

The **NASA** Journal

VOLUME XLI NUMBER 11

NOVEMBER 2001

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希望の声 | *La Voix de l'Espérance*
Reménység Hangja | *La voz d'Esperanza*
صوت الرجاء | *Tinig Na Pagasa*
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A Voz da Esperança | *Ashar Bani*
희망의 소리 | *Jeeva Jyothi*
صوت امید | *The Voice of Hope*

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TEN-TEC
RX-350

The new Ten-Tec RX-350 brings you the world of IF level digital signal processing in a powerful desktop SWL receiver unlike anything that has come before it. What benefit does IF-DSP provide the shortwave listener? Cleaner signal readability. Plus DSP can eliminate heterodynes and limit spurious broadband noise instantly by pushing buttons. Take advantage of the wide variety of DSP filter choices built-in to the receiver to suppress undesired adjacent interference. Use these same filters to tailor the response of the receiver to your needs - from a wide 8 kHz for pleasing SAM or AM audio to a tiny 300 Hz for digging weak CW and digital mode signals out of the noise. There are 34 of them built-in. That's right, 34, not 2 or 3 built-in, and not sold as expensive options! IF-DSP also allows Flash ROM updating of your receiver with the latest features and functions. Free! If new functions and features are added to the RX-350, simply visit the Ten-Tec website, download the latest version of the receiver, connect it via a serial port cable to your RX-350 and it's as if your radio rolled off the assembly line minutes earlier.

The RX-350 features a clean, modern look featuring a large multifunction LCD graphics panel for display of all receiver functions. Push-button operation of major receiver controls are provided from the receiver front panel. Simple, logical layout of front panel controls allow operation of the radio without having to constantly refer to the instruction manual. Never has such a powerful receiver been so easy to operate.

RX-350, covering 100 kHz to 30 MHz, supports operating modes tailored to the dedicated shortwave listener. Selectable sideband, synchronous AM detection allows higher quality reception of AM signals especially under conditions of severe fading. DSP automatic notch filter for suppressing unwanted carriers in voice modes. Push-button DSP noise reduction to suppress unwanted broadband noise. The built-in 34 bandwidth filters from 300 Hz to 8 kHz are instantly selectable by turning a knob. All filters are independent of mode - use any available filter in any receive mode. Mode selection via dedicated push buttons rather than 'mode-cycling' with a single control. 'FAST UP' and 'FAST DOWN' buttons for quick large-step frequency changing. FAST UP and FAST DOWN buttons are user-configurable for step sizes, 1 MHz, 500 kHz, 100 kHz up or down. Main tuning knob can be adjusted in 7 user-selectable step sizes from 1 Hz to 100 kHz steps. Passband tuning and manual notch control are available in all modes, including synchronous AM.

Momentary 'SWEEP' function shows band activity in 8 selectable coverage rates. Find the signals without even being on frequency! Simply tune to a desired frequency, select one of 8 SWEEP ranges, and press the SWEEP button. Signals will be shown on the bar graph on opposite sides of the starting frequency. A cursor will appear and allow you to tune RX-350 to any signal visible on the screen. Easy!

128 memories that retain frequency, mode and bandwidth information. Memories are grouped into several banks for easy storage of frequencies from different bands. An alphanumeric tag function of up to 8 letters allows memories to be tagged with specific names like "WSEV 930" or "VOA", etc.



Scan functions allow scanning of band segments or memory banks. Memory bank scan feature includes a memory lockout function for skipping constantly busy channels. Band scanning is user-programmable; set the start and stop frequencies, push a button and the radio starts to scan between the two frequencies.

Built in clock displayed on LCD screen displays hours, minutes, and seconds in user-selectable 12 or 24 hour format. Timer circuitry and a squelch-activated output allow for monitoring and/or taping of band activity even when the user is not present. Timer function allows the radio to be set in a 'wait' mode, to power on at a specific time and to send a control signal for activation of accessory equipment. Two separate timer outputs are provided for connection of two separate devices to be actuated by the timer circuit. The squelch-activated output allows the radio to be left on and squelched on a given frequency. When a signal is present to open the squelch, an actuation signal is sent via a rear-panel jack.

Rear panel Hi-Z and Lo-Z antenna inputs allow connection of virtually any antenna to the RX-350. Built-in AC switching power supply allows operation of RX-350 from either 115 or 230 VAC. Separate DC power input/jack can be used for 13.8 VDC operation. AC and DC supply can be connected at the same time for back-up. Plug the RX-350 into the wall and connect to battery supply. If the AC power goes off, the connected DC source automatically takes over power to the receiver. Mute function for muting of receiver if used with a companion transmitter. 12.125x5x13 inches.

An optional remote encoder knob/keypad, model 302, is available for armchair operation of the RX-350. Simply plug the 302 into the rear panel of the RX-350 via the provided 6 foot cable. The 302 provides a duplicate of the main tuning knob of the receiver, a direct frequency entry keypad, and three functions buttons that can be user-assigned to control various receiver functions like mode switching, main tuning knob step size, SWEEP actuation, etc. The main tuning knob on the receiver front panel and all other receiver functions are active even when the 302 is in use. Sit back and relax!

No other shortwave receiver packs this much value 'under the hood'. To top it off, it's MADE IN USA and competitively priced! Put the RX-350 side-by-side with your present HF receiver and see for yourself why Ten-Tec is the fastest growing name in high-quality shortwave receivers. One year limited warranty. This product is expected to ship in early December. *14.95 UPS shipping in 48 states. Universal is accepting orders now.

Ten-Tec RX-350 Order #0350 ***1199.00**

Please visit www.universal-radio.com for complete specifications, color photos and further technical information.

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www.DXing.com

- Glenn Hauser's Continent of Media
- Glenn Hauser's DX Listener Digest
- Favorite Tube Type SW Receivers
- Don Schimmel's Radio Intrigue
- Joe Carr's Tech Notes
- Modern SW Receiver Survey

Oops! Last month's column talked about the importance of member's responding to the **brief survey** scheduled to appear in October's *Journal*. A funny thing happened on the way to the print shop, my dog ate the survey. Okay, it's a lame excuse and it didn't work in grade school either (I didn't have a dog then and I still don't have one today). Nevertheless, the survey, although very brief, is important and we will include it in this month's *Journal* provided Rover isn't hungry again. Historically, NASWA has surveyed its membership about radio related subjects with member participation enabling the club to continue as the best shortwave outfit in the business. As I mentioned last month, the club needs to gauge how electronically capable the membership is at the moment and whether members would be interested in electronic projects to enhance the overall value of being a part of the club. We are looking at projects to further enhance our overall membership value (See the Big Announcement Department that follows for details about one such project). Your participation is extremely important. Please go to the survey, answer the five questions contained in the survey and return your answers either by postal mail or e-mail to Mike Wolfson as soon as possible. Thank you for your assistance. It is very much appreciated!

From **Paul Ormandy** we learn that the New Zealand Radio DX League now offers DXers worldwide the option of receiving their monthly *DX Times* magazine in Adobe PDF format. This allows for rapid delivery of the magazine and, more importantly for overseas members, a more cost-effective alternative to the printed magazine option. The subscription levy for overseas members is US\$10.00. A sample copy of the *DX Times* is


available for reading on-line or downloading at: <http://radiodx.com/spdpx/edxt.htm>. Subscription details are at: <http://radiodx.com/spdpx/subscription.htm>. Credit-card payment is available.

From member **Bob Padula** (404 Mont Albert Rd, Surrey Hills, Victoria 3127, Australia; E-mail: bobpadula@bigpond.com) we learn that the *Australasian Shortwave Guide, Edition 12*, is now available. The 32-page, A5 format, print publication guide covers the international shortwave transmission period B-01 up to March 30, 2002. It gives comprehensive information of English schedules to Australia, Asia, the Indian sub-continent, the Far East, and the Pacific, and broadcasts in other languages to Australia and the Pacific. The data, consisting of some 1500 entries, is arranged in two sections—by studio country and starting time. Each entry shows the broadcasting organization, frequency, starting time, finishing time, language, target region, transmitter site, transmitter country, studio country and days of operation. *The Guide* has become a popular and topical source of reliable information during its many years of publication. It is compiled from an extensive worldwide network of broadcasters, frequency planners, engineering consultants, professional monitors, hobby monitoring clubs, supported by contributors to the *Electronic DX Press* and *Shortwave Australia* and the author's extensive monitoring. In Australia the Guide costs A\$10 postpaid (cash, personal check, bank check or Money Order. Outside of Australia (airmail) the Guide costs US\$10 (Euro 10, A\$20)—cash (any currency), Money Order, Bank Draft, Traveler's' Checks, or 13 IRCS. All Checks, Orders, and Drafts must be in Australian dollars and payable at Australian banks.

OUR MOTTO IS - "UNITY AND FRIENDSHIP"

Please don't forget that all communications for NASWA Headquarters should be directed to our Publisher/Business Manager **Bill Oliver** at the new electronic address, naswa@earthlink.net, or to the familiar 45

Wildflower Road, Levittown, PA 19057 address.

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

FRENDX: Twenty Five Years Ago....

Charlie Loudenboomer provided his favorite program listening favorites which included, Let's Speak Quechua, Ralph and Ron's Radio Repartee, Great Literature of the Subandis. Gilfer Associates was offering NASWA members an exclusive \$2.50 discount off the \$10.95 cover price for the 1977 *WRTH*. Kim Andrew Elliott reports that the recent comprehensive survey of NASWA members had a 75% response. Results and comments were being published in installments as spaced allowed. In Jerry Linebach's *Shortwave Center*, Jim Ronda and Ed Insinger compile information from various reports about the FRG-7 while Ed Shaw continues his series on the R-390 and Al Drehman writes about his visit to ORF Vienna, Austria. In Bill Oliver's *QSL Report*, 8 different stations from Colombia was reported with three coming from Henry Lazarus. *Log Report A* editor Dan Robinson noted he "almost had to hire someone to help carry all the loggings up to my room this month" due to the high volume of reports. Greg Ravenhorst welcomed 19 new reporters among the 77 that send in logs for *Frendx* in November.

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.

Adie N. Durden III (ARS WD4JBV), andurden@worldnet.att.net, 840 Westview Drive, Albany, GA 31705

I presently have 35 Peruvians verified. For whatever it's worth, I'm in the process of preparing another barrage of follow-ups in an effort to try and eke out one or two more OA verifications from the list of some 40+ unanswered reports that are still outstanding. Probably the best reception report I ever sent out in terms of accuracy and program detail was to Radio La Merced-6755 de Distrito de Tongod. I was 100% sure that they wouldn't be able to ignore that one, but I'm still waiting some six years later and countless reports in the hole. I even attempted to make telephone contact with the gerente, but due to the precarious connections, was unable to get through. I ended up asking Sabino Llamas Chavez at Radio Satellite for help in getting this verification. Apparently, he knows the gerente (Roberto Llatas) at Radio La Merced, and was going to have a copy of my report delivered directly to Sr. Llatas via an ex-employee of Radio LaMerced with a personal recommendation to verify my report. I guess the llama took a wrong turn somewhere along the path as that proved to be another unfruitful venture. Takayuki says he doesn't think they have regular mail delivery in the Distrito de Tongod. I imagine this one's QRT by now unless they may still be running an AM operation down there. It seems antithetical to proper reporting procedure, but it seems like sometimes the more effort you put into a particular report, the less chance you have of getting the reward....

Sounds interesting about maybe making it up to one of the SWL or DX gatherings next year; I would really like to, but not sure if actually feasible due to travel distance. I know I would enjoy meeting some other bonafide DXers, and it would probably do me some good to head up north for a change instead of just automatically trekking down to the Gulf Coast every opportunity I have to get out of town. I'm looking forward to greater involvement in club participation, and as a matter of fact submitted some loggings via email before last month's deadline, but for some reason they didn't come out in this month's bulletin. It also sounds like a great idea about inaugurating the flash sheet email service which I would definitely sign up for to get timely updates. Speaking of updates, I'll bet I'm about the only one who stashed away and kept those mid-month updates that NASWA used to put out. I have a pretty complete collection from September 1976 through June 1984. John Moritz Jr. was putting out the update bulletin in 1976 when it was known as *DX Hotline*. Tom Alleman took it over in 1977 when it was simply called *update*. My equipment is still unchanged from the early glory days. My first real communications receiver was a Realistic DX-160, graduating to an FRG-7 in 1978. The DX-160 got tossed out somewhere along the way, but my 'Frog' and Gilfer GAR-7 frequency counter are still in good shape even though they rarely get turned on these days. Acquired in 1983 my present day primary receiver which is the JRC NRD-515 with outboard Sherwood SE3 phase-locked detector and MFJ Versa Tuner III. The only other accessories I use are the NDH-518 memory unit and NCM-515 controller. For amateur radio, I use an older model Yaesu FT107-M solid state transceiver. Haven't been able to afford any new equipment since my carefree and single days when it was nothing to shell out a kilobuck on a worthwhile receiver. Maybe one day my lottery numbers will come through and I'll take a look at the latest offerings.

