreme.com

Thanks very much for including our DXtreme RL 2000 press release in the December issue of the NASWA Journal. We hope that many DXers will find that our software enhances their DXing experience.

We have introduced a free Quarterly Prize Giveaway on our Web page, as mentioned in NASWebLog. One of the prizes we are offering is a one-year membership in NASWA. It would

Contribute!

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

be nice if the Giveaway resulted in additional members for NASWA and more customers for DXtreme. Even if it doesn't, it is fun picking the winner and then writing to him or her with the good news!

Thanks again and please keep up the good work with the NASWA Journal. Every issue is "another good one" in my opinion. I shudder to think what DXing would be like without NASWA. To paraphrase a famous Vulcan, may NASWA "live long and prosper."

73, Bob

Richard Cuff, 327 Springhouse Road, Apt. 102, Allentown, PA 18104
[<rdcuff@sprintmail.com>](mailto:rdcuff@sprintmail.com)

You know what? I'm psyched. The Winter SWL Festival is about 5 weeks away as you read this, and this is shaping up to be a great weekend of radio fun. Most of the preparations are complete, so in some ways I feel like a political candidate on election night, watching the returns (in this case, registrations) arrive. Please—if you are planning to join us for the 'Fest, get your registration in as soon as possible. This helps us immensely in knowing what our raffle prize budget is, and allows us to purchase supplies ahead of time. Another reason not to delay your registration: Hotel space, if you're from out of town, appears to be going fast.

We are still looking for help managing the Hospitality Room. John Figliozzi and I used to handle that task until we accepted the mantle of "Co-Festmeisters", and Tracy Wood, who helped out last year, is focusing on other areas this year. It would be a great help if someone takes over the responsibility for keeping the Hospitality Room stocked with beverages and munchies. We already have a couple helpers lined up, but we'd love for someone to take charge.

If you are planning to join us in Kulpsville, and would be able to help us in this key area, please drop either John or me an E-mail or snail mail, or call me at 610-393-7104.

See you next month!

73—Richard "co-Festmeister" Cuff

NOTICE: This issue does not contain the "Listeners Notebook" which normally appears monthly. Al Quaglieri had computer problems on the road and was unable to file his column. Look for "Listeners Notebook" next month. We're sorry for any inconvenience.

Easy Listening

Richard D. Cuff • 327 Springhouse Road, Apt. 102 • Allentown, PA 18104 • rdcuff@sprintmail.com

Don't Count Shortwave Out Just Yet

I saw four indirectly related items over the past few days that show signs that shortwave listening, even here in the high tech USA, still has merit. To wit:

Item 1: New Dimensions Rents Time on Merlin Shortwave Transmitters—You've seen me occasionally mention **New Dimensions** as an interview program airing on **Radio Australia** and **Radio for Peace International** on shortwave. Now the New Dimensions folks have bought airtime from Merlin for European and North American target audiences. The schedule:

To Europe, Saturdays, 1500 UT, 6175 kHz
To North America, Sundays, 0300 UT, 9430 kHz

It is interesting to see an US-based organization, already present via public radio and webcasting, seek to target a US audience via shortwave. I hope to have some additional insight from New Dimensions regarding their shortwave activities in a future column.

Item 2: Radio Canada International says 85% of responses to an online survey listen to RCI primarily via shortwave radio—Larry Nebron passed along these results from one of RCI's ongoing nonscientific web polls. What's interesting is that this survey was among Internet visitors to RCI's site. One might have expected that these respondents were likely listening to RCI via webcast, just because this was an Internet-based survey; not so. Another reason one might have expected a lower percentage for shortwave is that most of RCI's output is beamed towards the USA, and Internet penetration is the World's highest.

Item 3: Merlin Communications' marketing materials speak of a "resurgence in shortwave listening"—Yes, I know it's just marketing palaver, but this information is consistent with the state of shortwave radio sales as documented by Larry Magne in the 2001 edition of *Passport to World Band Radio*. Why are we seeing this resurgence? What is fueling it? Your intrepid editor is looking for answers, including a dialogue with Merlin; perhaps (WARNING! SHAMELESS PLUG!) we'll have some time to debate the reasons at the Winter SWL Festival.

Item 4: Sony's North American representative for world band radios asks why shortwave is rebounding in the USA—This conversation also came up while he & I were discussing the Winter SWL Festival. My contact asked me why I felt this resurgence was occurring—so it's clear Sony is intrigued by these developments as well. If you have ideas as to why this is so—I'd love to hear your insight via the usual feedback mechanisms.

Radio Netherlands

Conspiracy theories?

Well, not exactly. Another non-NASWA columnist counted faces in the Fall/Winter issue of *On Target* versus the Spring/Summer issue, and wondered aloud regarding the absence of several staff members, speculating that people were jumping ship left and right. Alas, as usual, the truth isn't as interesting as speculation. Turns out that the Fall/Winter picture was taken at an outing, and some folks couldn't participate due to prior commitments.

Rest assured there are plenty of reasons to continue to listen to **Radio Netherlands**; for example, here's a preview of upcoming documentaries.

February 8th/9th: **Hip Hop: Global Youth Empowerment**—From New York to Nagasaki, from Amsterdam to Auckland, and don't forget Djakarta to Dar Es Salaam, hiphop music is gaining in popularity. While the media focuses on the aggressive lyrics that glorify violence and wealth and negate women, there's a lot more to hiphop. It's an educational medium. Commercially successful artists such as Lauryn Hill, The Roots, Mos Def and Talib Kweli are bringing new messages and positive role models to millions of hiphop fans around the world. Reza Kartosen looks at the universal subculture of hiphop, its roots and reality.

February 15th/16th: **The Dutch Canadian Dream**—In the 1950s, tens of thousands of Dutch farmers emigrated to Canada. In recent years, there has been a renewed wave of immigration to the wide open spaces of North America, far from the taxes and fences of the densely populated Netherlands. Martha Hawley travels to Canada to find out whether it is still a Dutchman's dream and the 'land of opportunity'.

February 22nd/23rd: **Architecture In A Small Land**—Home is where the heart is, but here in the Netherlands, that might be all there's room for! In this country of skinny bridges, teetering canal houses and postage-stamp-sized gardens, the efficient use of space is absolutely essential. Dutch architects have always been ingenious, building dream houses for a practical people. But in recent years, they've also earned a world-class reputation for innovation and daring. Ann-Marie Michel surveys architectural trends in the last hundred years, and takes a peek inside the Dutch House.

March 1st/2nd: **A Prince in Pernambuco**—In 1630, Prince Maurits of Nassau was appointed governor of New Holland, the Dutch colony in Brazil. He brought with him 46 scholars, scientists, artists and craftsmen. During their 25-year tenure around the north-eastern port of

Recife, they studied and drew the region's plants, animals and peoples. Maurits was a humanitarian leader who even built an astronomical observatory there. But, as David Swatling discovers, a dark chapter in Dutch history was also unfolding—the rise of the slave trade.

Voice of Russia: The Perils of Politics

John Figliozzi passed along the following E-mail message he received from the Voice of Russia:

Dear <your name goes here>: NATO extensively used armor-piercing ammunition with elements of depleted uranium in the course of its military campaigns against Iraq in 1991, against the Bosnian Serbs in 1994 and 95 and against Federal Yugoslavia in 1999. The material is weakly radioactive and highly toxic into the bargain. This deadly combination damages the natural environment and can cause cancers in humans. We would appreciate getting your opinion on this much-publicized trouble. Please fill in the following questionnaire, by marking the right answers (points 1, 2 and 3) and formulating answers...

Interestingly, the E-mail was signed "The Russian State Radio Company—The Voice of Russia." This was a subtle hint that the government was behind the questionnaire. You may remember that the Voice of Russia had to agree to be a mouthpiece of state policy to continue its funding, but this clearly crossed the line of journalistic integrity, in your editor's opinion.

Radio Australia Changes

The aforementioned Mr. Figliozzi also passed along some upcoming schedule changes to **Radio Australia**, which took effect in late January:

Asia Pacific adds Sunday to Thursday at 2310 UT and Monday to Friday at 0010 UT.

Weekday features at 0110 UT are: Mondays, *AWAYE*; Tuesdays, *The Science Show*; Wednesdays, *The National Interest*; Thursdays, *Background Briefing*; Fridays, *Hindsight*.

Report programs at 0130 UT are: Mondays, *The Health Report*; Tuesdays, *The Law Report*; Wednesdays, *The Religion Report*; Thursdays, *The Media Report*; Fridays, *The Sports Factor*.

The *Margaret Throsby Interview* will disappear from the schedule at this time, and as things stand at the moment will only be heard once a week on Tuesday at 1605 UT, replacing *Music Deli*. Unfortunately, Radio Australia can no longer broadcast *Music Deli* in its extended Radio National version because of copyright problems.

Other general weekday modifications include:

0210—*The World Today*

0310—*Sport*

0320—*Pacific Focus*

0340—Music program, Mondays, *Australian Music Show*; Tuesdays, *Music Deli*; Wednesdays, *Blacktracker*; Thursdays, *Oz Country Style*; Fridays, *Music Deli* (shortened version)

0410—*The World Today*

0510—*Pacific Beat*

0530—*Sport*

0540—*Pacific Beat*

0610—*Sport*

0620—*Pacific Focus*

0640—Music program, same as 0340 schedule shown above.

John cautions that there will likely be a series of rolling changes in Radio Australia's schedule in the weeks and months ahead, as the ABC wrestles with budget difficulties and general upheaval. For example, the arts programming budget has been greatly reduced, and other programs from Radio National—the programming source for most Radio Australia programming—are likely to be axed. If you have Internet access, John publicizes

this information in the *swprograms* programming discussion E-mail group as well as other outlets.

BBC World Service Highlights

News and General Features

Mondays 0330, February 5th and 12th—*Assignment* airs a two-part special from Punjab, India, where separatist movements continue to threaten India's fragile fabric. India's challenges in coping with the competing demands of its varied peoples are addressed.

Fridays 2330, Saturdays 1305, and Sundays 0430—*Global Business* looks at scientific and visionary assessments of where computing technology will be 50 years out. (Given how much we missed in the 20th Century, I'd question the accuracy of such long-term prognostications...)

Saturdays, 0120, and Tuesdays, 1530, beginning February 10th—*The Essential Guide* program slot features a five-part weekly series entitled *Goodbye Village, Hello City* investigates the global movement from rural living to urban living. Demographers now believe that, for the first time, more people live in urban areas than in rural areas. The social and economic implications of this phenomenon are considered.

Fridays 0230 and Mondays 1530, through February 27th—*The People and Places* time slot features a tandem series, *Speaking Lives* and *The Way We Are*. In *Speaking Lives*, people from different countries share a common ambition or experience. *The Way We Are* looks at changes in everyday British life, with an unedited, extemporaneous discussion on the week's British news stories.

Wednesdays, 0045 and Thursdays, 0430—*The E Files* continues to explore what happens when English is used as the international language of health, development, business, and entertain-

ment. Why does communication using English break down and how can future misunderstandings be avoided?

Tuesdays, 0405 and Fridays, 0630, beginning February 6th—the *Omnibus* time slot features a four-part series entitled *Global Perspective* in which radio stations from various countries explore environmental and climatic issues from their specific perspectives.

Sports

Thursdays, 0205 and Fridays, 1505—*Sports International* features an advance look at the Salt Lake City Olympics in the February 15th/16th program; an interesting look at regional sports preferences entitled *Sporting Passions* airs the following two weeks. Why do Canadians love curling while Americans love baseball? Just might find out in this series.

Science and Technology

Saturdays 0205 and Tuesdays 1505, beginning February 10th—*Discovery* takes a three-part look at dominant technologies and why they've stayed that way. For example, the internal combustion engine still dominates road transport; keyboards dominate computer interfaces. The future alternatives for these dominant technologies are perused and evaluated.

Saturdays, 0045 and Tuesdays, 0430, beginning February 17th—The *Body and Mind* timeslot begins a new six-part run of *Health Check*, a weekly look at health news from around the world.

Religion and Spirituality

Tuesdays 0045 and Wednesdays 0430, beginning February 20th—*Food For Thought* is a new four-part series focusing on the strong connections many foods have with the soul or spirit, be they kosher foods in St. Petersburg, Russia; sacred wine in Cyprus; or, canu, the sacred drink of Mozambique.

Thursdays 0045 and Fridays 0430, beginning February 15th—*Reclaiming Roots* is a new three-part feature in the *Heart*

and *Soul* program block. This program profiles three people who have searched for their spiritual and cultural roots through an unusual media. In the first program a British poet of Nigerian extraction rediscovers her Yoruba heritage via her writing, reclaiming her past for herself and her daughter.

Radio Taipei International

Over the past year, **Radio Taipei International** has added to their English language program content—no longer is the 0300 program simply a repeat of the prior day's 0200 program.

Selected programs and their North American evening timings:

Jade Bells and Bamboo Pipes, one of my favorite folk music programs, Mondays 0215

Trends, Tuesdays 0230 and 0330

Life Unusual, Thursdays 0230 and 0330

East Meets West, Fridays 0230

In addition, a live webcast from RTI is now available daily at 0700 UT, not exactly a convenient time, at URL <http://www.cbs.org.tw/realaudio/cbs3.ram>. Selected programs are available for download at URL <http://www.cbs.org.tw/special/languages/english.htm>. I am not yet sure if this is a rotating or static list.

Feedback, please

While we won't be featuring a programming-specific forum at the Winter SWL Festival, I would enjoy meeting up with as many of you as possible to find out how this column can best aid your enjoyment of shortwave radio and international broadcasting. Perhaps the best place to find me is at the registration table or enjoying a beverage in the Hospitality Room. Hope to see many of you in Kulpsville!

Until next month,

73 DE Richard



Shortwave Center

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

DX Target: UN Radio: A Return to the Shortwave Bands

By Richard A. D'Angelo

Shortly before the 6-8 September 2000 Millennium Summit at the United Nations ("UN") Headquarters in New York City, David Smith—who as the former director of Radio MINURCA was last seen setting up and operating the Central African Republic station on 9,900 kHz—contacted a number of folks in the shortwave radio community about upcoming shortwave broadcasts by UN Radio. Mr. Smith was now at United Nations Headquarters in New York City. UN Radio has not been a regular on the shortwave bands since 1985 although there have been occasional shortwave transmissions noted sporadically during the last 15 years. Beginning 4 September 2000, UN Radio launched a live pilot program to Africa via the facilities of Merlin Communications. These broadcasts signaled the return of UN Radio to shortwave.