Well, that's about it. Keep up the good work, and maybe we'll get a chance to meet some day. 73, Adie

Gene Borowski <Ejb3691@cs.com>, 139 Regan Avenue, Staten Island, NY 10310

This morning's *New York Post* ran an editorial on the VOA ("Media Muddleheads"). I thought that you might find it interesting. I would like to get opinions from other members...In times like these do other members feel that the VOA should stay neutral or should they turn up the propaganda to support the US position?

"September 30, 2001—Last week, the Voice of America broadcast an interview with Mullah Mohammed Omar, a Taliban leader. It was part of a package on the war and the Afghan response to President Bush's recent address. VOA is a taxpayer-funded radio "station" that broadcasts worldwide news and information about the United States, in a host of languages. For decades, it has been the only pro-West, pro-democracy news option for many non-free nations across the globe.

Last week, the State Department—which holds a seat on the board of VOA—registered its strong disapproval of the interview. As one official put it, "Voice of America is not the Voice of Mullah Omar and not the Voice of the Taliban." Rightly so. VOA complained that it needed journalistic freedom to provide "balance."

Predictable objections ensued: "If this is an indication of the gag order they're going to impose on us, we can't do our jobs," whined one VOA staffer. They went ahead with the broadcast. Hello? Voice of America? Didn't anyone tell you? There's a war on. You're supposed to be delivering propaganda!

A state of war now exists between those who harbor terrorists and the United States. This means that even regular, private-sector, news organizations are going to have official information limited—on national security grounds. If the VOA staffers are so enamored of journalistic freedom, they should quit. They'll find jobs quickly with either CNN or Reuters

News Service, where “moral equivalence” is the rule. Both agencies have decreed that the destruction of the World Trade Center should not be termed a “terrorist” act.

CNN claims it's just bending over backward to protect the presumption of innocence. A spokeswoman told *The Wall Street Journal*: “CNN cannot convict anybody; no one has been judged by a court of law.” People should be “defined by their actions,” says CNN—which means that those who brought down the Twin Towers and killed 6,000-plus people in cold blood should be called nothing stronger than “alleged hijackers.”

Reuters won't even accept the notion of terrorism, period—proven or not. “We all know that one man's terrorist is another man's freedom fighter and that Reuters upholds the principle that we do not use the word terrorist,” wrote the agency's global news director, Steven Jukes. Jukes added: “We're trying to treat everyone on a level playing field, however tragic it's been and however awful and cataclysmic for the American people and people around the world.” Ah, yes, just like the Voice of America.

What a shame that American news organizations—whether publicly or privately operated—don't seem to understand that the freedom of the press they revere so highly would cease to exist if the Sept. 11 terrorists—not “freedom fighters”—were to win the current war.”

Finally, I really wonder what the good folks at the BBC are thinking? Check this out...after all their BS about broadcasting over FM here in the US they actually cut back broadcasting time here in the New York area! The BBC broadcasts overnight here in NYC on two different stations and both have cut out the last hour, so instead of going off the air at 6:00 they're gone at 4:50! Go figure! Sure, I don't have to listen to Vicki Barker any longer, but c'mon!

Gerald W. Murphy, MD, 618 South Road, Scottsville, NY 14546

At last someone has specifically mentioned to Musing readers the new and quite powerful, very annoying, interfering signal degrading parts of the 60 meter band (See Audie Durden *NASWA Journal* Oct 01, p. 5). This has been going on for several months. I have noted the following features:

1. The audio component has a medium-high frequency “wheep” to it, occurring at 1-second intervals when not tuning the receiver.
2. It occurs most notably from 4770 to 4800 and then again from 4890 to 4915.
3. It is not local—audible in central Ontario, Canada and all over Western New York State.
4. Using an analog receiver (R-390-A) the interval between “wheeps” varies with tuning up or down band and the duration of each “wheep” also shortens or lengthens. Going up band, increased frequency of “wheeps,” shorten duration; going down, the reverse. Sounds like some kind of narrow burst-sweeping signal going down band direction.

Is this some abysmal form of radar akin to the Soviet “woodpecker” of the past? Somewhere out there in the club there must be an aficionado who can provide an answer.

This is my first letter to NASWA. I am one of the “silent majority” but this did get my attention. I have 52 years of listening experience along with lots of building projects, repairs, and modifications to my receivers and antennas. I have currently 8 radios from current, modern back to late 1940s.

Maybe this letter will break the ice for other passive members. If I can do it, you can do it, too.

Contribute!

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

Calendar Of Events

Nov 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: dcscckp@aol.com.

Nov 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 508-470-1971 or Internet: 74007.3434@compuserve.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>

Dec 14 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>](mailto:mmeece@siscom.net). For additional information about MONIX, check out their web site at [<http://www.siscom.net/~mmeece/monix.html>](http://www.siscom.net/~mmeece/monix.html)

Mar 8-9, 2002 Convention. The 15th Annual Winter SWL Festival, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 8th and 9th March 2002. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!

May 3-5, 2002 Annual General Meeting. The Danish Shortwave Club International will hold its **Annual General Meeting and DX Camp** at the Scout Camp Vardeborg on the weekend of May 3-5, 2002. The possibilities for DXing are ideal in the sand dunes at the West coast of Jutland. Further details later on.

Aug 16-18, 2002 Convention. The annual **European DX Council Conference** is tentatively scheduled at a camp near Pori, Finland on 16-18 August 2002. More details to follow.

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).

NASWA

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

Club Survey

Your club's Executive Council feels it is time (once again) to assess the electronic capability of its membership for various projects under consideration. Your participation in the following brief survey of computer usage will be most helpful in designing potential club activities to enhance the overall value of club membership. Please take a few moments to provide the following information and to answer the following five (5) questions.

Name:

Postal Address:

- 1) Do you have e-mail capability?
- 2) If so, what is your e-mail address?:
- 3) Would you like to receive information about the club from time-to-time via e-mail?
- 4) Would you be interested in receiving "hot" DX news and loggings electronically?
- 5) Would you like your name and e-mail address included on a membership list on our website?

Return by postal mail or electronically to:

Mike Wolfson
1842 Mifflin Avenue
Ashland, OH 44805
E-mail: mwolfson@bright.net

Tabulating will start immediately so please get started. Results will be presented to the Executive Council in December and (hopefully) published in January's Journal. Therefore, please plan to provide your answers to Mike by November 30, 2001.

Thank you in advance for your participation.

Executive Council

Jerry Berg, Ralph Brandi, Bob Brown, Harold Cones, Rich D'Angelo, Fred Kohlbrenner and Bill Oliver

Easy Listening

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

North America Rediscovered Shortwave

There has been continued interest shown in shortwave listening in the ongoing response to terrorism. A *Houston Chronicle* article painted shortwave in a very positive light, especially in getting news from the Middle and Near East. A recent NPR article emphasized Americans' significantly increased interest in international news, though their spin was much more Internet-oriented than shortwave oriented. If it ever quiets down here, I'll send them an E-mail in reply.

Because Americans are more interested in international affairs, I have found myself with increased opportunity to evangelize shortwave and give examples of its role in providing news direct and unfiltered from various perspectives. If you have web pages dedicated to shortwave, you might wish to provide a brief introduction to shortwave on your site, or provide a link on your site to a site with an introduction to the hobby, such as <http://www.dxing.com/swlintro.htm>. This is one example; I'm sure there are others. You might also consider contacting local schools, newspapers, civic groups—we have an opportunity, maybe even a responsibility, to tell others about this marvelous resource.

Amazingly, the **BBC World Service** still has not publicly admitted their deemphasis on shortwave has been a mistake. There have been two recent developments suggesting this decision was misguided:

§ *AudioBasket*, an on-demand audio content aggregator cited by BBC management as an option to shortwave—ceased operations this past month. Initially their website simply said "We're closed, go away", but it now appears the website simply no longer exists.

§ The BBC offered its news stream free of charge to US public radio stations affiliated with Public Radio International (PRI) when the Afghanistan military air campaign began, for approximately four days. The BBC usually charges a fixed annual fee for access. I know of a few examples of stations taking the BBC coverage the Sunday evening after the air campaign began, but there was no wholesale pickup in coverage from what I could see. This tells me their strategy of emphasizing public radio rebroadcasting is seriously flawed, if they can't get any takers when they *give away* their programming.

Seasonal Changes

Most of the world switches from Summer Time to Winter Time, and vice versa, on the last Sunday in October, and this is now the time when shortwave stations make most of their seasonal frequency and schedule changes. Unfortunately I'm too busy at work to exhaustively report all the changes, but I'll summarize a few of them here.

BBC World Service

As of October, 28th, here are my recommendations for BBC reception in Eastern and Central North America. Notes appearing after the start and end times are interpreted at the end of the list.

5975 2100-0600 a,b (Antigua)
6135 0400-0600 (USA-via Delano)
6195 1000-1400 c (Antigua)
9915 0000-0300 (UK)
9525 0100-0400 (USA-via WYFR)
11675 2115-2130 a (Antigua)
11680 2130-2145 d (Asencion)
12095 2100-0300 e (Asencion)
15190 0900-1100 e,f (Asencion)
15190 1100-1700 c (Antigua)
15220 1200-1700 c,e (Antigua)
17790 1100-1130 e (Asencion)

a-Caribbean Report 2115-2130 M-F
 b-Beamed to South America only,
 0500-0600
 c-Caribbean programming 1100-1120 and
 1200-1215 M-F
 d-Falklands programming Tu, F only
 e-Beamed to South America, may be
 audible in North America
 f-1000-1100 Sat-Sun only

9740 0900-1600 (Singapore)
 15360 0500-0900 (Singapore)

I know 9740 is reasonably reliable; 6195 and 15260 appear to be favorably beamed, but I am not confident of propagation to Western North America when those frequencies are in use.

Listeners on the West Coast should also look for the following:

Expect many programs to shift in time, as they did when the summer schedule began; here is a table I initially included in the *April Journal*; I haven't had time to update it, so use with caution.

6195 0900-1700 (Singapore)

Weekdays:

Summer Time	Winter Time	Program
0000	0100	<i>Meridian / Popular Music</i>
0100	0200	<i>World Insight</i> (science / features)
0200	0300	<i>World Today</i> (20-30 minutes) / <i>Business / Analysis / FOC</i> (Wednesdays)
0300	0400	<i>Music / Religion</i>
0400	0500	<i>World Today</i>
0900	1000	<i>World Update</i>
1200	1200	<i>Newshour</i>
1300	1300	<i>Outlook, Off The Shelf</i>
1400	1400	<i>Meridian</i>
1500	1500	<i>World Insight</i> (science / sport)
1600	1700	<i>Europe Today</i> / business / sport
2200	2300	<i>World Today</i>
2300	0000	<i>Outlook / World Insight</i> (religion / various)

UTC Saturdays:

Summer Time	Winter Time	Program
1200	1200	<i>Newshour</i>
1300	1300	<i>Global Business / People and Politics</i>
1400-1700	1400-1700	<i>Sportsworld</i>
2230	2230	<i>From Our Own Correspondent</i>
2300 Saturday	0000 Sunday	<i>Play of the Week</i>
0030 Sunday	2330 Saturday	<i>Arts In Action</i>

UTC Sundays:

Summer Time	Winter Time	Program
0130	0130	<i>Religion / Letter From America</i>
0230	0230	<i>From Our Own Correspondent</i>
1030	1030	<i>Agenda</i>
1200	1200	<i>Newshour</i>
1300	1300	<i>Jazzmatazz / In Praise of God</i>
1400	1400	<i>Talking Point</i>
1500	1600	<i>Classical Music (Concert Hall)</i>
1600	New	<i>Sunday Sportsworld</i>
2200	2200	<i>World Today / Agenda</i>
2300	2300	<i>World Today / Greenfield Collection</i>

Canada

RCI is launching new "Theme Programs" as they're called in the technical schedule; they'll now appear at 30 minutes past the hour in transmissions targeting North America. The following frequencies and times are shown:

6040 / 9755 / 11725 / 11990, 0230-0300 UT
13650, 2130-2200 UT (target is Europe/
Africa)

Here's a listing of these programs and their air days:

Media Zone, a weekly forum where Canadian journalists meet to express their ideas about topical issues facing Canadians, UTC Mondays/Tuesdays

Maple Leaf Mailbag, with a new weekday airing, UTC Tuesdays/Wednesdays

Spotlight, touching on all facets of artistic and cultural life in Canada, UTC Wednesdays/Thursdays

Business Sense, looking at Canadian companies in the global economy, UTC Thursdays/Fridays

Canada in the World, looking at Canadian initiatives around the world, UTC Fridays/Saturdays

The most recent edition of each program is available on-demand at the RCI website, <http://www.rcinet.ca>.

Netherlands

The morning release to Eastern North America remains on 5965 kHz but moves an hour later, to 1130-1325 UT. As for programs, **Sound Fountain** returns to the schedule Sundays and Thursdays/Fridays; **A Good Life** returns on Tuesdays/Wednesdays. All other frequencies, times, and programs remain the same.

Current listening suggestions— Updated

Last month, I reported on some Middle/Near East regional listening suggestions; I have one more to add:

Libya

From 2025 to 0345 UT, on 15435 or 17725 kHz, the **Voice of Africa**, the new name for Libya's shortwave service, broadcasts in rotating languages including English. At roughly 30 minutes past each hour, there's a 5-10 minute English news segment, with headlines repeated at approximately 15 minutes past the hour. Thanks to Glenn Hauser for this tip. Interestingly, Colonel Moammar Qaddafi (one of several transliterated spellings) was not referred to by name in a recent broadcast; he was instead identified as the "Leader of the Revolution".

Unfortunately, that's all for this month, see you in December!

73 DE Richard



WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **WWW Shortwave Listening Guide** on NASweb. The data is provided by *NASWA Journal* and *Monitoring Times* columnist John Figliozzi, and comes from his book, *The Worldwide Shortwave Listening Guide*. Visit the Guide at <http://www.anarc.org/naswa/swlguide/>.



Shortwave Center

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Trends in Tropical Broadcasting

by Anker Petersen

(Editor of the *DSWCI Domestic Broadcasting Survey* [DBS])

I just finished editing *DBS-3* and wish to share with you my observations concerning

the still downgoing trend in the number of active frequencies of Domestic Broadcasting Stations in the Shortwave Bands between 2200 and 5800 kHz. For comparison are the equivalent numbers from our Tropical Bands surveys covering 1972/73, 1984/85, 1996/97, and a year ago.

Region	1972/73	1984/85	1996/97	1999/2000	2000/01
CIS (former USSR)	61	59	47	26	22
Central Africa	102	76	40	36	25
Southern Africa	57	39	33	17	12
Middle East	10	18	16	0	0
Indian Subcontinent	62	45	45	35	30
South East Asia	40	29	21	11	7
Indonesia	171	105	65	40	22
China, Taiwan, Mongolia	119	110	75	40	40
Far East	38	28	28	18	16
Pacific	27	24	33	27	28
North America	1	0	7	5	7
Central America, Mexico	21	23	24	22	17
Caribbean	29	3	3	5	4
Brazil	107	87	67	56	53
Northwestern South America	98	41	19	13	7
High Andes countries	188	163	160	119	99
Southern South America	5	2	1	2	0
Totals	1136	852	684	472	389

During the 24 years period 1973-1997, 452 stations disappeared, or on average 19 per year. In the 3 years of 1997-2000, the disappearance drastically did increase to 212 stations or 71 per year on average! As you can see, during the past year no less than a further 83 stations have left the tropical bands!

The situation is more or less unchanged in countries like China, Papua New Guinea, Australia, and the USA, whereas there is a decrease in all other regions of the world. Particularly it is noted that a large number of stations have disappeared during the past

12 months in all parts of Spanish speaking Latin America, All parts of Africa, in Sri Lanka, Malaysia, Vietnam, and particularly Indonesia.

Some of these stations were:

3200.4 R. 9 de Abril, Pukacayo, Bolivia
3222 Rdif. Togolaise, Kara, Togo
3224.9 RRI Tanjung Pinang, Indonesia
3249.8 RRI Banjarmasin, Indonesia
3264.9 RRI Bengkulu, Indonesia
3283 Estacion Wuari, Ayacucho, Peru
3306 & 4828 ZBC, Gweru, Zimbabwe
3356 R. Botswana, Sbele, Botswana

3370 & 4835 R. Tezulutlan, Coban, Guat.
3970 CRTV Buea, Cameroon
4545 Kazakh R. Almaty, Kazakhstan
4855.5 RRI Palembang, Indonesia

The main reason for this is that FM-networks are growing in most parts of the developing world and replacing the need for shortwave transmitters. Today, the majority of Domestic shortwave transmitters can be found in countries with vast areas where it still is too expensive to establish a network of FM-stations that can cover the whole country.

It is very probable that this trend will continue in the coming years, and everyone can calculate that this means that **most Domestic Broadcasting Stations may have left the Tropical Bands 5 years from now!**

But you can still hunt for 389 Domestic Broadcasting Stations on the Tropical Bands, before it is too late. Fortunately, the interfering broadcast and utility stations are also disappearing. So do not give up your Tropical Bands DXing!

Tips for Successful QSLing

By Chuck Roswell, K2MGL, Frequency Coordinator, Trans World Radio-Europe

A reception report to be of value to the broadcaster must tell the broadcaster how the broadcast is being received. The SINPO Code is understood by all international broadcasters. (On the other hand, small domestic broadcasters will not understand SINPO or the host of abbreviations that DXers like to use.)

The listening period should cover a time duration of at least 15 minutes documenting same by unique program details that indicates the listener actually heard the station being reported on.

Why 15 minutes? If the report is for only a very short moment when conditions are "good" and then there is fading or interference and this is not reported, it is misleading to the broadcaster and they think all is well with the broadcast. Likewise a short report when there may be a fade or interference could mislead the broadcaster to believe the broadcast was poor or unusable when it actually was good for most of the broadcast.

Why unique details? More than one broadcaster may broadcast from the same station location. It is important to prove by documentation that it is the station. And—believe it or not—there are some DXers that send reports that actually never listen to the station! That's right—a false (usually vague)

report. (I cannot figure out what satisfaction they get from that!) Some unique details are needed. But it is not necessary to provide a "transcript" of everything heard!

Naturally, a report from the intended target area is the most valuable to the broadcaster. It is one of the ways that the broadcaster gets feedback of how the broadcast is doing where it is intended to be heard.

What about reports from out of the target area? Reports from out of the target area are of a less or limited value to the broadcaster. Most broadcasters will confirm (QSL) reports from out of the target area as a courtesy to all listeners.

It is especially important that it be a "request" as opposed to a "demand" for a confirmation whether it is from the target area or from an out of the target area listener.

A report from out of target can be useful to a broadcaster in the case of interference from another station (QRM). Sometime listeners in the target area experience interference, but it is not identifiable. It is strong enough to be a bother but not strong enough to be identified. A listener in an area out of target may be able to identify (ID) the Interference (QRM). Identification of QRM should identify if it is on the exact same (Channel) frequency or if it is plus (+) or minus (-) 5 or 10 kHz. The name of the

station, or call sign should be ID'ed if possible. Language of the interfering station is helpful in resolving the QRM problem.

A short description of the radio receiver and antenna used helps the broadcaster know if your receiving equipment is limited or quite sophisticated. This helps in judging if your report reflects the "average listener's" results in your receiving area.

Naturally, It is very important to clearly write (**print**) the name and address exactly as it should be on the mailing envelope so that the post office can deliver the QSL.

Finally, It should be clearly stated that it is a "Request for Confirmation (QSL)." Some listeners do not want a QSL.

Stations also appreciate knowing how you felt about the content of the programming. Did you agree or disagree with it? Did it help or supply an answer or need in your life? Did it affect in how you think about something? Are you a regular listener? Do you have questions about the program content?

As far as Trans World Radio-Europe is con-

cerned, do not send Reception Reports requesting Confirmation (QSLs) to the Frequency Coordination group.

It only delays getting the report to the person who does the confirming and slows down the process of confirmation. The report will get to us if it contains information we need to know about! Reception Reports and requests for Confirmation (QSL) of broadcast by Trans World Radio-Europe should be addressed to:

Trans World Radio
Postfach 141
A-1235 Vienna
AUSTRIA (Europe)

or sent by e-mail to the following e-mail address: info@twr-europe.at

I realize that this may be a lot more of an answer than you expected. I myself have been a radio listener for *many* years and understand the hobby from both sides of the Microphone/Speaker or headphones! I am also a licensed radio amateur and understand the subject of DXing and QSLing in that hobby.

The Biggest Aspidistra in the World

By Mike Burden, Newark, Notts. (Originally published in the *World DX Club Contact Magazine* beginning in February 2000.)

Part 1

During World War Two, Hitler's Germany was the victim of what can only be described as a massive broadcasting confidence trick. Subtle anti-Nazi broadcasts were put on the air, conveying the impression that they originated from inside Germany or its occupied territory, these broadcasts were in fact made by secret radio stations in Great Britain run by a branch of the British Intelligence services known as the Political Warfare Executive. Head of the operations was a Fleet Street journalist named Sefton Delmer, former Berlin correspondent for the "Daily Express" newspaper who had been in Berlin where his father, an Australian, was a university professor of English. The transmitter

that played a leading role in this warfare of the airwaves—"Aspidistra"—is the subject of this story.

In the spring of 1941, a British Intelligence Division known as Special Operations 1 (SO1) worked out a scheme for broadcasting on enemy wavelengths with great power and diversity. This scheme was conceived as a more viable alternative to the direct jamming of enemy broadcasts, which was initially considered but eventually rejected as counter-productive, given that the enemy had more transmitters at his disposal (for instance, in all his occupied territories) and would undoubtedly use these to win a 'jamming war.' The alternative and more original SO1 scheme looked like becoming a reality in May 1941 when the Political Warfare Executive (PWE, the successor of SO1), formed by the merger of the latter with another intelligence branch), learned of the existence of

a giant 500 kw medium wave transmitter which had been constructed by the Radio Corporation of America (RCA) for sale to the commercial station WJZ in Bound Brook, New Jersey. However, since the U. S. Federal Communications Commission had imposed a power limit of 50 kw on all U.S. transmitters operating in the Medium Wave Band, this transmitter remained in mothballs at the RCA factory in Camden, New Jersey.

The Chinese government had the first option to purchase the transmitter, but its interests appeared to be lapsing. The PWE therefore decided that this transmitter would be the ideal "big gun" in a radio propaganda battle, and a scheme involving its purchase was but before the British Prime Minister, Mr. Winston Churchill and the Minister of Economic Warfare, Mr. Anthony Eden. The scheme received Churchill's approval the day after it was submitted to him and at the order of the Ministry of Economic Warfare, the transmitter was purchased in May 1941 at a cost of 112,000 Pounds. A budget of 165,000 pounds was allocated for the whole scheme, including the provision and preparation of a site for the transmitter. The transmitter was given the codename "Aspidistra," being named after the popular song by Gracie Fields "The Biggest Aspidistra in the World" because it was, at that time, the most powerful broadcast transmitter in the world.

A few weeks after the purchase, radio technician Harold Robin was sent to the RCA factory in the USA to spend two months there, familiarising himself with the technical specifications of "Aspidistra" and arranging for its power to be increased from 500 kw to 600 kw.

In October, 1941, the site where the transmitter would eventually be installed was chosen. It was a 70 acre site in Ashdown Forest near Crowbrough, Sussex. Another site, at Wavendon, near Woburn, Bedfordshire has originally been chosen and indeed some work had already commenced there when the site had to be abandoned following complaints by the Air Ministry who objected to tall masts being sited at such a location.

At this stage, the BBC, who hitherto had no knowledge of "Aspidistra" and were not consulted in any way about the project, got to hear of it and began raising objections. The BBC contended that the proposed use of "Aspidistra" would amount to jamming of enemy broadcasts and invite retaliatory enemy jamming of BBC broadcasts to Europe or even the Home Services. However, after much discussion and debate, a compromise was reached in May 1942 whereby BBC could use "Aspidistra" to reinforce its European Service coverage whenever the transmitter was not required for special operations.

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In the summer of 1942, work proceeded on the "Aspidistra" site at Crowborough, with excavations being carried out by a road-building unit of the Canadian army who completed their work within six weeks (reputedly living on a diet of beer during that time!) The huge excavations were for a subterranean building to house the transmitter and power generator. The building contained two stories and its lower floor was 50 feet below ground level. 600 men worked round the clock to complete this building and install its equipment. The site was then turfed over and fast growing trees planted on top.

The three masts, all 300 feet high, which supported the aeriels were completed in October 1942. Land lines were laid from the transmitter to the BBC, the PWE, and the Air Ministry in London, from which all control including necessary changes in frequency would be carried out. Churchill had taken a keen interest in the installation work and sent regular memos asking for progress: a reply to his memo of 23rd September indicated that the transmitter would be fully operational on 13 October 1942.