The purpose of UN Radio has not changed since it was founded in 1946. Its goals are to promote the universal ideals of the United Nations, including peace, respect for human rights, gender equality, tolerance, and the upholding of international laws. What has changed over the years is the medium used to carry the message. In recent years, UN Radio has used the Internet to disseminate high-quality broadcasts around the world. New technology has made it possible to transmit audio files through computers via the Internet. UN Radio is a unique broadcasting organization because it does not own or operate transmitters of its own. However, with its return to the medium of shortwave broadcasting, UN Radio is in many respects returning to its roots.

The Early Years

Established in 1946, UN Radio began broadcasting news bulletins and feature programs in its five official languages—Chinese, English, French, Russian and Spanish—for 9 to 12 hours a per day. From 1950 to 1959, UN Radio broadcast for more than six hours daily in 33 languages with about another 100 countries and territories rebroadcasting its programs on a regular basis. In 1974, Arabic was added to the line up.

Since it did not own or operate its own broadcast facilities, UN Radio made arrangements with leading broadcast organizations to relay its programs to different regions of the world. In 1946, the International Broadcasting Division of the United States Department of State transmitted the entire proceedings of the Security Council and the Economic and Social Council on shortwave to the rest of the world. The European Service of the British Broadcasting Corporation also relayed these broadcasts.

The Middle Years

From 1960 through 1979 UN Radio programs consisted of shortwave transmissions of the proceedings of meetings at UN Headquarters for rebroadcast or monitoring by national organizations. News bulletins in the now official six languages were also a prominent feature of these transmissions. Also, the UN Radio provided news bulletins, news summaries, features and documentary programs in 33 languages to 162 countries and territories.

UN Radio utilized transmitters leased from France, Italy, Switzerland, and the United

States. In 1963, facilities were obtained on transmitters with considerably greater power and effectiveness in reaching Africa, Europe, Latin America, the Middle East and parts of South East Asia.

The Later Years

In the mid-1980's, UN Radio was producing over 2,000 hours of programs a year in 25 languages and serving 167 countries and territories. Its shortwave programs accounted for about 760 hours of airtime annually. At the end of 1985, shortwave broadcasts were suspended due to the sudden rise in transmission charges. Alternative distribution methods were explored and put into place with broadcasters in Asia, Africa, Latin America, and the Caribbean. UN Radio program production and distribution became more dependent on taped programs as opposed to direct shortwave broadcasting. By 1997, total distribution of tapes and cassettes reached over 200,000 a year.

UN radio gained considerable worldwide recognition in peacekeeping operations. The cost-effectiveness and outreach capability of broadcast radio information played a key role in supporting the operation of UN missions in Angola, Cambodia, Bosnia and Herzegovina, Haiti and Namibia. In these operations, UN Radio provided staffing and

program resources, as well as technical support. Field reports, news and feature programs on peacekeeping and humanitarian affairs have also become a staple of UN Radio programs.

UN Radio Today

Today the output of UN Radio consists of some 1,200 features and documentaries a year that are distributed worldwide to 185 countries and about 2,000 broadcasting facilities in 15 languages—Arabic, Bengali, Chinese, Dutch/Papiamentu, English, French, French-Creole, Hindi, Indonesia, Kiswahili, Portuguese, Russian, Spanish, Turkish, and Urdu. In April 1997, UN Radio organized the first ever-live one-hour international broadcast featuring the UN Secretary-General.

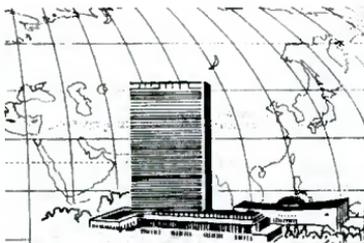
As mentioned previously, by providing staffing and program resources and technical support, UN Radio has gained recognition in peacekeeping operations supporting the operation of UN missions around the globe. Its news and features programs are an important part of its programming efforts.

Building upon its past experience, UN Radio restored shortwave radio service to Africa, Asia and Europe in Arabic, English, and French. Here is the current UN Radio Shortwave Frequencies and Transmitter Schedule:

Transmission

Language	Transmitter Site	Frequency	Time (UTC)	Target Area
French	Meyerton	6120	1700-1715	Madagascar
French	Meyerton	21490	1700-1715	Kinshasa
French	Skelton	17580	1700-1715	West Africa
English	Wooferton	15265	1730-1745	East Africa
English	Meyerton	6125	1730-1745	South Africa
English	Ascension	17710	1730-1745	Nigeria
Arabic	Skelton	17565	1830-1845	Morocco/Algeria
Arabic	Wooferton	15265	1830-1845	Cairo

Each 15-minute program includes five minutes of world news, a three-minute in depth report on one of the main items in the news, and two three-minute features targeted to various geographic regions and focusing on issues including gender, environment, health and development. Merlin will also carry these programs, along with UN Radio broadcasts in Chinese, Russian, and Spanish, on satellite for broadcast to partner stations around the world.



UN Radio

الأمم المتحدة - الأمم المتحدة - 聯合國
United Nations Radio - La Radio des Nations Unies
Радио Организации Объединенных Наций
La Radio de las Naciones Unidas

Thanks

Richard D'Angelo

for the report on a United Nations broadcast

on 4 September 1999 1730-1745 UTC

on 1534.5 MHz

via WAFB/FA

the details of which are correct

UN RADIO - NEW YORK, NY 10017 USA

a world map are currently being used to confirm listener reception reports. These reports can be sent to him electronically at or by FAX (+1-212-963-1307) or by postal mail to:

David Smith
UN Radio
Secretariat Building
Room S-850-M
New York, NY 10017

Good luck with this DX Target. As usual, please remember to send all logs of UN Radio receptions to the Wally Treibel for inclusion in the International Log Report and those classic United Nations Building verifications to Sam Barto for the QSL Report column. Good luck with this DX Target.

Thanks to the efforts of David Smith, UN Radio is an excellent verifier of listener reception reports. Ancient UN Radio QSL verification cards featuring the United Nations Building in New York City over a portion of

international Log Report and those classic United Nations Building verifications to Sam Barto for the QSL Report column. Good luck with this DX Target.

Summary of the Sixth Annual Meeting of Mexican DXers

by Jeff White, Radio Miami International

via Electronic DX Press

The sixth annual Meeting (or "Encuentro," as they call it in Spanish) of Mexican DXers and Shortwave Listeners, held August 4-6 in the southern city of Oaxaca, was almost a "sacred" experience. It took place in the Santo Domingo Cultural Center, which is part of the ex-Convent of Santo Domingo, located immediately adjacent to the famous Santo Domingo Church, one of the most spectacular colonial churches in Oaxaca and all of Mexico. The Cultural Center now houses a modern art museum, and if you walked through the museum area, around an inner courtyard, through another doorway and down a flight of stairs you would come to the air-conditioned, almost cave-like meeting hall where the shortwave event took place.

It was really a miracle that this meeting took place at all. At last year's Mexican National DX Meeting in August of 1999, the member clubs voted to accept Gerardo Iraizos' bid to hold the 2000 Meeting in Oaxaca. Tragically, less than two weeks after the 1999 meeting ended, Gerardo Iraizos was killed in a traffic accident. But the Iraizos family—some of whom are also shortwave listeners—soon announced that they were determined to organize the Oaxaca DX meeting in 2000 as a memorial to Gerardo. Several family members participated in the organization, including Gerardo's son Amilcar in Oaxaca and his son Martin and daughter-in-law Thalia in Mexico City.

In the end, over 70 persons from throughout Mexico and as far away as New York, Denmark and Ecuador attended the event. The Santo Domingo Cultural Center is located in

the downtown historical district of Oaxaca, not far from the bustling "zocalo," or main plaza, which is surrounded by the Cathedral, hotels, small stores and outdoor restaurants. Especially at night, the zocalo comes alive with marimba and mariachi music, religious celebrations and vendors selling a wide variety of handicrafts from around Oaxaca, such as the famous black ceramic pottery of the region.

It is the human contact
which is generally
the most enjoyable aspect
of these Mexican national DX
meetings. Beyond the
seminars and lectures,
the personal contact
creates friendships that
last for many years. Most of
those who attend the Mexican
DX meetings have
very limited financial resources.
Some spend several weeks'
worth of salary to travel to the
event, showing their
great dedication to the hobby.

Most of the meeting participants made their way to Oaxaca on Friday, arriving in time for the late-afternoon opening sessions. Rafael Grajeda, of the Veracruz-based Society of Radio-listening Engineers (SIR), gave a presentation about aeronautical utility station DXing. This was followed by a philosophical lecture about the meaning of radio by Cesar Fernandez, president of the SIR. At night, the action shifted mostly to the zocalo, with some persons attending an impressive show of folkloric music and dance from around the state of Oaxaca at the Monte Alban Hotel.

On Saturday morning, the first speaker was Pepe Gonzalez, a well-known DXer and singer of children's songs, who unveiled his new book about the history of shortwave radio in Mexico. An impressive guide full of history, data and pictures, the book is the only one of its kind and has instantly become an important historical archive. (More information on how to obtain the book—which costs about US\$7—is available from Pepe Gonzalez by e-mail at: iyoco@gorsa.net.mx.) Other presentations on Saturday morning were by the director of Radio Educación (about their experience with separate programming on the AM and shortwave frequencies of the station) and Radio Miami International (a video of our recent visit to international broadcasters throughout Asia). Next was a walking tour to the nearby Philatelic Museum of Oaxaca, the only one of its kind in Mexico. The director, Alejandra Mora, gave DXers a personal tour of the museum, pointing out that DXers use the international mail services so much that they often become stamp collectors as well.

After a break for lunch, Roger Chambers—a U.S. DXer from New York—spoke about the DX Edge and tropical band DXing. Then Allen Graham, host of the popular DX Partyline program on HCJB Radio in Quito, Ecuador, talked about developments at his station. The final presentation of the day was in English (with simultaneous translation into Spanish) by Anker Petersen of the Danish Shortwave Club International, who told the Mexican DXers about the Danish club's experiences with the Internet and its influence on shortwave clubs (see the November 2000 swc). His message was clear: In Europe, DXers have more and more access to the Internet and they are spending more and more time on it. A wealth of timely DX information is available for free on Internet sites maintained by clubs and stations, and DX clubs have found it necessary to produce electronic DX bulletins in addition to their printed publications. This seems to be the wave of the near future in Europe, but it may be quite some time before regular Internet access by most Mexican DXers becomes commonplace.

Several broadcasters donated souvenir items to a raffle which was held. The local Radio Shack store, which had an exhibit booth at the Encuentro, donated a shortwave receiver to the raffle as the grand prize. The winner was Porfirio Mendez, head of "DX-Istmo," a club based in the Istmo region of southern Oaxaca state. And DX-Istmo became the newest member (#5) of the Mexican DX clubs which organize these annual Encuentros. The day ended with a "DX Night" where participants brought their shortwave receivers and pulled in some exotic stations from Africa among other places.

After a late night of DXing, the meeting participants continued Sunday morning with a talk by Julian Santiago of Mexico City about a new Spanish-language DX program he is hosting on the shortwave frequency of Radio Mil (6010 kHz) and about some audience research he has been doing. More meaty issues were tackled in a presentation about the challenge of getting more women interested in shortwave listening, and representatives of Radio Mexico International talked about the future of shortwave broadcasting and their campaign to promote awareness of shortwave radio among the general public in Mexico. Dramatically, just as the meeting was coming to an end, an e-mail message was received from Jose Ruben Rivera in Guanajuato (some 360 kilometers northwest of Mexico City) accepting the organization of the Seventh Meeting of Mexican DXers and Shortwave Listeners, to be held in his city in August of 2001. Guanajuato, he explained, is another colonial town rich with cultural treasures, museums, churches and much more items of interest to the tourist.

After the official closing of the Meeting, a majority of the attendees stayed on to take a four-hour bus tour to the ancient Zapotec ruins of Monte Alban on the outskirts of Oaxaca. One could marvel at the pyramids, tombs and ball courts composing this city which flourished from around 700 BC to 700 AD. And it was certainly enjoyable to tour this piece of history together with radio

colleagues from throughout Mexico and beyond. In fact, it is the human contact which is generally the most enjoyable aspect of these Mexican national DX meetings. Beyond the seminars and lectures, the personal

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.....

contact creates friendships that last for many years. Most of those who attend the Mexican DX meetings have very limited financial resources. Some spend several weeks' worth of salary to travel to the event, showing their great dedication to the hobby. Until now, there has never been a registration fee for the Encuentros; everyone just pays their own transportation, lodging and meals. Local governments have provided the meeting places free of charge or at very low cost, and the organizers have paid most of the expenses out of their own pockets. That will change next year, as the clubs voted to institute a 50-peso-per-person registration fee. (That's about 5 U.S. dollars.)

More details should be available about the Encuentro 2001 in Guanajuato during the next few months. Those who would like to receive complete details when they become available can send an e-mail to: info@wrmi.net.

European Beacon

Via Rich D'Angelo

It was a pleasure to receive your email today reporting reception of the European Beacon in Pennsylvania. I'm happy to confirm your reception at the times and frequency you reported.

The World Beacon is owned and operated by our company, Affiliated Broadcasting Corporation. We are headquartered here in Jacksonville, Florida, with offices in major North American Cities, The West Indies, Great Britain and South Africa. Our sister corporation, Affiliated Media Group, is one of the largest Christian advertising agencies in the world, providing media and public relations services to major ministries, philanthropic organizations and Christian musical acts. In addition to radio, we control large blocks of television time and magazine space around the world, which we provide to our clients to further their mission activities.

The idea for the World Beacon was born five years ago when my partner, Affiliated Founder and CEO Ray Davis, visited Trinidad and Tobago. Our clients had a desire to do mission work across the globe but did not have a single source to help them develop and broadcast radio programs.