Part 2

"Aspidistra" was first used operationally on 8th November 1942, in conjunction with "Operation Torch" (the Anglo-American landings in the North African territories controlled by the Vichy French government.) For most of the time it relayed the BBC French service, which on that day and the following two days was on the air for a continuous 48-hour period. However, for two fifteen minute periods it did transmit counterfeit broadcasts on the frequency of Radio Rabat in Morocco, the official station of Vichy France in North Africa, containing pre-recorded speeches by President Roosevelt and General Eisenhower.

Following this Vichy Radio in France warned its listeners that the so-called official broadcasts from Rabat were from a counterfeit enemy station. More significantly, the British Admiralty, who were monitoring the broadcasts believed immediately on hearing them that Rabat had already been captured by the Americans. Thus one of the dangers of covert operations of this type was already demonstrated—that of misleading one's own side. However, no lasting repercussions arose from this, for within about 48 hours of the landings, all resistance ceased and Morocco and Algeria were in Allied hands.

An important date on the radio propaganda battle was 30th January 1943, for it marked two important strikes for the Allied side. Firstly, "Aspidistra" entered regular service with the BBC, broadcasting one of their European Services (the Blue Network mainly in German and French) for 21 hours each

day, on a frequency of 804 kHz. Secondly, it was also on that day Hitler was due to make a speech commemorating the tenth anniversary of Nazi power in Germany. As a demonstration of Allied power, it had already been decided to bomb Berlin at the same time in the hope that the broadcast could be interrupted or curtailed. As it happened, Goebbels replaced Hitler as the main speaker at the anniversary event, but the RAF carried out the raid as planned. The speech went off the air as the broadcast was completely disrupted by the muffled sounds of shouts and explosions in the background!

Throughout 1943, "Aspidistra" continued to relay the BBC European Service, but early in that year it could no longer claim to be the "biggest Aspidistra in the world;" for on 12 February 1943 the BBC brought into service a high-power Long Wave station on the east coast of England, situated at the village of Ottringham on the north bank of the Humber Estuary. The station consisted of 4 x 200 kw transmitters which had the facility to be coupled to give a combined output of 800 kw, making Ottringham the most powerful radio station in the world at that time and ensuring that the BBC was heard with good reception in Germany, even during daylight hours on a standard domestic receiver, and on a frequency close to the German national "Deutschlandsender" home service.

Later in 1943, "Aspidistra" was once more used for the purpose for which it was primarily intended—'black' or subversive operations. The first of these was carried out in September or October 1943 in conjunction with Allied operations in Sicily. By this time, the Allied invasion of Italy was well in progress, with Naples falling on 1st October. By order of King Victor Emmanuel, Mussolini had been arrested and the collaborator with the Allies, Badoglio, sworn in as Prime Minister heading the Italian Government in the areas of the country recaptured by the Allies.

On 11 October 1943, this government declared war on the Axis powers, which included the Republican Fascist Regime in the area of Italy not yet recaptured by the Allies.

(Mussolini now headed this regime, after having been held 'incommunicado' in Allied Italy but rescued in a daring German parachute raid).

At this time, the official Italian Fascist Republican Radio had its main station at Munich in Germany. "Aspidistra's" contribution to Allied operations in Italy was to relay the Italian Fascist Programme each evening, as received direct from Munich, but with a few bogus insertions made by British Intelligence and usually recorded in advance. These bogus items included an attack on the Vatican in the name of Fascism, news that a new Fascist Italian lire currency would be issued under German auspices, and false items about the distribution of food and relief supplies at various local headquarters of the Fascist party. The operation continued as a nightly 3 1/2 hour long transmission from 18th September to 27 October 1943. There were many reports of trained monitors listening to these broadcasts (e.g. Sweden and Switzerland) having been duped by them.

From the end of 1943, "Aspidistra" was also used by the Royal Air Force for its "Operation Dartboard," a scheme for interfering with the German ground control's instructions to Luftwaffe fighters attempting to intercept RAF bombers on their missions over Germany.

It was known that the Germans were plotting the incoming tracks of the RAF night bombers. Luftwaffe fighters would be scrambled and hold orbit on certain beacons, there to await positions from the ground on positions of enemy bombers. Running commentaries were given on the German medium wave broadcast transmitters, to assist the night fighters.

It had been suspected for some time that coded instructions for these fighters were concealed in the musical broadcasts over various German medium wave transmitters, e.g., a waltz signified that the bombers were targeting Munich, jazz meant Berlin, and that the end of an attack was signaled by the march "Alte Kamaraden." Since "Aspidistra"

was much more powerful than any of these transmitters and could occupy any of their frequencies almost instantaneously owing to its remarkable ability to make lightning changes of frequency, the fighter crews were often unaware that they were in fact listening to output from "Aspidistra" a recording of the ground control's musical instructions given the previous day.

One of the best efforts in the counter measures against the Luftwaffe night fighters was on 17th November 1943 when during an RAF attack on Ludwigshafen, the British succeeded in counterfeiting the ground controller's voice over "Aspidistra." The voice warned all German night fighters to land because of the danger of fog. When the Germans realized that the British were counterfeiting their instructions, they substituted with women announcers, but the British responded with WAAFs. The next move of the Germans was to have a man repeat any orders given by the WAAF so that the night fighters knew they were spurious. But the British had their man repeat any order the Germans gave! Any transmission in a female voice from Germany would be repeated by a German-speaking RAF man over "Aspidistra."

By now, at the end of 1943, it was time for "Aspidistra" to be used for British Black radio's major operation of World War Two, Soldatensender Calais.

Part 3

Soldatensender Calais commenced broadcasting in November 1943. It had its roots and origins in the early months of the war when British Intelligence hatched plans for a number of bogus broadcasting stations which were to serve as an alternative form of propaganda and psychological warfare. Naturally, the most obvious form of British propaganda would be straight forward denunciation of Hitler and Nazism, appeals for opposition to, and if possible, resistance against the Nazis, and vaunting of Allied military strength. But the man in charge of 'black' propaganda, Sefton Delmar, argued


that the Germans would only respond to such a message when they realised that the war was lost. In the meantime, he maintained, radio propaganda could more effectively undermine Hitler not by directly opposing him but by pretending to be all for him. All kinds of rumour, subtle innuendo, and disquieting inside information could be included in supposedly patriotic talks and harangues in favour of the Fatherland.

This idea came to fruition on 23rd May 1941 when the first transmission of a mysterious new station with the call "Gustav Siegfried Eins" (GS1) was made. The transmissions of GS1 consisted of coded messages to a clandestine military organisation which were relatively unimportant and whose ciphers were easily broken. These served only as a sandwich to the main content—talks and diatribes by a character known only as "Der Chef." "Der Chef" seemed like a typical diehard loyal old Prussian Army Officer whose colourful and outspoken views showed him as deeply loyal to the Fatherland and indeed to the Fueher, but severely critical of many of the Nazi's policies and conduct of the war and above all scathingly contemptuous of the Nazi party rabble that had seized the Fatherland in the Fueher's name. Listeners tuning in would naturally gain the impression that they were listening to a clandestine German military transmitter broadcasting coded strategic messages and diatribes from a senior officer who could not contain his opinions any longer. Little would they realise, or so it was intended, that GS1 was a clandestine military operation! Indeed, American State Department official in Berlin soon reported back to Washington about strange clandestine radio broadcasts from a German army officer called "Der Chef" However, lest the Americans be under any illusions, the British let President Roosevelt in on their little secret—and he was very amused!

In one of his first broadcasts, "Der Chef" bitterly attacked Hitler's deputy Rudolph Hess, who a few days previously had made his famous but abortive flight to Scotland. To quote him: "As soon as there is a crisis,

Hell packs himself a white flag and flies off to throw himself and us on the mercy of that flat-footed b... of a drunken old cigar-smoking Jew, Churchill!" However, the bulk of "Der Chef's" invective was not directed against leading Nazis, but against local party officials and functionaries with whose lives and careers he seemed to have a very intimate knowledge. With the help of such sources of inside information as German newspapers, magazines and letters to and from German Prisoners-of-war held in Britain, "Der Chef" was able to portray these people as nothing more than a bunch of corrupt, self-seeking, infighting racketeers whose conduct was in shameful contrast to "the devotion to duty shown by our brave troops freezing to death in Russia," to quote again.

"Der Chef" was especially disgusted that the German armed forces continued to complain of a manpower shortage when the Nazi party provided cushy jobs for 3 1/2 million people. In another talk "Der Chef" denounced the wives of party officials in the Schleswig-Holstein area who had all rushed to the stores and bought up all the clothing their coupons had entitled them to, because "their traitorous husbands had told them that the Fatherland's supply was running out!" The proof that the talk got through came six weeks later when the British noticed that a Kiel newspaper carried a report of a run on clothing stores.

"Gustav Siegfried Eins" continued on the air until November 1943 by which time some 700 broadcasts had been made by "Der Chef," who was in fact a Berliner named Peter Seckelmann who had left Germany for Britain before the war. By then the tide had turned against Germany, with Italy collapsing, as "Der Chef" had predicted. To his mind, Italy had not only been a 'traitor ally' and its main contribution to the war had been to send its workers to Germany to keep the local women company while their husbands were at the front! "Der Chef" had done his duty, and it was time for the scope of "black radio" to take a new turn. (To be continued) 

Adrian Peterson's Diary

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

Radio Backgrounds in Afghanistan

Recent events in the United States, and for that matter, in several other countries as well, have gripped the attention of the news media throughout the world. In view of these dramatic events, we interrupt our regular scheduling here in Wavescan and we begin a new series of topics in which we feature the radio scene in several of these countries. Just as soon as we can assemble the information, we also plan to present a topic on the radio scene in New York on that eventful day, Tuesday, September 11. However, in this edition of Wavescan we think of western Asia and we present "Radio Backgrounds in Afghanistan."

The country of Afghanistan, with its quarter million square miles, is sandwiched in between Pakistan and Iran. The 25 million inhabitants are made up of 20 diverse ethnic groups, each with its own culture and language, though Dari and Pushto are the twin official languages.

Back more than 30 years ago, we as a family were transferred from Perth in Western Australia on a five year assignment to Lahore in Pakistan. During this era, I made many visits into Afghanistan, sometimes by car or bus, and sometimes by plane.

The drive through the famed Khyber Pass is most dramatic, with high barren cliffs, wide colorful vistas, and dramatic, deep gorges. In this area, the Kabul River is very steep, and the water runs at an amazing 35 miles per hour.

At the top of the Kabul Gorge, the landscape levels out at a mile high, and it is here that a high powered mediumwave transmitter was established in 1964 under the supervision of Deutsche Welle in Germany. This unit was located in a country area at Pole-i-Tcharche, just a mile off the main highway.

In addition to the 100 kw. Siemens transmitter on 1280 kHz. at this location, there was a large MAN diesel engine which supplied electric power for the entire facility. Programming was fed from the main studios in the city by two different telephone circuits as well as by a backup FM link.

Some reports indicate that this showplace radio station was damaged, or perhaps even destroyed, during the uprisings that began in the year 1981. In more recent times, it is reported, a new 100 kw. mediumwave transmitter was installed at a new location considerably closer to Kabul, though I have never heard it, even when visiting in nearby areas.

The main two-story studio building at Answari Wat, located on the edge of the main highway running out to the airport, was also constructed in 1964 under German supervision. For a short period of time an experimental 10 watt FM transmitter, made by Rohde & Schwartz, was on the air at the studio location on 96.1 MHz. The AWR Historic Collection contains the only QSL card ever issued for this low powered relay unit.

In the entry way of the studio building was a large wall map of the world, and on this map were hundreds of marker pins showing the location of listeners who had sent reception reports to the station. Back in this era, one of the studio technicians also served as the official monitor, and at specified times during the day he would tune an old Telefunken receiver for the broadcasts coming from Deutsche Welle, ORF-Austria, and several other international shortwave stations.

It is understood that this studio facility was largely destroyed some 20 years ago during

the era of fighting, though apparently it has been restored subsequently, and it is again serving as the main studio location.

On one occasion, the Seventh-day Adventist church staged an international temperance convention in the five story Hotel InterContinental in Kabul. This convention attracted 140 delegates from 40 countries, and late one night there was a fire that burned out the entire top floor of the hotel. Fortunately there were no injuries nor fatalities.

It was around this era that small FM transmitters and receivers were introduced into the world market so that people attending large conventions could hear the proceedings in their own language. At this convention in Kabul, translation was available through four of these little transmitters in four languages. Just one QSL-card was issued for these limited broadcasts, for the transmitter on 102.8 MHz, and this card is also in the AWR collection in Indianapolis.

The rugged Khyber Pass is straddled by the international border between Pakistan and Afghanistan. In some places the pass is quite wide, and in other places it is quite narrow and just sufficiently wide for the highway to pass through.