We lease transmitter time to facilitate our broadcasts. The broadcast you heard came from the BBC transmitter located in Skelton, England. We also have a 7 MHz facility in Krasnodar, Russia. Times and frequencies for the European Beacon are as follows. All times are UTC:

1600-1800 15455 kHz—Skelton
1800-2000 15585 kHz—Skelton
1900-2200 7360 kHz—Krasnodar

The African Beacon broadcasts on 9675 kHz from a transmitter in Rampisham, England. It's a 500 kw unit beamed South toward the African continent. We also have a series of transmitters by Sentec in Meyerton South Africa, broadcasting daily from 1600-1800 UTC on 6145 kHz, 1800-2200 on 3230 kHz and from 1900-2200 on 5925 kHz. These frequencies may be harder to hear from our area.

We have separate, limited edition QSL cards which we mail to listeners of each Beacon service. The European Beacon cards are currently being printed. You should receive yours soon!

We have recently moved to a new facility here in Jacksonville, Florida. We will also be increasing the bandwidth of our link between Jacksonville and ondon in the near future, which should significantly improve the audio quality you receive.

We share the same history as short wave listeners, my first receiver was an International Cadet, which my uncle helped design and build. It was already an antique when I got hold of it 30 years ago! Along the way I've used receivers by Lafayette, Zenith, Drake and Kenwood, always with the same venerable long wire antenna you use. Congratulations on sticking with the hobby for three decades. Your QSL collection must be fantastic. You might enjoy visiting Jerry Berg's website www.ontheshortwaves.com. He has a great section on QSLs and is chairman of the Committee to Preserve Radio Verifications. I just finished reading his book, *On The Shortwaves*, an outstanding history of the first fifty years of shortwave broadcasting. If you haven't yet found us on the web, we invite you to visit www.worldbeacon.net. The site has a full broadcast schedule and information on our DXQSL listener appreciation program (along with an MP3 link so you can hear the most recent broadcast).

I appreciate any additional feedback you may wish to share on reception of other World Beacon frequencies. I've heard from listeners on the east coast and as far west as Kansas. You're the first to report from PA.

Thanks again for your note and best wishes from all of us at the World Beacon.

Scott Westerman
President
The World Beacon
www.worldbeacon.net



Technical Topics

Joe Buch N2JB • P.O. Box 1552 • Ocean View, DE 19970-1552 • joseph.buch@dol.net

The Pennant Antenna

Last century I presented the theory and some practical examples of how you might build a unidirectional, low-noise loop for DXing the lower HF and MW frequencies. You may remember that the antenna combined elements of a loop and a grounded vertical along with a terminating resistor to provide a cardioid directional pattern. One of the problems encountered by users of this antenna is that it is sensitive to variations in ground conductivity.

The efficiency of the part of the antenna that simulates a grounded vertical depends upon the size and efficiency of the ground connection. In the grounded vertical, the missing half of the dipole is provided in the earth through a ground connection via a radial wire network. We know that ground conductivity can vary with soil moisture content. The part of the antenna that simulates the vertical grounded antenna has a variable efficiency depending on when it last rained or whether there is snow on the ground.

The effectiveness of the cardioid pattern loop is a function of the phase and amplitude balance that is maintained between the two parts of the antenna. The part that acts like a terminated loop must be balanced against the part that simulates a vertical ground plane. If this balance is not maintained, the null depth off the back of the antenna pattern will degrade. Practical antenna designs address this problem by providing a remotely controlled, variable-termination resistor. The resistance is controlled via a variable DC voltage that is adjusted by the receiver operator to maximize the null depth as ground conditions change. The need to make such adjustments complicates the design and raises the cost of such antennas. The pennant antenna is designed to overcome this disadvantage.

Antenna simulation programs are wonderful tools. One of the most popular among technically inclined amateur radio operators is EZNEC. This program allows experimenters to play with the parameters of imaginary antennas and quickly see the results on their computer screens. At least in the theoretical design phase, there is no longer a need for expensive antenna ranges, towers, or big plots of real estate. Using this program, anyone can become an antenna designer. It was just such an experimenter who evolved the next step in the evolution of terminated loop antennas.

Spanish radio amateur, Jose Mata EA3VY first described the pennant, and its sibling the flag antenna. (Contrary to what Dr. DX will tell you, amateur radio operators do have last names. They are known worldwide only by their first name and call sign but are not really required to relinquish their last names in trade for a license.) Jose decided to try to find a design that would be immune to pattern variations with changing ground conductivity.

Jose knew the earlier designs, like the EWE and the K9AY loop, used vertical members that depended upon the ground to complete the missing half of the dipole. Jose thought that a terminated loop with a vertical dipole element instead of a ground plane might provide the basis of a design that would provide the desired immunity to ground conductivity variations. He got to work on his computer using EZNEC to model various configurations. He communicated his results in January 1998 to Earl Cunningham, K6SE. Together they authored an article in the Spanish edition of CQ Magazine entitled "Banderas y Gallardetes" in September 1998.

Earl continued to manipulate the dimensions of the pennant in his computer model

until he found what he considered to be an optimal design. A sketch is shown in Figure 1.

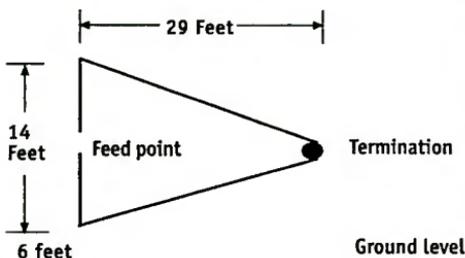


Figure 1 The optimally dimensioned pennant antenna provides a deep rearward null that is not influenced by ground conductivity or height above ground.

The dimensions shown provide a non-resonant antenna with a feed point impedance of about 900 ohms from 1.8 to 7 MHz while maintaining a rearward null of up to 37 dB. The terminating resistor is a 860 ohms non-inductive type. Varying the ground conductivity, using the simulation software, from very poor to very good showed the null and pattern to be virtually unchanged. Similarly varying the height of the antenna above ground had no effect on the pattern or impedance.

In order to match this antenna to coaxial cable, some kind of a broadband ferrite core transformer is necessary. A transformer consisting of 8 turns of primary wire on a Palomar FT-140-43 core and 34 turns on the secondary will provide a good match to 50 ohm coax. If the better shielding of 75 ohm RG-6 cable is desired, change the secondary to 28 turns. A common mode choke consisting of a ferrite isolator should also be used to keep common mode currents on the feedline from degrading the null depth.

Cunningham recently described the results of his design work in the July 2000 issue of *QST* magazine. He found that he could interchange the feed point and the termination to reverse the direction of the null. Attempts to cluster several pennant antennas were less than successful when the vertical

parts were close together. Mutual coupling between the parallel vertical elements caused a transfer of energy between the antennas and filled in the nulls. Turning the pennants around so they are fed at the points via a double pole, double throw switch, as shown in Figure 2, allows the directional pattern to be remotely reversed.

Little degradation of the nulls occurs because the floating antenna is non-resonant and is physically separated from the active antenna.

I recommend that anyone interested in building such an antenna or one of its variations read the *QST* article. It has lots of pattern plots and design information on other loop shapes you may wish to experiment with.

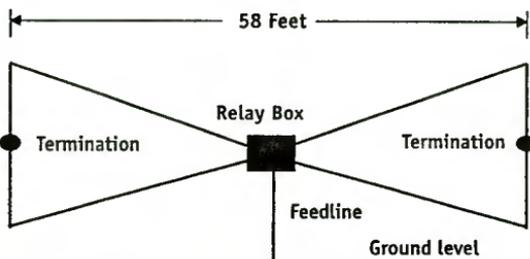


Figure 2 Two or more pennant antennas can be switched to provide different directional beams.

You should realize by now that you don't get something for nothing. This antenna is very inefficient as are all small, terminated loops. You should plan on running a low noise amplifier like the Kiwa unit to allow your receiver to hear down to the atmospheric noise level. I would suggest you locate the preamplifier near your receiver in order to avoid possible feedback from the preamp output to the antenna.

If you would like to play with your own variations of the terminated loop, the EZNEC software is available from Roy Lewallen, W7EL, PO Box 6858, Beaverton, OR 97007; e-mail w7el@teleport.com; telephone 503-646-2885.

Until next time, stay tuned (or stay non-resonant if you so prefer).



Equipment Reviews

Alan Johnson • 2490 Sharon Way • Reno, NV 89509 • alanjohnson@gbis.com

The MFJ-616 Speech Intelligibility Enhancer

The MFJ-616 Speech Intelligibility Enhancer is an outboard audio processing device that is designed to permit compensation for the varying audio characteristics of different radios, different listeners and different signals. It was originally designed to allow MFJ's owner, Martin Jue, to compensate for aging-related changes in his hearing that were interfering with his enjoyment of ham radio. Essentially, it is a three watt per channel stereo amplifier with a four band equalizer with turnover points at 300, 600, 1200 and 2400 Hertz, with 20 dB of cut or boost at each center frequency. The design is based on research that determined that for the English language:

- The frequencies important for speech intelligibility are the consonant sounds from 500-4000 Hz. These frequencies contribute 83% of word intelligibility.
- Frequencies from 500 to 1000 Hz contribute 35% of word intelligibility and 35% of sound energy.
- Frequencies from 1000 to 4000 Hz contribute 48% of intelligibility *but* only have 4% of the sound energy.
- In contrast, the frequencies from 125 to 500 Hz contain 55% of the sound energy but contribute only 4% to word intelligibility

To sum up, nearly half of the information that is responsible for speech intelligibility is in the range of 1000 to 4000 Hertz, but this range has only 4% of the speech sound energy. Conversely, the range of 125 to 500 Hertz has most of the sound energy but

contributes almost nothing to the intelligibility of received speech. The MFJ-616 allows the operator to boost the frequencies that matter and cut the ones that are obscuring the speech. The stereo design of the '616 provides, via the front panel balance control, for compensation for asymmetric hearing sensitivity on the part of the operator as well.

The Unit (and Accessories)

The MFJ-616 is contained in a 10 x 2.5 x 6 inch (WxHxD) black metal enclosure. It requires an external DC power supply of 12 to 15 volts at 1.5 amps, connected through a 2.1 mm barrel jack. It has rear panel RCA jack inputs for two signal sources, which can be selected by a front panel pushbutton switch. These inputs can be connected to a receiver's headphone output or to a radio's speaker output jack, although soldering a 10 ohm resistor across the plug terminals is recommended if the speaker jack is used (this is well detailed in the owner's manual). The MFJ-616 can also be connected to a receiver's line out jack, although this may not work with all radios, since the input impedance of the '616 is 500 ohms and most line outs are in the range of 10,000 ohms. The MFJ-616's speaker outputs are via 1/8 inch jacks—there are two mono jacks for the left and right channels as well as a stereo jack for computer style speakers. On the front panel is a 1/4 inch stereo jack for headphones—disable the speakers when headphones are used. The other front panel controls are the volume knob and a bypass switch, which permits comparison between processed and unprocessed audio. The unit is also bypassed when the power switch is turned off, send-

ing the receiver's audio directly to the speakers. The other listed specs for the unit are an overall frequency response of 100 to 5000 Hertz. The suggested list price for the MFJ-616 is \$169.95.

The MFJ-72 accessory pack contains a MFJ-1316 power supply, a pair of MFJ-281 speakers and the MFJ-392 headphones, all for \$58.80, which is a \$7 savings over ordering the items individually. The MFJ-281 speakers are small units (approximately 3.5 inches square) with a frequency response of 600 to 4000 Hz to enhance speech intelligibility.

Operation

I connected the review '616 to the headphone jack of an Icom R75 and used the MFJ-281 speakers. The instruction manual suggests initial settings of the 300 and 600 Hz controls at full counterclockwise and of the 1200 and 2400 Hz controls fully clockwise and then adjusting the controls to obtain

cut to reduce low-end boom and rumble and set the 2400 Hz control at near-maximum cut (around the 8 o'clock position) to reduce high-end hiss. I then adjusted the 600 and 1200 Hz controls for best speech intelligibility. With female announcers, I could boost the 2400 Hz control a bit to make their voices more readable. The benefits of the MFJ-616 are distinct and unambiguous, especially with signals that are just a little above the noise, since the '616 can be adjusted to reject most of the noise that is out of the speech passband. The unit doesn't help a great deal with interfering stations, if the voices on the desired signal and the interfering station are within the same audio passband. If the interfering signal has audio content that is higher or lower ("monkey chatter") than that of the desired signal, the MFJ-616 can be of use. Since the MFJ-616 is an analog device, there is none of the "artificial" or "synthesized" character to the filtered speech as there can be with DSP filters.

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**The MFJ-616 Speech
Intelligibility Enhancer
was originally designed
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his enjoyment
of ham radio.**

.....

readable audio. This is not a bad place to start, in order to see just what the '616 can do, but don't be afraid to experiment. I most often set the 300 Hz control for maximum

I liked the MFJ-392 headphones (\$19.95) which are part of the MFJ-72 accessory pack—they were lightweight and had well-padded earcushions to help seal out external noise. Each earpiece has a volume and bass-cut control. They had a pleasant, full-range sound. I was less impressed with the MFJ-281 speakers (\$12.95 each) which were rather tinny sounding, which is not surprising, given the fact that they use three-inch drivers. I would recommend larger speakers for fuller sound at the times that the MFJ-616's filtering is not required. Although I used my shack 12 volt supply for the test, I checked the MFJ-1316 power supply (\$19.95) and found it to be hefty and hum-free.

In summary, the MFJ-616 is a reasonably priced product that is well-built and does the job it was designed to do well. You can try it free for 30 days (if purchased from MFJ and minus shipping costs) and it has a one year warranty. MFJ Enterprises, P.O. Box 494, Mississippi State, MS 39762; 800-647-1800; www.mfjenterprises.com. 

Pirate Radio Report

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

Hi and welcome to the February edition of the **Pirate Radio Report**. Europirate season is nearing an end as the earlier sunrises will see the end of the 48 meter band pirates propagating to North America between 0700-0900 UTC but many DXers were fortunate and logged quite a few over the holidays. There's always next year!

North American Frequency Usage

Besides the usual 6940-6960 kiloHertz region, try the 6200-6260 area as well 6850 kHz for North American activity.

Alfa Lima International Continues Testing To North America

This Dutch Europirate continues is successful Sunday morning test transmissions to North America on 21890 kiloHertz. Try them between 1330-1800 UTC. This 300 watt transmitter has been well heard east of the Mississippi. Reception reports can be sent to them at: Box 663, 7900AR Hoogeveen, Holland.