This famous pass has featured frequently in history, and to this day you can still see a part of the old stone-paved highway that was constructed in the days of Alexander the Great when he made his ancient conquest as far east as the Punjab in India. At the entrance to the Khyber Pass is a huge notice in Urdu and English, drawing attention to the fact that it is considered dangerous to drive through the Khyber Pass in the afternoon and at night.

Back some 40 years ago, there were two daily flights by small passenger plane from the main Kabul airport into the Bamiyan Valley. The Afghan pilot took a great delight in inviting passengers to come and sit

in the co-pilot's seat and "help" him to fly the plane. For the return journey in the afternoon, it was necessary to sit and wait in the fully loaded plane until the temperature dropped to a safe level in order to give the plane sufficient lift to take off.

A few months ago, the Taliban ordered the destruction of the two massive statues of Buddha carved into the cliff face on the edge of the Bamiyan Valley. These statues were considered to be the largest in the world, and they were pictured on QSL cards issued by Radio Afghanistan some 30 years ago.

There is a well-paved highway running north from Kabul up through the very long Salang Tunnel. The area is so high and the air is so rarified that motor cars will not run properly. On one occasion, insurgents sealed both ends of the tunnel, effectively suffocating and killing several thousand people in their motor vehicles.

This highway runs up to the border with Uzbekistan, and in those days the Russian guards were quite friendly and they would invite visitors to walk across the wooden bridge to visit with them. In these northern provinces of Afghanistan it was impossible to hear Radio Afghanistan Kabul on mediumwave because of the high mountain range in between. The local people listened instead on mediumwave to the relay service from Radio Moscow in their own languages.

There have been several attempts on the part of the Afghan government to install a network of local mediumwave stations throughout their country. Back in the year 1925, two Russian made transmitters were imported into Afghanistan; one was installed in the palace of the king and the other was intended for installation in the regional city Kandahar, south of Kabul and close to the Pakistan border. However, because of unrest in the area, this station was never constructed.

Back in the 1970's, tenders were called for the installation of a network of mediumwave stations in the major cities throughout Afghanistan, but again, these were never constructed. Another project was to import several mobile radio stations and establish them in regional cities, but again, this project was never fully implemented

Because of the difficulties encountered in establishing a network of local mediumwave stations throughout Afghanistan, instead a regional service in local languages was on the air for several years using two transmitters in the tropical shortwave bands. At one stage, these two transmitters carried a health program from Adventist World Radio translated into the two official languages, Dari and Pushto.

However, Bengt Ericson in Sweden observes that there are now four mediumwave stations on the air in Afghanistan. These stations can be heard on 657, 864, 1107 and 1584 kHz, and they are located in Kabul, Kandahar and Mizar-i-Sharif.

The main highway running from the Khyber Pass into the city of Kabul runs through the suburban area of Yakatut. Stretched across the highway on the outer edge of Yakatut were the antennas for the shortwave service of Radio Afghanistan.

It was back in the year 1925 that a small longwave transmitter was imported from Russia and installed in the palace of the king on the edge of Kabul. In addition, a consignment of crystal wireless sets, ultimately 1,000 in number, was also imported and these were distributed throughout the city. However, in the year 1929 this transmitter was destroyed during civil disturbances in the city.

Four years later, in 1933, a German made Siemens transmitter was installed in a new building at Yakatut, an outer suburb of Kabul. This huge mediumwave unit, variously described as 100 kw, 50 kw and 25 kw, was installed inside a series of cages on the top floor of this new building.

Seven years later, this huge old unit was replaced by another 20 kw unit on the ground floor of the same building, and in 1970 this one was replaced by yet another unit, made by BBC in Switzerland. However, all throughout these eras, the original old unit in the cages was kept alive with test transmissions each Tuesday evening.

A second building was erected at Yakatut back in the middle of the last century to house a series of transmitters for use in communication traffic, both within Afghanistan and with countries in Asia and Europe. Half a dozen medium-powered transmitters have been housed in this building, some of which were also used at times for program broadcasting.

Back in the year 1948, a series of program broadcasts from two different locations in Afghanistan were heard in Australia. One station was located in Herat, and the other was probably a utility transmitter located at Yakatut near Kabul. These hour-long broadcasts were on the air two days a week in local languages. It is probable that these test broadcasts were intended as a prelude for the establishment of a new shortwave service for local and international coverage.

A little over a year later, the Director General of Broadcasting in Afghanistan went to Berlin seeking German assistance in establishing the projected new shortwave service. Ultimately, a third new transmitter building was constructed at Yakatut with three shortwave transmitters from West Germany, rated at 20 kw, 50 kw and 100 kw. The antenna system for this new shortwave service under the callign YAK was constructed on both sides of the highway, with several aerials stretched over the highway itself.

The showplace radio station at Pole-i-Charke was constructed in 1964, along with the two story studio building at Answari Wat. However, in the ensuing fighting after the Russian invasion in 1979, most of the radio facilities at all of the various locations were damaged and destroyed.

Meanwhile, in an unexpected move around mid year 1979, the radio world suddenly discovered that Radio Afghanistan was on the air via relay stations in Russia. At least four different locations were on the air over a period of 12 years.

The program feed for this relay service was at first direct off-air from Kabul, though later it was by satellite. This relay service closed on December 31, 1991. Many QSL cards were issued from Kabul for this Russian relay service.

As time and turmoil went by, the shortwave transmitter base at Yakatut was again damaged and destroyed, and two new units at 100 kw were imported from Russia. Again, these were badly damaged in subsequent fighting. It would appear that one of these units was refurbished by the Taliban, and this is the unit that has been on the air as "The Voice of Shariah."

In a dispatch from Jose Jacob in India, he states that the newspaper "Times of India" reported that the Voice of Shariah was on the air now from another location. Next day, Jose reports hearing the Voice of Shariah at a lower level.

However, CNN news states that the radio stations near Kabul were destroyed in subsequent bombing raids, and both Victor Goontelilleke in Colombo as well as Jose Jacob in India note that the Voice of Shariah is no longer heard on shortwave.

In the latest episode of events in the radio scene in Afghanistan, as heard on CNN, it is probable that by now the American "Blue Eagle" aeroplanes are on the air to Afghanistan. Mediumwave coverage from ground-based stations is also planned.

WELCOME TO THE FOLLOWING NEW MEMBERS

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Listener's Notebook

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AFGHANISTAN The *Radio Voice of Shari'ah* external service has not been heard since reception was lost on Monday 8 October during the 1600-1615 broadcast in Turkmen. It is usually on the air from 1530-1710 on 1107 kHz mediumwave and 7085 kHz (variable) shortwave with short broadcasts in English, Arabic, Turkmen, Uzbek, Urdu and Russian.

Forty minutes before reception of the domestic and external services was lost, the Kabul radio broadcast in English on 8 October at 1530, contained a report that Taliban commanders in Kabul Province would "fight until their last drop of blood against the United States and other invaders." (BBCM/DX Listening Digest/Hauser-OK)

Watching a CNN report last night, there was a video of an alleged Taliban operations center in which I saw an ICOM ham type transceiver being operated on SSB. The displayed frequency was 13.405 MHz. (Bill Smith, W5USM, Oct 15/DX Listening Digest/Hauser-OK)

AUSTRALIA *Radio Australia* in English B-01, all via Shepparton:

0000-0030	9660 12080 15240 15415 17750 17775 21740
0030-0100	9660 12080 15240 15415 17750 17775 21740
0100-0130	9660 12080 15240 15415 17750 17775 21725
0130-0200	9660 12080 15240 15415 17750 21725
0200-0300	9660 12080 15240 15415 15515 17750 21725
0300-0400	9660 12080 15240 15415 15515 17750 21825
0400-0500	9660 12080 15240 15415 15515 21725
0500-0530	9660 12080 15240 15415 15515 21725
0530-0600	9660 12080 15240 15415 15515 17750 21725
0600-0700	9660 12080 15240 15415 15515 17750 21725
0700-0800	9660 12080 15240 15415 17750 21725
0800-0900	9580 9710 12080 15240 15415 21725
0900-0930	9580 21820
0930-1000	9580 17750 21820
1000-1100	9580 17750 21820
1100-1200	6020 9475 9580 11650 21820
1200-1300	6020 9475 9580 11650 21820
1300-1400	6020 9475 9580 11650 21820
1400-1500	5995 6080 9580 11650
1500-1530	5995 6080 9580 11650
1530-1600	5995 6080 9475 9580 11650
1600-1700	5995 6080 9475 9580 11650
1700-1800	5995 6080 9475 9580 11880

1800-1900	6080 7240 9475 9580 11880
1900-2000	6080 7240 9500 9580 11880
2000-2100	9500 9580 11880
2100-2130	7240 9500 9580 9660 11880 12080 17715 21740
2130-2200	7240 9660 11880 12080 17715 21740
2200-2300	9660 12080 13620 15230 17715 17795 21740
2300-2400	9660 12080 13620 15230 17715 17795 21740

(RA via Irkutsk DX Club/DX Listening Digest/Hauser-OK)

Christian Voice B01 schedule via Darwin site:

0000-0030	English	17775 17850
0030-0100	English	17775 17850 21680
0100-0130	English	17775 21550 21680
0130-0400	English	21550 21680
0400-0430	English	21550
0430-0500	English	21550 21680
0500-0530	English	21550
0530-0700	English	21550 21680
0700-0900	English	17820 21680
0900-1000	English	13775 17725
1000-1200	English	13775 17655 17725
1200-1300	English	13775 17725
1300-1600	English	13660 13775
1600-1800	English	7170 13660
1800-2030	English	7170 9795
2030-2100	English	7170 9795 11935
2100-2130	English	7170 11935
2130-2200	English	7170
2200-2330	English	13620 17850
2330-2400	English	11935 13620 17850
1300-1800	Various	15155
1100-1300	Various	15530
0000-0130	Various	17645
0130-1100	Various	17600 17645
2130-2330	Indonesian	11935
0000-0030	Indonesian	21680
0400-0430	Indonesian	21680
0500-0530	Indonesian	21680

(Alokesh Gupta, New Delhi, India/DX Listening Digest/Hauser-OK)

BELGIUM RVI Brussels has closed the Wavre site, south of Brussels. All transmissions will now emanate from other countries. RVI has decided to suspend all investment in SW technology. The transmitters will be maintained and could be re-activated at any time deemed necessary. Maybe one day, if the DRM project is successful, we could adapt the transmitters and start roadcasting digital SW signals, at a fraction of the present cost.

In the new season RVI will be broadcasting from transmitters in Juelich, Skelton, Rampisham, Meyer-ton, Krasnodar, Samara, Tashkent, Petropavlovsk-Kamchatkiy, Bonaire and Madagascar. This gives Dx-ers an opportunity to add new QSL verifications to their collections, as there will be programs in Dutch, English, Fr and Ge from new locations.

Exception: **RTBF** Brussels French see will continue to bc from there: 100 kW on 9970. It's cheaper than DTK Juelich. They have actually shown interest in using one of our transmitters in the future. Bit of a paradox: we are moving out, and they might move back in again. We'll see how it goes. Juelich is expensive. We get 500 kW from Merlin for the price of 100 kW at Juelich. I'll check with RTBF on their winter schedule and report in R World this Sunday. (Frans Vossen-BEL, RVI RWorld producer, Oct 9, DXLD/BC-DX Top News/Bueschel-GER)

BULGARIA Winter schedule of **Radio Varna** on short waves 2200 Sunday-0400 Monday on NF 9800 (ex-9955). (Observer, Bulgaria, Oct 23/DX Listening Digest/Hauser-OK)

BULGARIA/GERMANY [non] **Eurosonor** Radio in German from Bulgaria now 2000-2100 Sat on 7600 (ex 1600-1700 Sun on 9980) (Ivo and Angel, Observer, Bulgaria, Oct 1/DX Listening Digest/Hauser-OK)

CAMBODIA v11940.3 **Radio National de Cambod-ia**, Phnom Penh, is again active, according to their schedule of previous seasons. Very bad modulation. Technicians weren't able to fix that problem. (Roland Schulze-PHL, BC-DX Oct 2-8/BC-DX Top News/Bueschel-GER)

CLANDESTINE—AFRICA **Dejan Radio** (English: Base Radio) was first heard by BBCM in September 2001. It is believed to broadcast a hired transmitter in the former Soviet Union with programming hostile to the Ethiopian government. It was previously known as Voice of Tigrayans from North America and briefly hired airtime on WWCR.

1700-1800 Tigrinya 12110 Sa

(BBCM)

Netsanet Radio (Freedom Radio) is operated by Netsanet Le-Ethiopia, a US-based Ethiopian opposition group founded on 27 February 1996. It broadcasts via a hired relay transmitter in the former Soviet Union.