Friday Radio was logged at 2353 on 6950.5 kHz on January 12th. Return of a veteran pirate with "Thank God It's Friday" slogans and rock music. The Providence maildrop was announced. [Zeller-OH]

Ground Zero Radio was heard on 6946.9 kHz on December 26th from 0114-0139 sign off. This was the Christmas program with alcoholic drink recipes, etc. [Maroti-NY]

KIPM was noted on December 30th at 0140 UTC on 6940 kHz. Illuminati stuff, spooky music, "K-I-P-M, Illuminati Prima Materia", ID as KIPM, address in Elkhorn, NE, "End of transmission", silence for a minute, then into a repeat of this hour-long episode ("The Adversary") from the Wacky World of KIPM about trying to kill the anti-Christ in the womb; QSY @ 0300 to 6950 [Brandi-NJ]

KRMI/Radio Michigan International was logged on 6949.9 kHz USB mode on December 24th signing on at 0302 UTC with a program of Xmas song parodies including

"Christmas On Acid" and others. [Cobb-ME]

Laser Hot Hits, 6218.9, the Irish pirate, was logged on December 22nd at 2135 UTC with Christmas music, including Slade and Wham. Station IDs and a phone number were annncd. [Brandi-NJ]

Melvin Malfunction, a new pirate, was logged on 6950.5 kHz on January 15th at 0019 UTC playing rock and pop music from the 1960's. The announcer was a computer generated voice who gave the following email address for reports: melvinmalfunction@yahoo.com [Costello-NJ]

Radio Bingo was heard on 6954.5 at 1431 until 1515 sign off on January 7th. Program of rock music, then into the Bingo game which John T. Arthur always seems to win. [Zeller-OH]

Radio Free Speech, The Station "That Bill O. Rights Built" was heard 6240 kHz at 2201 sign on December 30th. This was a replay of the Thanksgiving Show. Note the frequency. Everything in North America is not on the 6955 area! [Maroti-NY]

Radio Three, noted in the 48 meter pirate band on 6240 kiloHertz at 0127 UTC on January 1st. Frequent IDs and promos "Radio Free Europe...no, it's Radio Three". Good signal and audio. [Comeau-MA]

Radio Tellus was heard on December 24th from 0515 to 0529 sign off with pop music on 6955 USB, announcing the Providence [Box 28413 ZIP 02908], RI maildrop. [Wilkins-MO]

UK Radio, a Europirate, was presumed to be the one here December 30th on 6266.7 at 0510 with a tape loop of Radio Mi Amigo IDs and jingles. [Maroti-NY]

WMFQ, the station that always asks "Where's My F'ing QSL!" was logged posing the usual question on January 21st on 6945 kHz AM mode at 0207 UTC. Played some Kid Rock, Maria Muldaur announcing the Providence, RI maildrop for those @#@*@@ QSLs! [Comeau-MA] Until next month, Happy Pirate DX! 

QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010



Let's get right into the QSL Column. We have several fantastic QSLs this month....Sam.

ASIATIC RUSSIA: Radio Vlaanderen International 9865 via **Petropavlovsk-Kamtchatskiy Radio Centre** f/d "Oostende" cd. in 6 wks. w/ sked. (Barto-CT). **Voice of Russia** 12055 via **Novosibirsk** f/d "Moscow River" cd. in 11 wks. (Barto). 17595 via **Petropavlovsk-Kamtchatskiy Radio Centre** f/d cd. in 3 mo. (Barto). 15595 via **Komsomolsk-on-Amur** f/d cd. in 3 mo. (Barto). **Deutsche Welle** 9900 via **Petropavlovsk** f/d cd. in 6 mo. (Field-MI). same in 2 mo. w/ sked. (Barto). 13720 via **Irkutsk** f/d cd. in 2 mo. (Barto). **WSHB** 9940 via **Irkutsk** cd. in 6 wks. (Barto-CT).

BELGIUM: Radio Vlaanderen International 9925 and 21630 via **Wavre** f/d cd. w/ schedule in 6 wks. (Barto-CT)

BOLIVIA: Radio Mosoj rto-CT)
* **Chaski** 3310 date only ltr. in 320 ds. w/ religious brochures from the v/s Ptor. Benedito Ibarra M., Director. This was for an e-mail rpt. and via mail. Addr: Casilla

NOTES: **Jerry Klinck** hopes everyone had a great Holiday Season. The DX season has been good lately. **Marlin Field** at 128 Oak Street, Hillsdale, MI 49242-1345 also needs a current address for Radio Free London. Paul Brouillette checks in with a joyous holiday greetings to all of our members. **Fred Willshaw** in NC says it was a busy December counting chads and the like. Thanks for the full color QSLs from your collection. We plan to use many of them....Sam.

4493, Cochabamba, Bolivia. e-mail: chaski@bo.net (D'Angelo-PA). personal ltr. in 9 mo. w/ brochures in EG/Quechua. (Field-MI).

BONAIRE: Deutsche Welle 15105 f/d "Kohn Cathedral" cd. in 149 ds. v/s **Horst Scholz**. (Borokowski-NY). **Radio Vlaanderen International** 15565

f/d "Poelaert Square" cd. in 14 ds. for 1 IRC. Schedule was received. (Brouillette). **CHINA, PEOPLE'S REP. OF:**

China National Radio
5 - Taiwan First Network 11935, 11100 and 9380 f/d cd. in 3 mo. (Barto). **CNR-4 Taiwan Second Network** 11000 and 9170 f/d cd. in 3 mo. (Barto). **CNR-4 National Minorities Service** 8566 and 9920 f/d "CNR Bldg"



Certificado de Sintonía
Radio CORA
PERU

Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4915 kHz de fecha 22 ABRIL 2000 a las 04:59 horas de Peru con 10.000 vatios de potencia.

[Signature]
firma

RECIBIDO
COMPAÑIA RADIOFONICA S.A.

RADIO CORA
1975 Bftel

Verification Card

Dear John Sgrulletta:

We are pleased to verify your reception of Radio Radio Hargeisa

Date of Reception: August 30, 2000

Time: 06.28 hours Local/UTC to 06.50 hours Local/UTC

Frequency: 7530 kHz which is 40 meters

Transmitter Power: 100 kW. Transmitter Location: Hargeisa

A. Sobers
Signature
Consul



cd. in 3 mo. w/ sked. (Barto-CT).

CLANDESTINE: Radio Echo

* **of Hope** 6003 f/d cd. from Pyongyang w/ time date and freq. but w/o station name in 2 mo. Also reported 3912.0 but not on cd. Personally I think someone at the KCBS thought they were operating on that freq... whatever.
* (Barto-CT). **International Broadcasting Co. Tamil** 11570 date, time

COMMUNICATIONS CATALOG: Universal Radio, Inc., 6830 Americana Pkwy., Reynoldsburg, OH 43068-4113 has just released its new 2001 catalog. It contains 104 pages packed with equipment and publications for the amateur, shortwave and scanner enthusiast. An impressive selection of antennas, headphones and accessories is also featured. It is available free on request by fourth class mail or for \$3.00 by priority mail. Tell them NASWA sent you...Sam.

and freq. ltr. in 3 mo. Site is either Central Asia or Armenia. Addr: IBC, P.O. Box 1505, London SW8 2ZH, UK. (Field-MI).

Radio Hargeisa thanks for the short wave listeners report on 30, 08, 00
6390 6860 7122 7530 11640 kHz by Mr. John L. Sgrulletta
We wish you in future good reception.

Radio Hargeisa: 10 KW T-Antenna, ORG: 6390 6860 7122 7530 11640 kHz

The Republic of Somaliland was founded on May 18th 1991. The territory was formerly British Somaliland and Italian Somaliland. It has a population of approximately 3.5 million. The official language is Somali. The national flag is green, white, red and black with a white star in the middle. Official languages are Somali, Arabic and English. The national currency is the Somaliland Shilling. International airports in Hargeisa, Burao and Berbera. Heros are in the field.



CZECH REPUBLIC: Radio Prague

International 17495 and 21745 f/d "Czech Radio" cd w/ schedule, pocket calendar and sticker in 1 mo. (Barto-CT).

DIEGO GARCIA: Armed Forces

Radio and Television Service - Naval Computer and Telecommunications Station 12579 f/d ltr. in 2 wks. v/s Jennifer Gray. (Barto) 4319 p/d e-mail reply w/ site in 24 ds. v/s Michael Futch. (Lare-MI). rcvd. a ltr. from Ms. Gray w/ correct date, time but w/

freq. reversed as 4913 and QSLing the site as Guam. (Barto-CT).

ENGLAND: European Beacon Radio 9675 via **Rampisham** p/d cd. w/ ltr. in 3 wks. (Barto). same in 2 mo. (Barto). again in 1 mo. (Barto). 15445 via **Skelton** p/d cd. w/ ltr. in 2 wks. (Barto). 15585 p/d cd. w/ ltr. in 3 wks. (Barto). cd. w/ ltr. and schedule in 3 1/2 mo. (Field-MI). 17665 p/d cd. w/ ltr. in 3 wks. v/s Jeff Johnson, Program Director. (Barto).

United Nations

Radio 17595 via **Skelton** f/d cd. in 2 wks. (Barto). 15265 via **Wooferton** cd. w/ sked. in 3 wks. (Field).

EUROPEAN RUSSIA:

Voice of Russia 13690 via **Samara** f/d cd. w/ sked. in 3 mo. (Barto).



70 лет в международном эфире
1929 - 1999
70 years of broadcasting to the World



12060 via Krasnodar cd. w/ schedule, report forms and postcard in 2 mo. (Field-MI). 15470 via Yekaterinburg f/d "Moscow River" cd. in 11 wks. (Barto-CT). Deutsche Welle 15480 via Moscow rcvd. 2 cds. on different ds. in 7 mo. (Field-MI).

YOU GOTTA BE KIDDING ME: I just returned from the USPO. It seems that the international airmail $\frac{1}{2}$ ounce rate is history. It is now rated at \$.80 for 1 ounce and under. **No more \$.60 per $\frac{1}{2}$ ounce!** Maybe the forces to be at NASWA can organize some type of overseas QSL service if only to the major international broadcasters. Besides fly fishing I gotta get a new hobby. Maybe I'll take up Australian Dick Wrestling. Hi!.....Sam.

FINLAND: Scandinavian Weekend Radio 11720 * f/d cd. w/ staff photos in 2 wks. for \$2.00. They said my rpt. was the first from the States. Station sent 2 stickers. 50 watts! (Maroti-NY).

GERMANY: General Board of Global Ministries of the United Methodist Church 13810 and 15485 via Julich n/d e-mail ltr. in 3 ds. v/s Donna Niemann, Pro-

VERIFICATION SIGNERS: All India Radio 5010 Thiruvananthapuram A.K. Bhattnagar. Radio Republik Indonesia 3395 Tanjung Karang Drs. Soewadji, Kepala Seksi Siaran. Radio Republik Biak 6154 Butje Latuperissa, Kepala Seksi Siaran. Radio Republik Indonesia 6069.8 Hartono, Bidang Teknik. Radio Republik Indonesia 4753 Ujung Pandang/Makassar Jalan Riburane 3, Makassar. IRIB 15084 H. Atai, Spanish Service, Dir. Redaccion Espanola. Addr: P.O. Box 19395-6767, Teheran. Radio Galei Zahal Addr: Military Post Office 10005, Israel.....via PLAY DX.....Sam.

We gratefully acknowledge your report on

frequency: 6.180 kHz 6100
station: Radio Jugoslavia
date: 22.11.1998
time: 2158-2224 UTC
2258-2340 UTC



via D'Angelo
RADIO JUGOSLAVIJA
P.O. Box 200, Hilendarska 2
11000 Beograd
YUGOSLAVIA

REPUBLICA DI SAN MARINO
La prima Torre
La première Tour
The first Tower
Der Erste Turm

RADIO SAN MARINO INTERNATIONAL

To Mr. BUER - Cpl n. 319

This confirms your reception report of 3-5-70
December 20th, 1997, at 2159 UTC, on the
frequency of 6.180 MHz LSB. It was the first
regular transmission of RSAL from the
territory of the Republic of San Marino with
the power of 0.3 KW and isotropic-V antenna.
Best regards from RSAL.

S. Geronzi, CE

ADDRESS

gram Producer. (D'Angelo). Radio Vlaanderen International 13670 via Julich f/d "Oostende" cd. in 6 wks. (Barto-CT).

GUAM: Armed Forces Radio and Television Service - Naval Computer and Telecommunications Station 5765 via

Barrigada p/d ltr. in 17 ds. v/s Jennifer Gray. (D'Angelo). same in 3 ds. for an e-mail rpt. v/s Michael Foutch. (D'Angelo)...If I remember correctly Barrigada was an old site for an ATATC station in the 60s. ...Sam. 13362 f/d ltr. in 2 wks. (Barto-CT). Sam.

GUATEMALA: Radio Verdad 4052.5 f/d cd. w/ station pennant and schedule in 24 ds. from Dr. EdgarAmilcar Madrid Morales, Director and Manager. He says the 300-500 watt transmitter suffers from extreme humidity & other problems. He believes the call will be TGAV (TG=Country; A=Eastern area of Guatemala; V=Verdad or Truth). Edgar is a

HRVC
CADENA RADIAL

LA VOZ EVANGELICA DE HONDURAS
ESTIMULANDO SU VIDA ESPIRITUAL



TEGUCIGALPA 1390 KHZ.

Station KNLS - Verification of Reception

Spring To Fall Broadcast Season 2000

Card # 113 of 200

For the broadcast:

QSL is issued to:

Frequency	9615kHz
UTC Time	1300
UTC Date	06/29/2000

Mr. Mark Humenyk
26 Crestridge Hts.
Weston, ONTARIO
CANADA M9P 1A4

59 year old Guatemalan graduate from George Fox Univ. in Oregon class of 65. (D'Angelo).

HAWAII: KWHR 17510 and 9930 ltr. in 6 mo. for the Que Huong Radio transmission. v/s James L. Holycross. (Field-MI). AFRTS/Naval Computer and Telecommunications Area Master Station 6350 via Pearl Harbor f/d ltr. in 3 wks. (Barto-CT).

ITALY: RAI 5970, 7285 and 9760 p/d cd. in 2 mo. (Barto-CT). 11800 p/d "Logo" cd. in 300 ds. (Borokowski-NY).

SPECIAL REQUEST: When you submit copies of QSLs to the Column you do not have to photo reduce them. I'll take care of that on this end. Also, I am saving all of your reproductions; hence, I would like them as close to the original size as possible. Your QSL reproductions do not have to be new stations, even the older ones are very interesting....Sam.

KALININGRAD: Voice of Russia 5950 QSL via e-mail in 2 ds. v/s Ms. Olga Troshina. C/V #217 making this a very unexpected but very pleasant surprise from the last DXpedition. (D'

KIRIBATI: Radio Kiribati 9810 (Angelo). short personal ltr. w/ f/d signed and stamped in 2 mo. after my last f/up rpt. (3 yrs. total) v/s Moia Tetoa, Radio Manager. My last f/up included a tape and ms. (used). Thanks to Don Nelson for opening this one up. (Maroti)

KOREA, DEMOCRATIC REPUBLIC OF: Korean Central Broadcasting Station 3559.8 and 4404.9 p/d cd. in 3 mo. w/ pennant and station literature. (Barto). 6520 and 7580 f/d cd. in 2 mo. (Barto-CT).

MOLDOVA: Voice of Russia 9665 via Kishinyov f/d

KENTRIKH ELLADA

TRT
TELEVISION

"Friendship Fountain" cd. in 3 mo. (Barto)

NEPAL: Radio Nepal 5005.1 f/d "Pokhara" cd. in 2 mo. for an e-mail rpt. v/s R.S. Kariki. This was for a 1996 reception. (Lare-

PAPUA NEW GUINEA: Radio Madang 3260 (MI) f/d ltr. in 9 wks. v/s James S. Valakvi, Assistant Provincial Programme Manager.

PERU: Radio Integracion 5046 (Barto-CT) * cd. in 3 mo. on my 6th try for a SP rpt. v/s Zenon H. Farfan Cruzado, Director.

* (Field-MI). Radio Ondas del Sur Oriente

5069.7 cd. in 4 mo. on my 8th try for a SP rpt. (Field-MI).

* Radio La Voz del Maranon 5605 cd. w/ photos of the station staff w/ a hand written ltr. and QSL cd. in 6 wks. on my 4th try for a SP rpt. v/s Eduardo Diaz Coronado, Gerente. (Field-MI).

* Radio Imperio 4389 QSLed w/ a "confirmed" notation on my ltr. in 31 ds. However, this wasn't your typical reply. Pedro F. Arrunategui was visiting the station and saw a photocopy of my report w/ the "confirmed" endorsement at the bottom. They apparently sent the original to me but I have not received it as yet. PFA made



ONDA CORTA BANDA #9 en 6.090 KHz - TEMUCO

TEMUCO CHILE 09 DE NOVIEMBRE 2000

Señor:
George Glotzbecher
5 Herrada Ct.
Santa Fe, NM 87505-8791
U.S.A.

Estimado Señor Glotzbecher:

Recibe un cordial saludo de parte de sus amigos de Radio Esperanza Banda Internacional de 49 metros.

Nos alegró mucho recibir su carta desde Santa Fe y saber que nos pudo autorizar, y agradeceremos su hermosa Foto Mapa

Adjunto a la presente nuestra tarjeta QSL y nuestro perfil programático.

Sin otro particular, y esperando tener nuevamente un contacto con usted me despido deseando para usted y familia éxito en lo que resta del año 2000.

Dios les bendiga.



CASA MATRIZ: LUZ DURAND 02007 - FONDO FAX 36 70 70 - CHILE
SUCURSALES BUENOS AIRES - FONDO FAX 21 97 90 - CASILLA 800 - TEMUCO
INSUE WISNARE 90 - FONDO 02 32 00 - ANICUO



RADIO imAGEN OAX-9A (1160KHz) OAX-9M (4970KHz) OCZ-9C (1023MHz)

a scan of the copy and sent it to Jerry Berg as he did not have my e-mail address. As JB mentioned

recently "Its a small DX world out there" (D'Angelo-PA).

PHILIPPINES: Radio Pilipinas 15190 and 11730 via Tinang f/d ltr. w/ sked in 7 mo. for reception of their "Radyo Peryodiko" program. v/s Tanny V. Rodriguez, Station Manager. (Barto-CT).

PUERTO RICO: AFRTS/AFN 6458.5 p/d e-mail reply w/ site in 7 ds. v/s Michael Foutch. (Lare-MI).

QATAR: Qatar Broadcasting Service 11750 f/d cd. in 3 wks. after a f/up

rpt. v/s Jassim Mohammed Al-Qattan, Head of Public Relations. In their original reply, I received a 32 page color booklet in FR about the QBS and a schedule-but no QSL! (Maroti-NY).

SEYCHELLES: Far East Broadcasting Association 15535 f/d cd. w/ sticker and schedule in 3 mo. (Barto).

SICILY: RAI - Radio Uno 6060 p/d "Marconi" cd. in 3 mo. (Barto-CT). same in 5 wks. w/ schedule. (Barto). Armed Forces Radio and Television Service/AFN Naval Air Station 10940.5 via Sigonella f/d ltr. in 3 wks. (Barto-CT).

SINGAPORE: RAI via Merlin 11920 via Kranji p/d cd. in 3 1/2 mo. (Barto-CT).

SOMALILAND, REPUBLIC OF: Radio Hargeisa 7530 p/d "Studio" cd. w/ f/d pre-
*pared cd. in 53 ds. for a taped rpt. and ms. v/s A. Dobencs, Consul.

or something very similar. Addr: Konsularische Vertretung Republic of Somaliland, Zedernweg 6, 50127 Bergheim, Germany. Thanks to Harald Kuhl for the address. V/C #238. (Sgrulletta-NY).

7530.4 f/d cd. as above in 3 1/2 wks. (Barto-CT).

SRI LANKA: Radio Japan

11890 f/d "65th Anniversary" cd. in 22 ds. w/ newsltr., report forms, schedule and a pocket calendar. v/s A. Jingu. (Willshaw-NC). same cd. w/ newsltr., schedule, booklet and calendar in 28 ds. (Glotzbach-NM).

SOUTH AFRICA: African Beacon Radio 11640 and 3230 p/d cd. w/ ltr. in 1 mo. from the FL address. (Barto). United Nations Radio 21490 via Meyerton f/d cd. in 2 wks. (Barto). same in 3 1/2 wks. (Barto). Adventist World Radio 9745 via Meyerton f/d "AWR Transmitter Sites" cd. in 25 ds. v/s Narine West, AWR QSL Section. (Humenyk-ONT).

SWEDEN: IBRA Radio 5935 f/d cd. in 247 ds. (Glotzbach)...Is this Sweden?

Alex Warner
DJ Tommy
Mr. Diebels

via
D'Angelo

QSL



RADIO EAST-SIDE

FT LAUD FL 33310 1982-05-13-00 12:37

Acusamos recibo de su atento reporte de recepcion de nuestra estacion YV PA "Radio YARACUY" en la frecuencia de 4940 KHz. el dia 9/10 de 11:00 de la tarde. En su informacion irradiada de 23:10 hasta 23:50 hora de Venezuela.

Verificados nuestros libros de control, su informe ha resultado **Correcto**

Dámole nuestras mas expresivas gracias por la valiosa informacion.

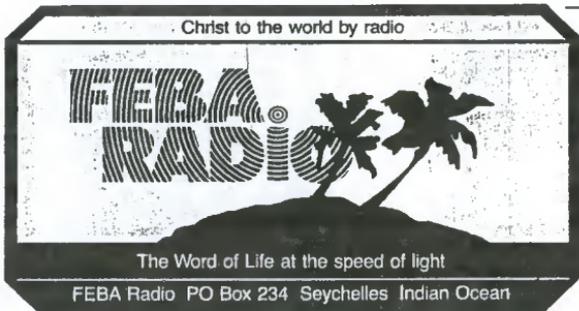


San Felipe, Venezuela, 8 de 3 de 1982

RADIO YARACUY
YVPB - 1 090 KHz (275.22 Mts) - 10 Kw ONDA MEDIA
YVPA - 4 940 KHz (60.72 Mts) - 10 Kw ONDA CORTA
San Felipe, Edo Yaracuy, Republica de Venezuela



РАДИО ГОЛОС РОССИИ
RADIO VOICE OF RUSSIA



11665 via Samara f/d "The Kazan Kremlin" cd. w/ beautiful Soviet stamps from the 30s in 4 mo. Addr: QSL Manager, P.O. Box 134, Kazan, Tatarstan 420136 Russia (Barto-CT)....I thought I'd list this under the Tatarstan heading because the letterhead from the station does the same.

TINIAN: Radio Free Asia 15520 f/d ltr. in 81 ds. w/ sticker. (Humenyk).

TUNISIA: Radio Tunisienne 7475 p/d cd. w/ ltr. in FR for a taped rpt.

Certificado de Sintonía

Radio VICTORIA

PERU

Estimado Sr. John Sgrulletta:

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 9720 kHz de fecha 14 de mayo 2000 a las 04:55, 07:54 horas de Peru con 5,000 vatios de potencia.

John Sgrulletta

firma

radio oficial

Radio Sweden 15245 and 9495 via TERACOM f/d "TERACOM QSL" in 74 ds TERACOM booklet and a RSI schedule was rcvd. (D'Angelo-PA).

SYRIA: Radio Damascus 13610 via Adhra f/d "Throne Hall Citadel at Aleppo" cd. in 171 ds. w/ schedule, newsletter, and sticker. (Humenyk-ONT).

TATARSTAN, REPUBLIC OF: Voice of Tatarstan

9785 via Emirler f/d "Local Woman wearing Headgear" cd. in 1 mo. w/ schedule. (Humenyk). 15150 same cd. in 49 ds. w/ schedule and sticker. (Humenyk-ONT).

TURKEY: Voice of Turkey 9785 via Emirler f/d "Local Woman wearing Headgear" cd. in 1 mo. w/ schedule. (Humenyk). 15150 same cd. in 49 ds. w/ schedule and sticker. (Humenyk-ONT).

USA: KVOH 9975 via Rancho Simi, CA f/d cd. "Map of the World" in 183 ds. w/ sticker. (Humenyk). f/d "Transmission Azimuth" cd.

w/ station sticker in 151 ds. for a taped rpt. and \$2.00. (Willshaw-NC). WHRA 17650 via Greenbush, ME f/d "World Map" cd. in 160 ds. for \$2.00. v/s James Holycross. (Willshaw). KQXX 1700 via Brownsville, TX f/d prepared cd. in 6 mo. for a taped rpt. and ms. v/s Sandra G. Concha. (Kusalik-ALB). f/d computer generated ltr. w/ f/d prepared cd. in 4 mo. for SASE. (Sgrulletta-NY). WAWX 1630 via Augusta, GA p/d ltr. in 15 ds. for SASE (not used). v/s Harley Drew, Operations Director. (Sgrulletta-NY). WINB 13570 via Red Lion, PA f/d cd. in 41 ds. (Humenyk).

KSMH 1620 via Auburn, CA f/d prepared cd. in 9 ds. after a f/ up rpt. v/s Lawrence Vosper, Engineering. (Kusalik-ALB). KTBK 1700 via Sherman, TX f/d "QSL Certificate" in 3 mo. after a f/ up rpt. v/s Hue Beavers, Chief Engineer.

* WWFV 12172 n/d e-mail in 1 day. (x-WGTG) (Neal-TX).



Net Notes

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

Welcome to February. Spring is coming, and the Winter SWL Festival is about a month away. If you haven't checked the fest Web pages lately, why not take a look at www.trsc.com and click on the ticket that asks the question "How many days...?" And check out the swap meet pages if you are selling or looking for an item. We'll be there. Will you?

Lightning Explorer is a free Web page "featuring actual lightning information from the National Lightning Detection Network, Lightning Explorer gives you a view of all lightning activity in the continental United States." The image reflects lightning activity from the last 2 hours, available in 15-minute updates. "The National Lightning Detection Network (NLDN) constantly detects lightning discharges to ground. Each lightning event, called a "flash", is recorded at the Network Control Center for the NLDN. The dots on the map reflect these recorded flashes." Now you can see where the nonsense is that's wreaking havoc on the low SWBC bands: www.lightningstorm.com/lightningstorm/gpg/lex1/mapdisplay_free.jsp

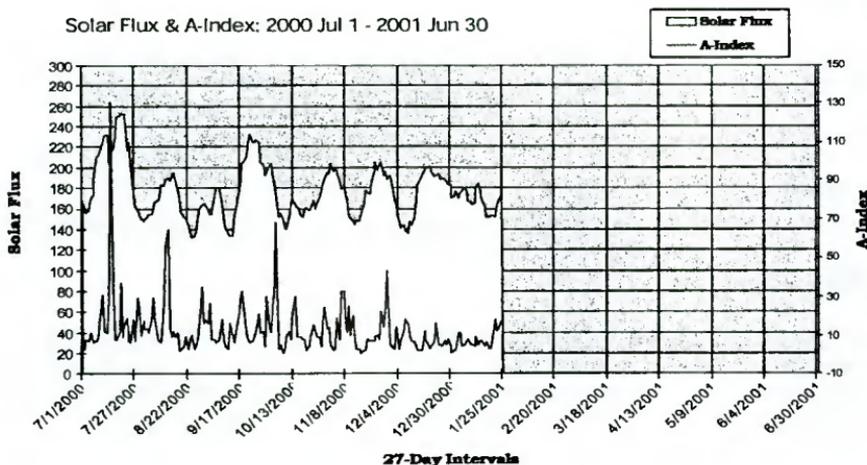
And here is a lightning Web page that covers Canada, but the data is not updated as often: www.weatheroffice.com/LightningNews/default.asp

Lightning is one source of a remarkable symphony of strange noises coming from our own planet. Scientists call them "tweaks," "whistlers" and "sferics." These signals are radio waves at audio frequencies. NASA now has a test receiver on the Web for the public to use. Unfortunately for us Apple's QuickTime is the media player device and we have been unable to play the audio, despite repeated attempts to make QT work in several different browsers. But if QT works for you, read the story and listen at science.nasa.gov/headlines/y2001/ast19jan_1.htm

On a different note, Rich McVicar puts DX'ers to the test in an interval signal quiz on his new Web site at web.a-znet.com/rmcvicar. Dust off the cobwebs and give it a try.