1700-1800 Amharic 12110 Su/We

(BBCM)

Radio Freedom, Voice of the Ogadeni People (Somali: Halkani wa Radio Xoriyo, Codki Ummada Odageniya) is believed to hire airtime on Deutsche Telekom transmitters in Juelich, Germany. The radio appears to support the Ogadenia National Liberation Front. Programming is hostile to the Ethiopian government which it describes as the "Tigray regime" (a

reference to the supposed domination of the govern-ment by ethnic Tigrayans).

1630-1700 Somali 15715 Tu/Fr

(BBCM)

Radio Rainbow, Voice of Peace and Brotherhood (Amharic: Ye Kestedamena Radio Ye Selamena Wendemamachenet Dimtse). The radio is reportedly operated by an Ethiopian opposition group called Research and Action Group for Peace in Ethiopia and the Horn of Africa (RAGPEHA). It broadcasts via hired shortwave transmitters in Germany.

0800-0900 Amharic 6180 Sa

1900-2000 Amharic 11840-(anncd, from Nov)
15565-(until Nov) Fr

(BBCM)

Voice of Ethiopian Salvation (Amharic: Yih Ye Ethiopia Medhin Dimts broadcasts in support of the Ethiopian Mehedin (Salvation) Democratic Party. Programming is hostile to the Ethiopian govern-ment. It is believed to hire airtime on Deutsche Telekom transmitters in Juelich, Germany.

1600-1700 Amharic 15670 Su/Th

(BBCM)

Voice of Oromo Liberation is sometimes referred to as "SBO" after its title in the Oromo-lan-guage, "Sagalee Bilisumma Oromoo." It supports the Oromo Liberation Front and other groups opposed to the Ethiopian government. It hires airtime via Deutsche Telekom in Juelich, Germany.

1700-1730 Oromo 15715 Su/We/Fr

1730-1800 Amharic 15715 Su/We/Fr

(BBCM)

Voice of the Democratic Path of Ethiopian Uni-ty (Amharic: Finote Demokrasi Ye-Ethiopia Andinet Dimts) is believed to broadcast via Deutsche Tele-kom in Germany. The radio states that it was estab-lished to safeguard the national integrity of Ethiopia, bring about unity based on equality of the Ethiopian peoples, preserve the sovereignty of the Ethiopian peoples, bring about a democratic system in Ethiopia, ensure the preservation of the human rights of Ethiopians, ensure the supremacy of the law, bring about justice and ensure equality of gen-der, religion and nationalities, and contribute to the struggle aimed at bringing about social justice. [That's quite the platiful of goals...here in the states, stations are happy just to sell a week of tire commercials, let alone ensure the preservation of hu-man rights.-AQ]

0700-0800 Amharic 21550 Su

1830-1930 Amharic 15715 We

CLANDESTINE—ASIA **Democratic Voice of Bur-ma** 11720 (ex-11570), 9495 remains unchanged. (BBCM/DX Listening Digest/Hauser-OK)

Voice of Freedom of Jammu and Kashmir, 5101 kHz. Daily 1300-1500 UT. English segment is from

1401-1410 consists of a political commentary. On 3rd October it was unbelievably strong and clear and stronger than even Radio Pakistan Quetta on 5027. I was able to get a good EE ID (G.V.A. Goonetilleke, Sri Lanka, Oct 5, 2001 in DXplorer-ML via CRW/DX Listening Digest/Hauser-OK)

Voice of Mesopotamia, 1400- on 11530, in Kurdish (Oct 03, 2001), music, ID Denge Mezopotamya several times, then into news, lots of music, no parts in English, no international news heard, no address announcement heard, sign off with hymn shortly before 1600 (M. Schoech, Germany, for CRW/DX Listening Digest/Hauser-OK)

CLANDESTINE—MIDEAST Information Radio is part of US psychological operations aimed at Afghanistan. It was first heard by BBC Monitoring on 14 October 2001.

The programming consists of Afghan music with announcements in Dari and Pashto. Announcements monitored on 15 October 2001 told the "noble people of Afghanistan" that "the forces of the United States are passing through your area." "We have not come here to harm you," the broadcast continued, "We have come to arrest Usamah Bin-Laden, Al-Qa'idah and those who support him." The announcer then advised people to stay at home for their own safety. "We request you to stay away from bridges and roads for your own safety, and do not interfere with the military operation and our troops" the radio said. "When you see US forces and aircraft you should seek protection in some places and remain there until we leave your area completely." "Don't listen to what Al-Qa'idah and the Taliban say" the announcer said. "If you follow these instructions no harm will come to you. You should not forget that we do not want to harm innocent people," the announcement concluded.

Leaflets in the Pashto and Dari languages have been dropped in Afghanistan by the US military giving details of the times and frequencies of the "Information Radio" broadcasts. The frequencies listed on the leaflets consist of one sideband shortwave channel (8700 kHz, which could not be received on most portable shortwave radios), an Radio Voice of Shari'ah, Kabul, frequency (1107 kHz) and a frequency thought to have been used by the provincial Voice of Shari'ah radio in Kandahar (864 kHz).

These "Commando Solo" broadcasts are believed to be operated by the 193rd Special Operations Wing of the Pennsylvania Air National Guard, of Harrisburg, Pennsylvania and the US Army's 4th Psychological Operations Group (Airborne) of Fort Bragg, North Carolina.

The broadcasts may be relayed from US C-130 military aircraft flying in airspace above or near Afghanistan.

0030-0530	Dari/Pashto	864 1107 8700usb
1230-1730	Dari/Pashto	864 1107 8700usb

(BBCM)

Thought about the 8700 operation: I think that "PsyOps" mentions this frequency on leaflets does not indicate that it originates from Command Solo. Actually it would make not much sense to operate a shortwave frequency from a airplane rather than a landbased transmitter, so I guess 8700, whether meant as feeder or for the actual audience (perhaps in fact both), originates from any US military base, like the well-known AFRTS outlets operated by a communications transmitter, hence USB and outside the broadcast bands (Kai Ludwig, Germany, Oct 18/ DX Listening Digest/Hauser-OK)

Extensive monitoring by Clandestine Radio Watch (CRW) points to Turkmenistan as the likely location of the American psyops radio broadcasts, dubbed "Information Radio," being heard worldwide on 8700 kHz. (Clandestine Radio Watch/Schoech-GER)

There is an extra medium wave transmitter on the Commando Solo aircraft, so **VOA** and **Radio Free Europe/Radio Liberty** accepted an opportunity to use it for clear reception in Afghanistan. The frequency is 980 kilohertz. The programming consists of VOA Dari and Pashto and RFE/RL Uzbek, Tajik and Persian. These are combined in two five-hour transmission streams at same time as the other Commando Solo broadcasts: 030 to 530 and 1230 to 1730 UTC. On 980, no other programming is being mixed with VOA and RFE/RL content, and that channel does not transmit the messages or public service announcements heard on 864 and 1107 kilohertz.

BBC Monitoring continues to follow broadcasting in and to Afghanistan. As of Friday, the Taliban's Radio Voice of Shari'ah in the city of Mazar e-Sharif, close to where Northern Alliance and Taliban forces are fighting, was still on the air on 1584 kilohertz. The domestic and external services of Radio Voice of Shari'ah in Kabul have not been heard on medium or shortwave since October 8th. (VOA Communications World Oct 20 via John Norfolk/DX Listening Digest/Hauser-OK)

Voice of the Communist Party of Iran is heard on 3870 kHz which seems to be a shift from the listed 3880v in DSWCI DBS. Good signals at 1440 tune in to s.off at 1530 UT without "The International". Again heard at 1635 to s.off at 1800 with the "International." So presume the "International" is played at the end of the day's broadcasting. One of the few Communist Parties active in broadcasting these days (G.V.A. Goonetilleke, Sri Lanka, Oct 3, 2001 in DXplorer-ML via CRW/DX Listening Digest/Hauser-OK)

CROATIA Hrvatski Radio has been observed on the out-of-band frequency of 8705 kHz. The number is the result of the subtraction 9830 minus 1125, two other well-known frequencies originating from the transmitter site in Deanovic. (Luca Botto Fiora, Italy, Oct BDXC-UK Communication/DX Listening Digest/Hauser-OK)

CZECH REPUBLIC Radio Prague winter schedule
in English

0100-0129	6200 7345
0200-0229	6200 7345
0400-0429	7345/7385 9435
0430-0459	9865 11600
0800-0820	11600 15255
1000-1029	21745
1130-1159	11640 21745
1400-1429	21745
1700-1729	5930 17485
1800-1829	5930 7315
2100-2129	5930 9430
2230-2259	7345 9435
2330-2359	7345 9435

(via Andreas Volk, Germany, ADDX Oct 4 via WOLF-GANG BUESCHEL, via Alan Roe, World DX Club via Mike Barraclough/DX Listening Digest/Hauser-OK)

ECUADOR HCJB World Radio B01 schedule

0000-0100	Portuguese	11920
0000-0100	Spanish	6050 15140 21455
0000-0300	Quichua	3220 6080
0030-0100	French	11730
0100-0230	Portuguese	11785 11920
0100-0500	Spanish	6050 15140
0100-0600	English	9745 11840 21455
0330-0430	Russian	9775
0500-0515	Kikongo	12005 Mo-Fr
0530-0600	Slovak	9765
0530-0600	Czech	9765 Su/Tu/We/Th/Sa
0600-0630	German	9765 21455
0630-0700	French	9765 21455
0700-0730	Spanish	9765
0700-0900	English	9780 11755 21455
0800-0930	Portuguese	9745
0830-1000	Quichua	9765
0830-1400	Quichua	3220 6080
0900-1100	English	11755 21455
0930-1000	German	9745
1030-1100	Huarani	6050
1100-1300	Spanish	6050 11960 15140
1100-1430	English	12005 15115 21455
1300-1430	Spanish	6050 15140 17690
1430-1500	Spanish	6050 15140 17690 21455
1500-1530	Spanish	6050 21455
1530-1800	Portuguese	15295
1530-2100	Spanish	6050
1600-1615	Uzbek	11760R Mo/We
1600-1615	Bashkir	11760R Su
1600-1615	Tatar	11760R Fr/Sa
1600-1615	Tajik	11760R Tu/Th
1615-1630	Georgian	11760R Su
1615-1715	Russian	11760R Mo-Sa
1630-1715	Russian	11760R Su
1715-1730	Ukrainian	11760R
2000-2030	French	15550 17795 21455
2000-2200	English	11890
2030-2100	Czech	15550 17795 21455 Su/Tu/We/Th/Sa

2030-2100	Slovak	15550 17795 21455 Mo/Fr
2100-2130	Spanish	6050 15140
2100-2130	German	11755 15550 21455
2100-2130	Quichua	3220 6080
2100-2230	Arabic	12025R
2130-2230	Spanish	6050 9630 11755 15140 21455
2130-2400	Quichua	3220 6080 9745
2230-2300	Spanish	6050 15140 21455
2300-2400	German	11980
2300-2400	Portuguese	11920
2300-2400	Spanish	6050 15140 21455
2330-0100	English	11785

R-via Rampisham UK (via Allen Graham, Ecuador/DX Listening Digest/Hauser-OK)

FRANCE Radio France International, in English:

0400-0430	11910-Gabon
0500-0530	13610 15155-Gabon
0600-0630	11710-Gabon 15155 17800
0700-0800	15605-Gabon
1200-1230	15540-Gabon 25820
1600-1700	11615 11995-Gabon 12015-Gabon 15605 17850
1700-1730	15605 11615
1400-1500	9580-China 17620

(Jean-Michel Aubier, France, Oct 17/DX Listening Digest/Hauser-OK)

GERMANY Two new transmissions of Deutsche Welle in Arabic to ME from Oct. 22, both via Wert-achtal:

1430-1500	17770 21790
1600-1630	15520 17805

(Observer, Bulgaria, Oct 17/DX Listening Digest/Hauser-OK)

INDIA All India Radio's General Overseas Service in English:

1000-1100	11585 13700 15020 15770 17510 17840 17895
1330-1500	9690 11620 13710
1745-1945	7410 9950 11935 13605 15155 17670
2045-2230	7150 7410 9650 9910 9950 11620 11715
2245-0045	9705 9950 11620 13605

(Alok das Gupta-IND/Andy Sennitt, swprograms/Mark Fine-VA/DX Listening Digest/Hauser-OK)

4950 AIR Srinagar 0023 "Song of India" IS, "Vande Mataram" chorus, brief announcement by man, seductive local music. Another announcement at 0030 and into solo chanting by man. Mixing over and under (mostly over) co-channel Angola throughout. Jeypore on 5040 was coming through nicely at the same time, as were several other 60M AIR regionals on a good subcontinental evening. (Hill, Oct. 21)

IRAQ Just noted Radio Baghdad in Arabic back on 9887.0 at 1400 UT. Loud het with 9885, and poor

modulation, but instantly recognizable from the news theme on the hour. 73, (Andy Sennitt, Netherlands, Oct 4/DX Listening Digest/Hauser-OK)

ISRAEL *Kol Israel* in English:

0500-0515 9435 11605 17545
1130-1135 15640 17545
1700-1730 11605 17545
2000-2025 9435 11605 15640 15650

(Daniel Rosenzweig, Oct 16/DX Listening Digest/Hauser-OK)

JAPAN 3373.5U, *NHK, Mihara*. Low power NHK relay in Japanese at 1114. Good reception. Also heard were: 3607.5U *NHK Shobu-kuki*, Tokyo with game show of bird calls. Lots of laughter. Very good. This was parallel to 3259 *NHK Kasuga* (fair to good). (Volodya Salmaniw, Grayland WA/DX Listening Digest/Hauser-OK)

NHK Radio Japan extended its Middle Eastern Service to a 24-hr operation, mainly in Japanese, using the new relay in Abu Dhabi and existing facilities in Yamata:

0100-0400 11870 Yamata
0400-0700 17700 Yamata
0700-1600 15480 Dhabayya
1600-1700 15455 Dhabayya
1700-1900 11880 Dhabayya
1900-2100 7195 Dhabayya
2100-0100 6140 Dhabayya

(Via Koji Yamada, Tokyo/DX Listening Digest/Hauser-OK)

JORDAN 7155, *Voice of? , Station of the Armed Forces of Jordan*. Sowt al-Nahada, Itha' Quwat al-musalaha al-ordiniya. I'm really shakey on the second word, but the rest is solid. Heard at 1800 on Oct 20, announcing 7155 and said they were on for an hour a day. News followed. Anyone familiar with this program? (Hans Johnson, Kruger Nat'l Park, South Africa, Cumbre DX/DX Listening Digest/Hauser-OK)

LAOS 7145, *Lao National Radio*, 1333 Sept 28, heard first time in ENGLISH since started DXing 10 years ago. Local news followed by international items, then a couple of Laotian songs. Sign off at 1400, no other px after that. (Richard Lam, Singapore, Cumbre DX/DX Listening Digest/Hauser-OK)

Lao National Radio's International Service noted again on 7145 kHz, 2 Oct. In Vietnamese when I first checked at 1210, ending with a nice comprehensible ID mentioning 'Lao' and 'Vientiane' and then beginning Cambodian at 1230, and French at 1258. The English segment finished with the Lao National Anthem just before 1400 when the carrier went off. Reception here deteriorates after about 1230, and throughout the signal is weaker at this location than the domestic service on 6130. The good news is that the audio was improved compared with the transmission I reported a few days ago. I was last able to confirm the parallel MW frequency

1030 kHz in early August, listening from Thailand (Alan Davies, Malaysia, Cumbre DX/DX Listening Digest/Hauser-OK)

MALTA *Voice of the Mediterranean*, all via Italy and Russia:

0500-0600	Japanese	15560	Su
0800-0900	Italian	11770	Sa
0900-1000	English	11770	Sa
1000-1100	Maltese	11770	Sa
1100-1200	French	11770	Sa
1200-1300	German	11770	Sa
1630-1700	Italian	9840	Mo-Sa
1700-1730	Arabic	9840	Mo-Sa
1730-1800	English	9840	Mo-Sa
2000-2100	English	7440	Mo-Th
2000-2100	English	7440	Su
2000-2200	Arabic	7440	Fr
2100-2130	French	7440	Su
2100-2200	Arabic	7440	Mo-Th/Sa
2130-2200	German	7440	Su

(Volker Willschrey Dillingen-GER/DX Listening Digest/Hauser-OK)

NEPAL *Radio Nepal* is again inactive on 5005. Looks like transmitter failure again, or it could be that the transmitter is used on 7164.4 now. Correspondingly observe increased signal on 7164.4, English news at 1415. S-off at 1715. Even in Sri Lanka the signal is not good enough for anybody but DX-ers. Singapore's Tamil Sce on 7170 is a pain, and so is Beijing on 7160 (Victor A. Goonetilleke, 4S7VK, Sri Lanka, UADX, DXplorer Oct 2 via BC-DX/DX Listening Digest/Hauser-OK)

NEW ZEALAND [Okay, I'm beginning to suspect they make microscopic schedule changes every month just to ensure a listing here...AQ]

0000-0358	English	17675
0359-0705	English	15340
0706-1005	English	11675
1006-1205	English	15175
1206-1650	English	6095 occasional sports
1650-1750	English	11725 Mo-Fr
1751-2216	English	15160
2217-2400	English	17675

(BBCM)

NIGERIA *Voice of Nigeria* heard on 15120 October 19th at 0910 with Arts program, at 0915 nx feature Nigerian letter. Strong signal on clear channel but some distortion on the modulation. (Mike Barraclough-UK, BC-DX Oct 19/BC-DX Top News/Bueschel-GER)

OMAN *Radio Oman* B01

0000-0200	Arabic	9760
0200-0300	Arabic	6085 15355
0300-0400	Arabic	6085
0300-0400	English	15355
0400-0600	Arabic	9515 17590
0600-1000	Arabic	13640 17630
1000-1400	Arabic	13640
1400-1500	English	15140

1400-1800	Arabic	15375	0100-0200	English	17595 12000 11825 ^A 7180
1800-2000	Arabic	6190 15355	0100-0200	Russian	17690 17660 17620 17565 15455 12060 11750 9480 7300
2000-2200	Arabic	6085 13640	0100-0200	Spanish	11510 9965 9945 9890 9860 9830 7400 7380 7330
2300-2400	Arabic	9760	0200-0300	English	17595 12000 7180
(Alokesh Gupta, New Delhi, India, Oct 12/DX Listening Digest/Hauser-OK)			0200-0300	Russian	17690 17660 17650 17620 17565 15455 12060 11750 9480 7330 7300
POLAND Radio Racja (Ratsyya in Belarusian—rac-ja/ratsyya means "reason") is a Belarusian-language radio station based at Bialystok, Poland. Its broadcasts are aimed at Belarusians in Poland as well as Belarus. It began broadcasting in November 1999. The Belarusian Union of the Polish Republic is majority shareholder in the Racja company.			0300-0400	English	17690 17660 17650 15455 12000 11750 7180
0400-0600	Belarusian	6035	0400-0500	English	17690 17660 17650 15455 12000 11750 7180
1000-1200	Belarusian	6180	0500-0600	English	21790 17685 17635
1800-2000	Belarusian	6010	0600-0700	English	21790 17685 17635 15490
(BBCM/DX Listening Digest/Hauser-OK)			0700-0800	English	17685 17635 17525 17495 15490
PORTUGAL RDP Internacional (Radio Portugal) , all programs in Portuguese:			0800-0900	English	17685 17635 17525 17495 15490
0000-0300	9715 11655 11890 13700 13770	Fr/Sa	0900-1000	German	15455 7330
0600-0745	9755 9815 11675	Mo-Fr	1000-1100	Chinese	15490 9480 9470 7400 5940
0745-0800	9755 9815 11660 11675	Mo-Fr	1000-1100	Korean	13640 12055 9875 7490U 7315 7305
0800-0850	9755 9815	Mo-Fr	1100-1130	Chinese	15490 9480 7400 7315 7305 5940
0800-0930	11875 15575 21655 21830	Sa/Su	1130-1200	Chinese	15490 9480 9470 7400 7315 7305 5940
0850-0900	9815 11660	Mo-Fr	1200-1300	Chinese	12000 9480 9470
0900-1100	9815 11875	Mo-Fr	1200-1300	Japanese	12000 7330 7315
0930-1100	11875 11995 15575 21655 21830	Sa/Su	1200-1300	Korean	7340 7305
1100-1300	11875 15575 21655 21830	Sa/Su	1200-1300	Mongolian	15490 5940
1100-1300	9815 11875 21655 21725 21830	Mo-Fr	1200-1300	Russian	15550 15460 9920 9490 7375
1300-1400	15540	Mo-Fr	1200-1300	Vietnamese	17570 12055
1300-1455	11875 15540 15575 17745 21655		1200-1400	Dari/Pushto	17665 15560 4975 4965 4940
1400-1600	15490 15540	Mo-Fr	1300-1400	Chinese	9480 7305
1455-1500	15540 17745 21655 21800 21830	Sa/Su	1300-1400	Hindi	17570 15460 11500
1500-1600	13660 13790 15540 17745 21655		1300-1400	Japanese	12000 7330 7315
1600-1700	15540	Mo-Fr	1300-1400	Russian	15550 9490 9745 7330
1600-1755	13660 13790 15540 17745 21655		1300-1400	Russian	9920
1700-2000	11800 11860 13585 15540 17680		1400-1500	English	15550 12055 9745
1755-1800	13660 13790 15540 17745 21655		1400-1500	Turkish	15540 11985 7325
1800-2000	13660 13790 15540 17680 17745		1400-1500	Russian	11695 9920 9450
2000-2100	11800 13660 13770 13790 15540		1400-1600	Persian	12015 9975 9835 7430
2000-2400	13770 15540	Mo-Fr	1400-1600	Urdu	17570 15560 15460
2100-2400	11800 13770	Sa/Su	1500-1530	Albanian	12060 12040 12000 9470
(Marcelo Cornachioni, Conexion Digital Oct 16/DX Listening Digest/Hauser-OK)			1500-1530	Hindi	11720 9745 7305
RUSSIA Updated and revised A-01 schedule of <i>Voice of Russia</i> as of Sep. 30:			1500-1600	English	11985 11500 9730 7325 4975 4965 4940
0000-0100	Spanish	12060 11750 11510 9965	1500-1600	German	12030 11980 9810 7440 7330 7300
		9890 9860 9830 9810	1500-1600	Russian	12055 12005 7130
		9685 9480 7380 7330	1500-1600	Russian	15540 11695 9450 7315
		7180	1530-1600	Bengali	11720 9745 7305
			1530-1700	Serbian	12040 12000 9470

1600-1700	Arabic	12015 11745 9975 9835 9710 7430 7325	2000-2100	Russian	11745 11695 9470 7360 7310
1600-1700	English	15540 12055 11985 9730 7305	2030-2100	Spanish	9480 7440
1600-1700	French	12035 11870 11510 9865 9810 9745 9480	2100-2200	French	9495^
1600-1700	German	12030 11980 7440 7330 7300	2300-2400	Portuguese	12060 9965 9890 9860 9810 7330
1600-1700	Romanian	9490 7370	*Sat/Sun		
1600-1700	Russian	11695 9450 7390 7315	^via Santa Mariya di Galeria, Vatican (Ivo and Angel!, Observer, Bulgaria, Oct 1/DX Listening Digest/Hauser-OK)		
1700-1730	Finnish	9820 7360 Mo-Fr	Additional frequencies for <i>Voice of Russia</i> beamed to Afghanistan from Oct. 10:		
1700-1745	Hungarian	12020 7400 7370	7315	1300-1800	Russian "Commonwealth"
1700-1730	Arabic	11745 9975 9710 7430	7420	1200-1400	Pashto/Dari
1700-1800	Bulgarian	12000 9490 6000		1400-1600	Russian "Commonwealth"
1700-1800	English	11985 11675 11510 9820* 9775 9745 7360* 7310	9495	1200-1400	Pashto/Dari
1700-1800	French	12035 11870 9865 9810 7320		1400-1700	English
1700-1800	German	12030 11980 7440 7330	9800	1200-1400	Pashto/Dari
1700-1800	Italian	12040 11920 9470	(Observer, Bulgaria, Oct 17/DX Listening Digest/Hauser-OK)		
1700-1800	Polish	11930 9890	SOMALIA According to the newspaper 'Xog Ogaal', <i>Radio Banaadir</i> was inaugurated on 21st February 2000 after two months of testing. The report added that the radio station "is said to be independent; some reports, however, link it to faction leaders." Banaadir is the name of the region encompassing Mogadishu and its immediate environs.		
1700-1800	Russian	15540 11695 9450 7390 7315	1500-2100v Somali 7002v		
1700-1800	Russian	9480 7300	(BBCM)		
1730-1800	Arabic	11745 9975 9710 7430 7130	The station based in the southern provincial town of Baidoa (that's how it's pronounced, but the formal spelling is Baydhabo) is being heard again on 6800 or 6810 kHz, broadcasting between 1500 and 1800 GMT, so definitely feasible as a catch in the UK as your sunset gets earlier. Unlike many of the factional stations in Somalia, <i>Radio Baydhabo</i> broadcasts in full AM. There is a tradition among the other stations of just using upper sideband and a carrier.		
1730-1800	Norwegian	9820 7360 Tu/Th	Also reactivated is the station in the northern town of Gaalkacyo (pronounced Galcaio). This one is on 6985. But beware, this frequency is also used by a Sudanese clandestine, which in fact in Nairobi has much stronger signals than <i>Radio Gaalkacyo</i> .		
1730-1800	Swedish	9820 7360 Mo/We/Fr	Another two Somali stations to try for are:		
1745-1830	Czech	12020 7400 7370	<ul style="list-style-type: none"> the <i>Radio Mogadishu</i> outlet operated by faction leader Muhammad Farah Aydid on 6750 or 6755. <i>Radio Hargeysa</i>, in the self-declared "Republic of Somaliland", on 7530. 		
1800-1830	Arabic	11745 9975 9835 9710 7430	But remember that the operation of all Somali shortwave stations is erratic and their frequencies are variable. Of the four stations mentioned above, R. Hargeysa probably has the best record of staying on-air and on-frequency (Chris Greenway, East African Report, Oct BDXC-UK Communication/DX Listening Digest/Hauser-OK)		
1800-1900	English	11870 11510 9820 9775 9745 9480 7360 7310 7300			
1800-1900	French	11930 11630 9865 7390 7320			
1800-1900	German	11980 9890 7440 7330			
1800-1900	Greek	12065 12040 11985 9490 6000			
1800-1900	Russian	11695 9450			
1830-1900	Arabic	11745 9975 9835 9710 7430 7130			
1830-1900	Slovak	12020 7400 7370			
1900-1930	Albanian	11930 9480 6000			
1900-1930	French	11980 11745 11630 9865 7390 7320			
1900-1930	Russian	12040 12020 11695 9820 9450 7370 7360			
1900-2000	English	15735 9890 9775 7440 7400 7310			
1930-2000	Bulgarian	6000			
1930-2000	French	11980 11745 11630 9865 7390 7320			
1930-2000	Russian	12040 12020 11695 9820 9480 9450 7360 7370 9480 7440			
2000-2030	Portuguese	9480 7440			
2000-2130	Serbian	6000			
2000-2100	English	15735 11980 9890 9820 9775 7400			