The <http://> is implied in the URLs listed above.

Solar Flux & A-Index: 2000 Jul 1 - 2001 Jun 30



Contributors' Page

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

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER , Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Mike BEU , Austin, TX	
Ralph BRANDI , Tinton Falls, NJ	AOR AR-7030, R8, 250' longwire
Paul BROUILLETTE , Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO , Matawan, NJ	AR3030 DX390 YB400 70' LW Tun-4A
Rich D'ANGELO , Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Walt FAIR , Maracaibo, VENEZUELA	Sangean ATS-909 Realistic ant. and LW
Marlin FIELD , MI	
Bob FRASER , Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
George GLOTZBACH , Santa Fe, NM	R8B ARA-60
Bob HILL , Littleton, MA	Sony 2010 120' dipole at 35'
Mark HUMENYK , Weston ONT	Magnavox D-2935 AN-60 DX-SWL sloper
Jerry KLINCK , NY	
Fred KOHLBRENNER , Lansdowne, PA	Drake R8
Brian LIMBACH , Pittsburgh, PA	Kenwood R-5000, ATS-909, Sony AN1 ant
Jerry LINEBACK , Scranton, KS	Icom 746 beverage antennas
Jack LINONIS , W. Middlesex, PA	DX375,DX160A, NCX20, 65' LW Sloper
George MAROTI , Mt. Kisco, NY	R8B, 2010, 30/45 m. dipoles
David M MARTIN , MD, Atlanta, GA	RX-320, Eavesdropper trap dipole
William McGUIRE , Cheverly, MD	DX-380
Bob MONTGOMERY , Levittown, PA	NRD-535D, R390A, RX320, SE3, T2FD, active ant.
Ed NEWBURY , Kimball, NE	WJ-1000, R8, 60' sloper, 20' loop
Mike PACE , Tipton, IA	Drake SW2, MFJ1022
Karl RACENIS , MI	Sony 2010, NASA P-30 Ant
Bob RAYMOND , Nashua, NH	R8B 20m $\frac{5}{8}$ wave vertical
Betsy ROBINSON , Clinton, TN	Sony 2010 Indoor antenna
John SGURLETTA , Mahopac, NY	NRD-515, DX Sloper, Mosley SWL-7
Gerald WITHAM , Keauau, HI	R8, 185' split LW, ANC-4

Nice turn out this month. Looking forward to the Winter Fest as should be another good one this year. Hope to see many of you there.

73

Bob Montgomery



Contribute!

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

Tropical Band Loggings

Sheryl Paszkiewicz • 314 Riverview Drive, Apt 16 • Manitowoc, WI 54220 • sherpsz@aol.com

- 2310 AUSTRALIA ABC 1/6 1228 jazzy music, talk, ABC News 1230 (Bran-NJ) 12/30
1338 EG pop mx, poor (Line-KS)
- 2325 AUSTRALIA ABC 12/30 1338 EG pop mx, poor (Line-KS)
- 2390 MEXICO R *Huayacocotla* 12/16 0105* anmts, NA, exc (Beu-TX) 12/22 0025
ranchera mx, ID, mx (Sgru-NY)
- 2485 AUSTRALIA ABC 12/30 1338 EG pop mx, poor (Line-KS)
- 2500 USA WWV 1/1 0700 time anmts, Happy New Year NASWA! (Newb-NE)
- 3210 MOZAMBIQUE R *Mozambique* 1/18 0310-0340 music, recorded anmts, Ids, peaked
at S8 (Maro-NY) I hrd this & thought it was WWCR off freq--sp
- 3215 SULAWESI RRI *Manado* 1/6 1409 IN pop mx, poor (Line-KS)
- 3235 NEW BRITAIN *Radio West* 12/25 1211 lang talk under ute (Line-KS)
- 3249 HONDURAS R *Luz y Vida* 12/16 1106 EG/SP rel pgm, ID 1133 (Raym-NH) 12/7
0220 SP impassioned rel talk (Brou-IL)
- 3250 KALIMANTAN RRI *Banjarmasin* 12/31 1345 IN pop vocals (Line-KS)
- 3255 SOUTH AFRICA BBC Relay 12/29 0330 EG African news (Beu-TX) Tnx!
- 3265 SULAWESI RRI *Gorontalo* 12/25 1216 OM in IN (Line-KS)
- 3290 CHINA CNR *Beijing* 1/7 1350 CH OM, fair (Line-KS)
- 3315 INDIA AIR *Bhopal* 12/28 1250 anmts, mx, good (Beu-TX)
- 3315.9 SIERRA LEONE SLBS 1/13 2216* choral vocals, ID, news (Maro-NY)
- 3320 SOUTH AFRICA R *Sonder Grense* 12/12 0305 AK guitar folk mx (Mart-GA)
- 3325 GUATEMALA *Radio Maya* 12/9 1030 singing children, band mx, "Blessed
Redeemer" chorus (Robi-TN)
- 3325 KALIMANTAN RRI *Palangkaraya* 1/7 1348 IN talk, good (Line-KS)
- 3326 NIGERIA R *Nigeria* 1/7 2129 EG ID, news, IS, more IDs (Brandi-NJ)
- 3335 TAIWAN CBS 1/7 1348 CH pops & talk, good (Line-KS)
- 3345 MOLUCCAS RRI *Ternate* 1/7 1347 OM in IN (Line-KS)
- 3365 INDIA AIR *Delhi* 12/28 1249 mx, good (Beu-TX) 12/30 1243 lang //4960
poor (Line-KS)
- 3365 NEW GUINEA R *Milne Bay* 12/21 1034 EG interview, Christmas song, IS
1100, news (Mont-PA)
- 3385 NEW BRITAIN *Radio East* 1/5 1305 pop mx (Line-KS)
- 3395 SUMATRA RRI *Tanjungkarang* 12/26 2215 Koran, poor (Sgru-NY) I read
Bandar Lampung is their nickname but city is still Tanjungkarang--sp 1/7
1346 YL in IN (Line-KS)
- 3905 IRIAN JAYA RRI *Merauke* 12/31 1347 OM in IN (Line-KS)
- 3959 SULAWESI RRI *Palu* 1/6 1408 IN pop vocals (Line-KS)
- 3975 ENGLAND R *Korea* Relay 12/23 2203 EG world nx, talk abt Christmas shopping
in Korea (Mont-PA)
- 3976 KALIMANTAN RRI *Pontianak* 12/31 1348 IN pop vocals (Line-KS)
- 3985 SOUTH KOREA *Vo Hope* 1/7 1357 KR classic vocals, Let it Snow (Line-KS)
- 4000 CHINA *Nei Menggu* 1/7 1357 YL in CH (Line-KS)
- 4000.1 SULAWESI RRI *Kendari* 12/31 1348 IN talk (Line-KS)
- 4052 GUATEMALA *Radio Verdad* 12/18 2350 rel pgm, Ids, Silent Night (Fiel-MI) 12/16
0040 talk, same piece of EZL mx over and over, IDs (Bran-NJ) 12/30 0220 rel
pgm, Ids, Tcs, prayer, NA (Sgru-NY)
- 4485.3 PERU R *Frecuencia* 12/16 0109 anmts, Ids, fair (Beu-TX)
- 4534 PERU R *Horizonte* 12/16 1044 Peruvian mx, anmts, ID (Raym-NH)
- 4606 IRIAN JAYA RRI *Serui* 1/7 1356 IN pops (Line-KS)

- 4635 **TAJIKISTAN Tajik Radio** 1/7 2202 long talk, Middle East mx, ment Dushanbe, IS, also hrd past 0100 (Maro-NY)
- 4655t **PERU R Celendin** 12/17 0130 mx pgm to 0319*, weak (Fiel-MI)
- 4725 **MYANMAR R Myanmar** 12/31 1350 YL in lang, poor (Line-KS)
- 4753.5v **SULAWESI RRI Makassar** 12/29 2151 talk, short mx, IS, ID, nx (D'An-PA) 12/26 2158 anmts, IS, national nx (Sgru-NY) 1/7 1354 pop vocals & instls (Line-KS)
- 4754.8 **BRAZIL R Educacao Rural** 12/31 0235 oldies pgm, anmts, ID (Sgru-NY)
- 4760 **KASHMIR AIR Leh** 12/24 1231 EG nx by YL (Line-KS)
- 4760 **LIBERIA ELWA** 11/11 2140 EG rel pgm, anmts, ID, local mx (Klin-NY)
- 4770 **NIGERIA R Nigeria** 11/11 2145 EG ID anmts, Western mx (Klin-NY) 12/31 2130 Christmas carols, rock & soul mx, msg from governor, NA (Bran-NJ)
- 4783 **MALI R Malienne** 11/11 2155 FR local mx, talk, ID (Klin-NY) 12/31 0650 FR discussion, mx, anmts (Mart-GA)
- 4789 **IRIAN JAYA RRI Fak-Fak** 1/7 1354 IN vocals (Line-KS)
- 4790 **INDIA AIR Chennai** 12/23 0045* subcont vocals, talk in Tamil (Kohl-PA)
- 4794.9t **BRAZIL Rdf Aquidauana** 12/13 0225 somber singing, echo anmts, poss ID, rel hymns (Brou-IL)
- 4800 **INDIA AIR Hyderabad** 12/23 0040 discussion abt Gandhi Univ (Bran-NJ) 12/17 1349 OM in lang (Line-KS)
- 4800 **LESOTHO R Lesotho** 12/7 0247 SeSotho lang prayer, chorus, 3 TP, brass band anthem, ID (Brou-IL) 12/30 0353 Saf mx, IS, TP, ID ment Maseru, news (Bran-NJ)
- 4800.8 **ECUADOR R Oriental** 12/16 0118 mx, ment Tena, IDs (Bran-NJ)
- 4810 **ARMENIA Vo Armenia** 1/1 0350 lang talk, variety of mx (Alex-PA)
- 4820 **BOTSWANA R Botswana** 12/31 0251 IS, on & off, NA, talk (Bran-NJ)
- 4820 **HONDURAS LV Evangelica** 11/29 0302 SP preaching (Hume-ON) 12/27 1215 rock, SP Europop, good (Line-KS)
- 4820 **INDIA AIR Calcutta** 12/17 1348 subcont mx (Line-KS)
- 4830 **VENEZUELA R Tachira** 11/30 0241 SP comments, long talk (Hume-ON) 1/4 1150 news (Fiel-MI)
- 4832 **HONDURAS R Litoral** 1/3 1201 rel pgm, weak (Fiel-MI) 12/19 *1201 instl mx, sev Ids, anmts, rel vocals, IDs (D'Angelo-PA)
- 4835 **GUATEMALA R Tezulutlan** 11/30 0239 SP comments, weak (Hume-ON)
- 4840 **INDIA AIR Mumbai** 1/8 0140 female vocals, talk, S7 at best (Mont-PA) 12/28 1313 anmts, mx, good (Beu-TX) 12/27 1314 lang, subcont mx (Line)
- 4845 **GUATEMALA R Kekchi** 12/23 1050 orchestral mx, anmts, ID (Raym-NH)
- 4845 **MAURITANIA R Mauritania** 11/12 2145 AR talk, strongest African (Klin-NY) 12/9 0115 on late for Ramadan in AR, Koran, talk, drama (Alex-PA) 12/1 0400 long talk in AR (Sgru-NY) 1/1 2201 OM in lang (Line-KS)
- 4850 **CHINA CNR Beijing** 1/6 1344 CH pop vocals (Line-KS)
- 4850 **UZBEKISTAN Uzbek R 2nd Pgm** 1/4 2115 AR inflected mx, IS (Brandi-NJ)
- 4860 **INDIA AIR Delhi** 12/28 1304 //3365, good (Beu-TX) 12/30 1230 EG nx (Line-KS)
- 4877.5sh **CANADA RCI** 1/5 0240 science pgm in EG, subharmonic of 9755 (Bran-NJ)
- 4880 **INDIA AIR Lucknow** 12/28 1306 anmts, mx, weak (Beu-TX) 12/28 1304 subcont mx (Line-KS)
- 4890 **PAPUA NBC** 12/31 1130 EG talk, Jingle Bells, news, New Year countdown shouting, bells, Auld Lang Syne (Mart-GA) 1/1 1320 anmts, obscure pop mx, obliterated by het (Race-MI) 1/7 1256 EG pops, Jingle Bells (Line-KS)
- 4895 **INDIA AIR Kurseong** 1/7 1205 subcont mx, brief anmts, 1 TP 1230, talk seemed //4850, strongest Indian (Maro-NY)
- 4895 **SARAWAK R Malaysia** 1/7 1352 Islamic pgm (Line-KS)
- 4898.1 **DOMINICAN REP R Barahona** 11/22 0334 dance mx, canned IDs (Brou-IL) 12/11 0428 lively vocals, IDs between selections (D'An-PA)
- 4899.1 **ECUADOR LV de Saquisilí** 12/7 0009 mx, anmt, ID (Klin-NY)

- 4905 **BRAZIL R Anhanguera** 12/22 0254 tent ID, accordion mx, PT talk, TP 0300 (Mont-PA)
- 4910 **INDIA AIR Jaipur** 12/28 1305 YL in lang (Line-KS)
- 4915 **GHANA GBC** 11/28 2215 EG mx by OM (Hume-ON)
- 4915 **PERU Radio Cora** 11/29 0310 SP mx by group (Hume-ON)
- 4920 **INDIA AIR Chennai** 12/28 1320 mx, good (Beu-TX) 12/30 1230 EG nx (Line-KS)
- 4925 **SUMATRA RRI Jambi** 12/26 2158 anmts, IS, nx (Sgru-NY) 1/7 1353 EG pops (Line-KS)
- 4944.8 **BRAZIL A Voz do Sao Francisco** 1/1 2350 rel talk, hymns (Fair-VEN)
- 4950 **ANGOLA R Nacional** 1/5 0420 PT talk abt Savimbi, province of Huila, echo ID (Bran-NJ)
- 4960 **DOMINICAN REP Radio Villa** 11/29 0255 SP mx, ads (Hume-ON) 11/11 2204 SP mx & lots of anmts, 2301 ID (Raym-NH)
- 4976 **UGANDA Radio Uganda** 12/31 2030 EG Xmas mx, unusually good sig (Klin-NY) 1/4 2050 Congolese mx, NA (Brandi-NJ)
- 4980 **VENEZUELA Ecos del Torbes** 1/1 0400 countdown, NA (Newb-NE)
- 4985 **BRAZIL R Brasil Central** 12/22 0646 soft vocals, jingle ID //11815 (Kohl) 12/7 2310 lite rel mx, anmts, ID (Fair-VEN)
- 5000.9 **VENEZUELA YVTO** 12/22 0429 time sigs, off frequency! (Brandi-NJ)
- 5003.4 **EQUATORIAL GUINEA (RIO MUNI) Radio Nacional** 11/24 2130 in lang talk, SP ID (Klin-NY) 12/22 2127 SP long talk //6249.4 (Mont-PA) 12/30 2129 lots of talk, ment Nacional, NA as hrd on web (Raym-NH)
- 5005 **NEPAL Radio Nepal** 12/18 1203 drama in EG, 1215 TP, ID, nx (D'An-PA)
- 5009.8 **DOMINICAN REP R Cristal** 1/1 2130 mx, ment Santo Domingo, 2254 ID great mx (Mont-PA) 12/30 0050 long talk, ID, thought it was Radiofonicas Populares from Ecuador (D'An-PA) 1/6 1115 Latin American temperatures & for Madrid, ads, news, ID (Bran-NJ)
- 5010 **INDIA AIR Thirupuram** 12/18 0035 talk, flutes, EG ment India (Mont-PA) 1/3 0035 EG anmts, ID, HD mx pgm (D'An-PA)
- 5015 **TURKMENISTAN R Bakhara** 1/5 0140 stringed inst & vocals (Kohl-PA)
- 5020.5 **NIGER LV du Sahel** 11/24 2135 FR talk by 2 M, local mx (Klin-NY)
- 5025 **BENIN Radio Parakou** 11/25 2143 FR talk, mx bridges, ID (Klin-NY)
- 5030 **SARAWAK R Malaysia** 1/6 1349 mixing with China (Line-KS)
- 5047 **TOGO Radio Lome** 11/28 2232 FR news, taped comment (Hume-ON) 11/25 2150 FR drama (Klin-NY)
- 5050.1 **TANZANIA R Tanzania** 1/6 0140 AR pgm, NA (Mont-PA) 1/5 0153 IS, talk, NA (Bran-NJ)
- 5054.6 **COSTA RICA Faro del Caribe** 12/13 0305 anmts, low modulation (Brou-IL)
- 5060 **UZBEKISTAN R Tashkent** 12/31 1228* EG nx, cmtry, ID, IS //9715 (Alex) 12/17 1354 EG cmtry (Line-KS)
- 5085 **USA WWFV** 1/4 0322 Alex Jones pgm, GPN Network, ex-WGTG (Pasz-WI)
- 5100 **LIBERIA R Liberia** 12/6 2350 EG mx, anmts, ID, NA to 0000* (Klin-NY) 12/22 2215 EG argument with 2 YL, muffled audio (Mart-GA)
- 5240 **TIBET Xizang PBS** 12/31 1135 lang discussion w/2 men (Klin-NY)
- 5678 **PERU R Ilucan** 12/22 2335 talk, ads (Fair-VEN)
- 5810 **USA R Taipei** Relay 12/25 2240 EG nx, Xmas mx, ID 2256 (Fair-VEN)
- 5835 **KALININGRAD? R Nederland** Relay 12/9 2104 EG chit chat, mx (Klin-NY) 12/30 2122 list of target areas, IS. Bueschel lists as Kaliningrad to end of Oct, then Moscow (Sgru-NY)
- 5883 **VATICAN Vatican Radio** 12/25 2300 SP religious talk (Fair-VEN)
- 5890 **USA Vo Greece** Relay 12/7 0215 GK/EG mx, news, ID (Klin-NY)

Thank you to Michael Beu, 1st time contributor. Good to have some representation from Texas. Thank you to all who sent in their loggings. A very nice selection .

International Band Loggings

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- 5955 **COLOMBIA** *Caracol* in SP 1850, ads, ID "Feliz navidad de Caracol, Colombia" (Merry Christmas from Caracol, Colombia), good sig but poor modul (Fair VENEZ 12/23)
- 5975 **UZBEKISTAN** *R Tashkent* in EG 1200, 1/2 hr pgm in EG, //5060, 6025, 9715 (Brandi NJ 12/31)
- 5985 **CONGO** *R Congo* Brazzaville in FR 2032-2212, tlk, ID's, Afro mx including Papa Wemba, Christmas greetings, dedications, phone-ins (Brandi NJ 1/7, Brouillette IL 12/24, Klinck NY 12/15)
- 5990 **CUBA** *China R Int* relay in EG 2306, pgm on AIDS in China, stress safe sex (Newbury NE 12/1)
- 6000 **CUBA** *RHC* Havana in EG 0100, "Year in Review", US lost out w/Elian Gonzalez (Linonis PA 12/31)
- 6020 **CANADA** *R Nederlands* relay in DT 0130, chimes IS, ID, fqy, sked, feature, g (McGuire MD 12/20)
- 6055 **JAPAN** *R Tampa* in JP 1259, stately march mx, time pips, ID, tlk, //9595 (Brandi NJ 1/6)
- 6100 **CANADA** *Deut Welle* relay in GM 0550, Duke Ellington jazz, piano concerto in F (Newbury NE 12/4)
- 61104 **IRAN** *VOIRI* Kamalabad in EG 1940, nx, //9022, some splash from BBC (Brandi NJ 12/19)
- 6120 **GERMANY** *R Vilnius* relay in EG 0037, rpt on role of women in Lithuanian society, g (McGuire 12/9)
- 6130 **LAOS** *Lao Nat R* Vientiane in Lao 1157, mx, usual 7 Big Ben gongs, ID?, signature tune, into nx(p) to top of the hour, p (Sgrulletta NY 12/24)
- 61348 **BOLIVIA** *R Santa Cruz* in SP 0940, lively Latin vcls, TC's, ID's, vg (D'Angelo FCDX/PA 12/15)
- 6145 **GERMANY** *Deut Welle* Wertachtel in EG 0100, IS, ID, rpt on prison riots in Turkey (McGuire 12/20)
- 6155 **UNITED KINGDOM** *R Telefis Eireann* relay in EG 0130, nx, wx, finance rpt (Limbach PA)
- 6165 **VATICAN STATE** *Swiss R Int* relay in EG 2003-2030*, "Spotlight Business", p-f (Field MI 12/15)
- 6175 **USA** *BBC* relay Delano CA in EG 0615, vocalist on performing in India, explanation of Hindu mx, ID, nx, g (Witham HI 12/15)
- 6175 **CANADA** *BBC* relay Sackville in EG 0209, cmntry on farming, nx re Istanbul, exc (Pace IA 12/18)
- 6190 **GERMANY** *Deutschlandfunk* Berlin in GM 0736, all GM pgmg, nx, ID 0800 (Kohlbrener PA 12/27)
- 62055 **RUSSIA** *Vatican City* relay Chita in VT 1245-1345*, relig pgmg, bells IS, p (Alexander PA 12/23)
- 6240 **ARMENIA** *TWR* relay in Kazakh 0027, instrumental mx, IS's, fqys, ID (Brandi NJ 12/31)
- 62493 **EQUATORIAL GUINEA** *R Nacional* in SP 1953, Afro pop mx, ancmts, ID's at 2018 & 2105, ballads, QRM, strong het (Brandi NJ 12/19, Fair VENEZ 1/1) in Vern 2205-2305*, lcl choral mx, s/off w/NA, weak signal in noise (Alexander PA 12/24)
- 6280nf **ISRAEL** *Kol Israel* Tel Aviv in EG 0500, ex-11605, nx, wx rpt, ID, rpt of peace conf in US, financial nx, into HB 0515* (Alexander PA 12/23, Witham HI 12/18, Field MI 12/24)
- 66735 **PERU** *R Andina* in SP 0216, Andean mx, ID, sudden s/off 0220, g (Montgomery PA 12/22)
- 6971 **ISRAEL** *Galei Zahal* in HB 2259, US pop mx, long phone calls from listeners, f (Brouillette IL 12/31) also rptd on 6937 on 1/1 at 1902—apparently a technician's punch-up error (Hill MA)
- 71201 **ITALY** *R Wonderful* relay via IRRS Milan in GM/EG 2311, mostly techno mx, ID 2305, QTH in EG, Phil Collins tune, ID & greetings in EG 2323, into GM as 510 R International (Montgomery PA 12/23)
- 7125 **GUINEA** *R Nac du Guinea* Conakry in FR 0705, Afro vcls, ID 0708, QTH's, f (Kohlbrener PA 12/22)
- 7160 **ALBANIA** *R Tirana* in EG 0245, lcl mx, nx, ID, cmntry on how Albanians are doing their best to buy toys for Christmas despite high prices (Newbury NE 12/25, Klinck NY 12/16)
- 7180 **MOLDOVA** *V of Russia* relay in SP 0140, political discussion, //7310, 9550 (Witham HI 12/18) in EG 0225, tlk on economic development between Russia & various European countries (Klinck NY 12/23)
- 7160 **ASCENSION ISLAND** *BBC* relay in EG 0300, Big Ben chimes, ID, rpt on UN, p (McGuire MD 12/20)
- 7170 **UNITED KINGDOM** *VQA* relay Wooferton in EG 0500, ID, "News Now", f (McGuire MD 12/28)
- 7185 **BANGLADESH** *Bangladesh Betar* in EG 1258*, tlk re savings in Bangladesh, rustic mx, ID 1249, pgm "Panorama", tlk re problems w/Pakistan in 1971, p w/occas ham QRM (D'Angelo FCDX/PA 12/14)

- 7200 **BULGARIA R Bulgaria** in EG 2040, various items re Bulgaria w/Gershwin's mx bridge (Klinck NY) in GM 0600, nx, ments of Bulgaria, abruptly off 0610, //9400 (Witham HI 12/2)
- 7205 **CYPRUS CBC** Limassol in GK 2213, IS, ID, brief commentary by YL, g (Humenyk ONT)
- 7225 **TUNISIA RTV Tunisienne** Sfax in AR 1849, Mid East mx sels, vcls, //7110, 9720, 12005 best of the four (Costello NJ 1/1)
- 7230 **SLOVAKIA R Slovakia Int** in EG 0120, tlks, mx, IS, ID, into Slovak 0130, //9440 (Witham HI 12/18)
- 7235 **SINGAPORE RCS** Kranji in Malay 2259, fanfare, nx, ID, ads, promos, choppy & QRM (Hill MA 1/3)
- 7255 **BOTSWANA R Botswana** Gaborone in Vern 0251-0330+, barnyard IS, choral NA 0259, Afro choral mx, weak signal, //4820 also weak (Alexander PA 12/23)
- 7285 **THAILAND R Thailand** in EG 1100, ID w/ancmt that next pgm is in VT (Martin GA 12/27)
- 7295 **MOROCCO VOA** relay in EG 0515, "News Now", rpt on Mideast tlks (Limbach PA)
- 7305 **IRAN VOIRI** Sirjan in RS 1730, mx, IS, ID, anthem?, prayers, ment Rossii, g, //7230 (Witham 12/23)
- 7345 **CZECH REPUBLIC R Prague** in EG 2230, IS, ID, rpt on radio/TV broadcasting, g (McGuire 12/29)
- 7405 **BULGARIA R Bulgaria** in EG 0040, operatic pgm, //9400 (Limbach PA)
- 7457v **GREECE V of Greece FTH** Avlis in GK 1850, GK mx, tkl, ID 1900, more mx (Brandi NJ 12/21)
- 74707nf **MOROCCO RTV Marocaine** Tangier in AR 1930, Koranic-style chanting, //15345 (Brandi NJ 12/21)
- 9335 **NORTH KOREA R Pyongyang** in SP 2120, KR mx, ID, beamed to Europe (Klinck NY 12/17)
- 9385nf **UKRAINE R Ukraine** Kiev in EG 0100, nx, cmntry, pgm re lcl agriculture, ID, f-g (Alexander PA 12/9)
- 9390 **PAKISTAN R Pakistan** in Urdu 1740, nx, mx w/voice overs, prayers, ID, p, //11570 (Witham HI 12/13)
- 9435 **ISRAEL Kol Israel** Tel Aviv in EG 2000, pgm on Sephardic Jews of Spain & Portugal, nx abt Arafat & Barak (Robinson TN 12/8, Humenyk ONT)
- 9440 **SLOVAKIA R Slovakia Int** in EG 0115, nx, cmntry beamed to NA, ID, QRM 9445 (Linonis PA 1/3)
- 9525 **CANADA V of Vietnam** relay in EG 0115, mx, ID, rpt on portrait painting in VT (Witham HI 12/18)
- 9565 **RWANDA Deut Welle** relay in EG 0605, IS, ID, nx, ment volcano eruption in Mexico (McGuire 12/20)
- 9580 **GABON Africa #1** Moyabi in FR 0010, pop Afro mx, many ID's, nx 0030, exc (Linonis PA 1/3)
- 9590 **USA BBC** relay Delano CA in EG 0000, Big Ben, new year greetings from Bush House (Newbury 1/1)
- 9605 **GERMANY Swiss Nat R** relay Juelich in IT 1630, IS, s/on in EG, nx in IT, //13780 (Witham HI 12/16)
- 9610 **UKRAINE RUI** Kiev in EG 0400, IS, ID, nx, beamed to E Europe, p, better on 9385 (Alexander 12/9)
- 9615 **ALASKA KNLS** Anchor Point in EG 1305, relig pgmg, mx by Barry Manilow, feature on National Medal of Honor museum in Tennessee, prayer (Martin GA 12/31, D'Angelo FCDX-PA 12/15)
- 9620 **SPAIN REE** Noblejas in SP 2310, Xmas pgm, SP folk mx, "White Christmas" in EG/SP (Newbury NE)
- 9635 **CYPRUS BBC** relay in EG 2145, pgm on American history, sports promo, ID, f (McGuire MD 12/17)
- 9635 **COLOMBIA LV Nac de Colombia** Bogota in SP 0225-0504*, ancmts, lcl mx, Xmas mx in EG, s/off w/vocal NA, strong signal but hum in audio, QRM from BBC* 0500 (Alexander PA 12/23)
- 9667 **NORTH KOREA KCBS** Pyongyang in KR 0605, nx, inspirational choral mx, p (Witham HI 12/15)
- 9675 **ITALY RAI** Rome in IT 2300, tkl re California vino, fermentosa Italiano, song re vino (Robinson 12/8)
- 9700 **SOUTH AFRICA TWR** relay in Baoule 1905, Afro mx, talk in language, ID (Klinck NY)
- 9715 **UZBEKISTAN R Tashkent** in EG *1330, nx, cmntry, lite instrul mx, //5975 (Alexander PA 12/31)
- 9730 **FRENCH GUIANA China R Int** relay in EG 0405, China tourism brings in big money (Newbury 1/3)
- 9735 **UNITED KINGDOM Wales R Int** relay in EG 0315, tkl on worst uses of cheese, mx (Martin 12/30)
- 97375 **PARAGUAY R Nactonal** in SP 0135, SP ballads, TC, traditional Paraguay mx, brief ID's, full ID 0200 (Fair VENEZ 12/27, Humenyk ONT 11/30)

- 9740 **IRAN VOIRI** Sirjan in RS 2010, tlk, regional mx, ment Iraq, Iran, Afghanistan, p //9790 (Witham 12/3)
- 9760 **AUSTRIA R Canada Int** relay in EG 0500, ID, Net QTH, fgy, sked, "Canada Today", g (McGuire 12/7)
- 9765 **CANADA Deut Welle** relay in EG 0100, "Newslink" re women in German military (Linonis PA 1/3)
- 9770 **SRI LANKA SLBC** Colombo in EG 0155, relay of Evangelical pgm, ID, nx, //15425 (Kohlbrenner 1/5)
- 97796 **YEMEN Rep of Yemen Radio** Sana in EG 1820, tlk re lcl mx, nx, ID, rap & pop mx (Brandi NJ 12/19)
- 9810 **THAILAND R Thailand** in EG 1230-1259*, nx, Thai mx, discussion on women's rights, ID, financial nx, g (Martin GA 12/29, Alexander PA 12/23)
- 9845 **JAPAN R Japan** Tokyo in JP 1640, soothing instrum'l mx, tlk, phone interview, tilking over mx, f //12045, p (Witham HI 12/16)
- 9895 **UNITED KINGDOM R Telefis Eireann** relay Skelton in EG 1810, rpt on conference to improve EG & Irish relations, p (Witham HI 12/13) ED: This xmsn is a daily half-hour one from 1800-1830.
- 115948 **GREECE R.S. Makedonias** Thessaloniki in GK 1916, GK mx with DJ (Klinck NY 12/9)
- 11625 **GUAM KSDA Agat AWR** in Burmese 1455, organ mx, ID, QTH Poona, India, ID in EG w/invitation to stay tuned for Nepali bcst coming up (Brandi NJ 1/5)
- 11640nf **SOUTH AFRICA World Beacon R** relay in EG 2100, religious bcst, QTH's for S Africa & Nigeria, DX pgm at 2124 w/Scott Westerman (Field MI 12/17)
- 11650 **CHINA China R Int** Xi'an in CH/SP 0045, lesson in CH beamed to S, America (Klinck NY 12/18)
- 11665 **PAKISTAN RP** Islamabad in AR 1755, tlk by OM, regional mx, ID, more tlks, p (Witham HI 12/13)
- 11680v **NORTH KOREA KCBS** Kanggye in KR 2130, pgm of KR mx with DJ (Klinck NY 12/9)
- 11710v **NORTH KOREA R Pyongyang** in EG 0000, nx, cmntry, KR mx, ID's, many //s (Alexander PA 12/10)
- 11715 **INDIA All India Radio Panaji** in EG 2100, nx, cmntry, ID's, mx (Klinck NY 12/31)
- 11720 **AUSTRIA R Canada Int** relay in EG 1805, soccer results, "Canada Today", QTH, f (McGuire MD)
- 11720 **THAILAND VOA** relay in EG 1907-1959*, women hosting pgm of song requests, s/off in mid-song w/out usual s/off ancmts, f (D'Angelo FCDX-PA 12/14)
- 11770 **MEXICO R Mexico Int** in EG 2220, DX pgm, QTH in SP/EG 2230 (Kohlbrenner PA 12/19) in SP 1436, ID, frequent ment'g Mexico, pop mx, f (Racenis 1/3)
- 11805 **GREECE VOA** relay Kavalla in EG 0630, "News Now", ID, rpt on Supreme Court, f (McGuire 12/10)
- 11820 **SRI LANKA VOA** relay in EG 0200-, "News Now", ID, rpt on Iraq, g (McGuire MD 12/12)
- 11830 **ROMANIA RRI** Bucharest in EG 0445, tlk, violin mx, lcl mx, ID, fgy, sked, p (Witham HI 12/18)
- 11855 **ASCENSION ISLAND R Japan** relay in EG 2135, "Music Archive 1980", ID (Limbach PA)
- 11915 **GABON R Japan** relay in SP/IT 0525, regional nx, fgy, sked, ID, into IT 0530, g (McGuire MD 12/20)
- 12025 **RUSSIA R France Int** relay Irkutsk in FR 0011, ID, correspondents' rpts, f (Brouillette IL 1/3)
- 12060nf **MADAGASCAR V of Hope** in EG/Sudanese 0455, choral mx, discussion on restoring peace in Sudan, more tlk on conflicts in Southern Sudan & suggesting peace conf, g, //15320 exc (Witham HI 12/15)
- 12065 **RUSSIA R Nederlands** relay Irkutsk in EG 1000, ID, pips, scientific nx, p, //9790 (McGuire MD 12/11)
- 12579U **DIEGO GARCIA AFN** relay in EG 2116-2210, "Vertical Horizons" w/Todd Baker, pop mx, PSA for motorcycle safety pgm, ID 2200, into CBS nx, p under RTTY, //126895 (Kohlbrenner PA 12/26)
- 13605 **INDIA AIR** Bangalore in EG 0030, regional nx, rpt on food distribution in Iran, ID, f (Witham 12/20)
- 13640 **CANADA R Telefis Eireann** relay Sackville in EG 1830, Irish national sports bulletin, Irish ads, abrupt s/off at 1900 (Klinck NY 12/16)
- 13710 **BOTSWANA VOA** relay in EG 2143, "News Now", ID (Limbach PA) ED: Please give date heard.
- 13730 **AUSTRIA RAI** Vienna in EG 1338, "Radetsky March", New Years concert finale, p (Racenis 1/1)
- 13765 **SWEDEN R Sweden** in SW 1650, tlk, bells, organ mx, hymn, f, //15495 f (Witham HI 12/16)
- 15075 **INDIA AIR Aligarh** in EG 1000-1100*, nx, ID, HD mx, more nx 1055, new time block for EG xmsn, back on at *1112 with listed Tamil at 1115, vg (Alexander PA 12/31)
- 15100v **PAKISTAN RP** Islamabad in Urdu 1440, subcont mx, tlk by YL, pips, nx, many ments Pakistan, much QRN and splash from 15105, small fgy drift to 1509997, //11570 (Brandi NJ 12/30)

- 15190 **PHILIPPINES R Pilipinas** in EG 1910-1930*, culture feature, full ID 1912, another tlk feature, s/off with ID and ancmts, f (D'Angelo PA 12/29)
- 15195 **JAPAN R Japan** Tokyo in EG 0525, Puccini opera mx, "Hello from Tokyo", g, //21755 (Witham 12/15)
- 15215 **SOUTH AFRICA Channel Africa** in EG 0600, bird IS, ID, fighting Aids pandemic in Africa, Afro mx, (Newbury NE 12/4, McGuire MD 12/10)
- 15290 **PHILIPPINES VOA** relay Tinang in EG 2353, beamed to E Asia, "News Now" (Limbach PA)
- 15335 **PHILIPPINES R Veritas Asia** in Bengali 0112-0126*, tlks, ID, instrm'l mx, QTH, trumpet fanfare, ID in EG at s/off, p (D'Angelo PA 12/30)
- 15360 **SINGAPORE BBC** relay in EG 0020, rpt on Cuba, ment of Brazil, scientific nx, ID (McGuire 12/14)
- 15395 **THAILAND R Thailand** in EG 0100, Western style pop mx, possible request pgm (Linonis PA 1/1)
- 15425 **SRI LANKA SLBC** Colombo in EG 0115, old-time religious mx, ID, //9770 (Martin GA 12/18)
- 15520 **UKRAINE RUI** Kharkov in EG 1200-1300, lcl folk mx, ID, special on what to expect on New Years Day in Ukraine, f (Alexander PA 12/23)
- 15530 **PHILIPPINES R Veritas Asia** in VT 0130, fanfare, ID in EG, ezl instrum'ls, p-f (D'Angelo PA 12/30)
- 15785 **ISRAEL Galei Zahal** Jerusalem in HB 1653, ezl mx, DJ voice overs w/instrum'ls, fanfare, pips at TOH, YL with short newscast, listed 10 kw power by PWBR (Sgrulletta NY 12/24)
- 17870 **SWEDEN R Sweden** in EG 1340, interview re old-fashioned tradition."60 deg. North" (Humenyk ONT)
- 18960 **SWEDEN R Sweden** in EG 1440, tlk re Sweden assuming presidency of European Union (Racenis 1/1)
- 21630 **ASCENSION ISLAND R Telefis Eireann** relay in EG 1835, tlk re monster football and hurling, taped Rpt, f, //13640 (Humenyk ONT 11/19)
- 21725 **SOUTH AFRICA Channel Africa** in EG 1314-1345, ID 1318, nx of world cup events, interludes of Afro mx, tlk re S African movie directors, tlk by Pres Mandela, //17780, 21725 (Montgomery PA 1/8)

Clandestine, Tentative, Presumed, or Unknown

- 5950 **RUSSIA? V of Russia** Kaliningrad(p) in EG 2122-2200*, mailbag, IS, nx, pgm re Russian jazz, guitar feature, QRM (D'Angelo FCDX/PA 12/15) ED: Pgm change from GM to EG coincides w/latest listing
- 60349 **CHINA(t) Yunnan BC Station(p)** in CH 1200, YL in CH, not .// to CNR nx at TOH (Maroti NY 1/13)
- 6085 **GERMANY(t) Bayerischer Rundfunk(p)** in GM 0550, tlks, rpts, ID lost in QRM, vp (Witham HI 12/15)
- 62655rf? **UNIDENTIFIED** in lang? 0310-0455 f/o, mx of Africa, tlks, no EG, ID? Zambia?? (Field MI 12/24)
- 65358 **PERU(t) R Huancabamba(t)** in SP0106, ID?, interesting rancho type mx, QRM (Montgomery PA 1/9)
- 6940 **ETHIOPIA(?) R Fana(?)** in lang? 0450, nx?, talking abt Israel, no ID, p (Field MI 12/25)
- 7070nf? **SOMALIA(t) R Banaadir(t)** in lang? 2000*, instrum'l mx, Horn of Africa vcl, ID not clear, fair sig but reception marred by possible jamming (D'Angelo FCDX-PA 12/15)
- 7295 **MALAYSIA(p) Radio 4(p)** in EG 2252, lively DJ chatter, pops, nx?, choppy read for ID (Hill MA 1/1)
- 9515 **UNIDENTIFIED** in SP0150, cmntry on Pakistani terrorists, tlk on Ramadan, Koran readings, exc sig ED: Probably Teheran, Iran listed in SP from 0030-0230 beamed to SA and CA.
- 97042 **ETHIOPIA(p) R Ethiopia(p)** in Amheric? 1513, tlk, mx unmistakably Ethiopian-type (Brandt NJ 12/25)
- 10320U **ICELAND(p) AFN** relay Reykjavik(p) in EG 0245, US pop mx, requests via Internet (Linonis PA 1/3)
- 11940 **UNITED ARAB EMIRATES(t)** in AR 1850, tlk over prayers, no discernable ID 1900 (Witham 12/20)
- 13625 **CLANDESTINE R Free Asia** relay Tinian in Mandarin 2055, tlk, phone interview, ID in EG & Mand'n slightly overmodulated, f (Witham HI 12/16)
- 15820U **ARGENTINA** Unknown station in SP 0225, fanfare but unable to copy ID (Sgrulletta NY 12/18) ED: Must be the feeder for R Rivadavia/Continente in Buenos Aires only station listed on 15820.

NOTE: Since I plan to be out of town between March 18 to 24, it will be appreciated if logging reports for the April issue can be sent to Robert Montgomery by March 5 if sent by surface mail or March 10 if transmitted by computer—WCT



14th Annual Winter SWL Fest

Sponsored by **NASA**

March 9-10, 2001
Best Western—The Inn at Towamencin
(formerly Holiday Inn),
Summeytown Pike, Kulpsville, Penna.

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

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

The new year brings a few changes to the 'Fest. First is that the name of the hotel has changed. The location and staff are still the same, however, and so, presumably, is the excellent service we get every year. Second, lunch on Saturday has been upgraded to a pizza & salad buffet. Third, there is now an incentive for you to pre-register, as prices are more expensive for those who wait. Registration options are also more flexible, with new one-day and student registrations.

Early Registration (rec'd by March 2, 2001)

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

GRAND PRIZE To be announced

SPECIAL Register early to win a SW portable! One free entry for an early-bird registration received by February 12, 2001.

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

Checks should be made payable to WINTER SWL FEST. Register directly with the hotel for your rooms by calling the Holiday Inn at (215) 368-3800. For 2001, one special rate **\$75** single or double! Tell the hotel staff you're with the WINTER SWL FEST to receive this special room rate. *You must make your reservation directly with the hotel to receive this rate; reservations via the Best Western 800 number or web site are not eligible for this rate.* Up to the minute info. can be found on the Winter SWL Fest Web Page at <http://www.trsc.com/winterfest.html> or from <http://www.anarc.org/naswa/>.

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

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

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

NAME: _____ (SPOUSE'S NAME) _____

ADDRESS: _____

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

REGISTRATION:

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

BANQUET:

- Roast Beef
- Chicken

RAFFLE TICKETS:

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

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

Registration cancellations after 2/28/2001 cannot be refunded, however we will refund raffle ticket money if you have to cancel.

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