SOUTH AFRICA Channel Africa sked from Meyer-ton

0300-0325	Swahili	9685
0300-0330	English	9525
0330-0355	French	9525
0400-0430	English	5955
0430-0455	Portuguese	3345 5955
0430-0455	French	9525
0500-0530	English	15215
0530-0555	Portuguese	15215
0600-0630	English	15215
0630-0655	Portuguese	15215
1300-1455	English	11720 17780 21725
	Sa/Su	
1500-1525	Swahili	17780
1500-1530	English	17770
1530-1555	French	17770
1600-1630	English	9525
1600-1630	Swahili	17860
1630-1655	French	17860
1630-1655	Portuguese	3345 9525
1700-1730	English	17870
1730-1755	Portuguese	17870
1800-1830	English	17870
1830-1855	French	17870

* Saturdays and Sundays only

Radio Sonder Grense, in Afrikaans

0500-0700	7185
0700-1620	9650
1620-0500	3320

(Alokesh Gupta, India, Oct 13/DX Listening Digest/Hauser-OK)

SRI LANKA SLBC is experinecing transmission cuts during power cuts on SW 4870, 4902 and 4940. However 5020 carrying the Tamil Service continues uninterrupted. The station has limited power generating capability.

The All Asia Service mainly targeting India usually loses the Marconi 100 kW transmitter (SEAC transmitter) on 9770. The English Service is heard on 6005 (10 kW) and 15425 (35 kW ex VOA transmitter) between 1230-1600. Programming consists of Country and Western and oldies mostly, as there is a very great demand for it from the Anglo Indian population in India, especially in the Bombay and Goa area which treats this sce more or less as a family radio channel over the last 50 years. (Victor A. Goonetilleke-CLN 4S7VK UADX, DXplorer Oct 1/BC-DX Top News/Bueschel-GER)

SWEDEN Radio Sweden English broadcasts:

0130	9495
0230	9495
0330	9495
1230	18960
1330	9430 17505 18960
1430	17505 18960
1430	18960
1830	6065 (Sundays on 5840 instead)

2030	6065 9445
2230	6065 7325

(SCDX/MediaScan Oct 9/DX Listening Digest/Hauser-OK)

SWITZERLAND Swiss Radio International, what remains of English broadcasts:

0730-0800	9885 13635 17665
0830-0900	21770
1100-1200	9540-Singapore
1730-1800	9605 13790 15555
1930-2030	9605 13660 15485 17660
2330-2400	9885 11660

(Sep 25 via Andreas Volk, Germany, ADDX and Hans Weber, via Wolfgang Bueschel via Alan Roe, World DX Club via Mike Barraclough/DX Listening Digest/Hauser-OK)

TANZANIA Radio Tanzania is now back on 7280 again, replacing 5985. So it seems they have two SW transmitters in use at present, one on 5050 and the other using either 5985 and 7280. This second transmitter has a rather low audio level. If you can't hear R. Tanzania on SW, you can listen to it on the web at: http://dnd.ttel.co.tz/RTD_Ratiba.html (Chris Greenway, East African Report, Oct BDXC-UK Communication/DX Listening Digest/Hauser-OK)

THAILAND Radio Thailand Bangkok is again active on 4830 with their English service as observed from about 1330 to 1530 presumed s-off because the station wasn't there at 1545 when I rechecked. 6070 and 7115 go on strong and clear (Victor A. Goonetilleke, 4S7VK, Sri Lanka, UADX, via DXplorer Oct 1 via BC-DX/DX Listening Digest/Hauser-OK)

Radio Thailand, World Service Broadcast Schedule

0000-0030	English	9680
0030-0100	English	13695
0100-0200	Thai	13695
0300-0330	English	15460
0330-0430	Thai	15460
0530-0600	English	13780
1000-1100	Thai	7285
1100-1115	Vietnamese	7285
1115-1130	Khmer	7285
1130-1145	Lao	6040
1145-1200	Butmese	6040
1200-1215	Malaysian	11805
1215-1230	Indonesian	11805
1230-1300	English	9810
1300-1315	Japanese	7145
1315-1330	Mandarin	7145
1330-1400	Thai	7145
1400-1430	English	9530
1800-1900	Thai	11855
1900-2000	English	9535
2000-2015	German	9535
2015-2030	French	9535
2030-2045	English	9535
2045-2115	Thai	9535

(Alokesh Gupta, New Delhi, India, Oct 16/DX Listening Digest/Hauser-OK)

UKRAINE Radio Ukraine International B01 complete schedule

0000-0100	German	5905
0000-0100	Ukrainian	7375 9610
0100-0200	English	7375 7420 9610
0200-0300	Ukrainian	7375 7420 9610
0300-0400	Ukrainian	7285 7375 7420 9610
0400-0500	English	7285 7375 7420 9610
0500-0600	Ukrainian	7285 7420
0600-0700	Ukrainian	7285 7420 9600 11720 11825
0700-0800	Ukrainian	6020 9600 11720 11825
0800-0900	Ukrainian	6020 9600 11720 11825 15520
0900-1200	Ukrainian	6020 9600 11720 11825 11840 15520
1200-1300	English	11720 11825 15520
1200-1300	Ukrainian	6020 9600
1300-1400	Ukrainian	6020 11720 11825 15520
1400-1500	Ukrainian	6020 7420 9610 11825 15520
1500-1600	Ukrainian	7420 9610 11825
1600-1700	Ukrainian	5905 7420 9560 9610
1700-1800	Ukrainian	5905 7285 7420 9560 9610
1800-1900	German	5905 7420 9560
1800-1900	Ukrainian	7285 9610
1900-2000	Ukrainian	5905 7285 7420 9560
2000-2100	Ukrainian	5905 7240 7285 9560
2100-2200	German	5905 9560
2100-2200	Ukrainian	7240 7285
2200-2300	English	5905 7240 9560
2300-2400	Ukrainian	5905 7240 9560

(Alexander Yegorov, via Wolfgang Bueschel via Alan Roe, via Mike Barraclough, World DX Club/DX Listening Digest/Hauser-OK)

UNITED ARAB EMIRATES From 1 September, Christian broadcaster *African Beacon* commenced regular broadcasts via the United Arab Emirates, 1800-2200 on 15365 //3230 (Meyerton). This replaces 9675 from Rampisham, UK (Direct/Australian DX News/ARDXC)

UNITED KINGDOM Here's my take of the *BBC World Service* schedule likely to be audible in North America. As always, your experiences may differ from those speculated here. Other frequencies targeting other regions may also be useful.

0000-0100	5975a 6135u 9915e 12095s
0100-0300	5975a 6135u 9525u 9915e 12095s
0300-0400	5975a 6135u 9525u
0400-0600	5975a 6135u
0900-1000	15190s
1000-1100	6195a 15190s(Sa/Su)
1100-1130	6195a 15190s 17780s
1130-1200	6195a 15190s

1200-1400	6195a 15190s 15220a
1400-1700	15190s 15220a
2100-2115	5975a 12095s
2115-2130	5975a* 11675a** 12095s
2130-2145	5975a 11680s** 12095s
2145-2400	5975a 12095s

a=Antigua
e=UK
s=Ascension
u=USA

* Caribbean Report, Mo-Fr
** to the Falklands, Tu/Fr

(Richard Cuff, Allentown, PA., Oct 23, swprograms/DX Listening Digest/Hauser-OK) [*Pathetic we have to resort to this, especially in these times-AQ*]


UNITED STATES OF AMERICA Special frequencies of IBB to Afghanistan:

0000-0100	RL Persian	9450IRA 9505UDO 15250IRA
0100-0130	VOA Urdu	9450UDO 15250IRA
0130-0200	VOA Pashto	15250IRA
0200-0230	VOA Dari	15250IRA
0230-0300	RL Tajik	9505IRA 15250IRA
0300-0430	VOA Persian	15250IRA
0430-0500	RL Persian	15250IRA 17855IRA
1200-1215	VOA Pashto	9540IRA 15355IRA
1215-1230	VOA Dari	9540IRA 15355IRA
1230-1300	VOA Persian	15250IRA
1300-1400	RL Uzbek	9540IRA 15355IRA
1400-1415	RL Persian	7385UDO 9645IRA
1415-1515	VOA Pashto	7385IRA 9645IRA
1515-1615	VOA Dari	7385IRA 9645IRA
1615-1700	RL Turkmen	7385UDO 9645IRA

IRA=Iranawila, Sri Lanka
RL=Radio Liberty
UDO=Udorn Thani, Thailand
VOA=Voice of America

(Ivo and Angel!, Observer, Bulgaria, Oct 10/DX Listening Digest/Hauser-OK)

VANUATU Around 0915 *RadioVanuatu* was on 7260 with a very strong signal here instead of 4960. I could also hear an En speaking station at that time (with Australian accents) on 4910 that I think is ABC station VL8T at Tennant Creek, but I didn't listen long enough to confirm that. I couldn't hear it on 2325 so it may be. I also stumbled on a strong Asian station on 2850 while tuning down to check for Tennant Creek, I guess it was Pyongyang. (Barry Hartley-NZL, BC-DX Oct 20/BC-DX Top News/Bueschel-GER)

UNIDENTIFIED 9460? Talk in vernaculars, very strong. 1830-1900, ID sounds like Radio E-LU-WA. Nigeria mentioned, sounded religious (Hans Johnson, Kruger Nat'l Park, South Africa, Oct, Cumbre DX/DX Listening Digest/Hauser-OK) 

Pirate Radio Report

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

United Patriot Radio Station Operator Steve Anderson Sought By The FBI—\$5000 Reward!

In last month's column we featured comments by George Zeller supporting the view that this station was a clandestine operation rather than a pirate. Since then, the station operator, Steve Anderson is in big trouble with the law!

Just before 8 pm on Sunday, October 14th, Steve Anderson was stopped by a Deputy Sheriff in Bell County, KY because the tail lights on his pickup truck were not working. Apparently Anderson argued with the sheriff and began firing at his police car. The deputy's 17 year old girlfriend was in the car at the time. She dropped to the floor and was not hurt. After the firefight the deputy then chased Anderson into the mountains where he ditched the truck. A search of his truck turned up pipe bombs and ammo. Later, Steve Anderson's home was searched and other items were removed.

As of October 24th Steve Anderson was still at large with a \$5000 reward leading to his arrest and capture. Can you imagine how the local FCC field agents must feel. I can just see images of them heading for the hills as Anderson fires shots at them. I bet they're very glad they didn't have to try and shut him down. So folks, there is no more **United Patriot Radio**. Will Steve Anderson be taken alive? Time will tell.

Loggings...

Many thanks to the following reporters: Brian Alexander-PA, Rich D'Angelo-PA and George Zeller-OH.

Alfa Lima International-Holland. Noted from 2340 UTC on October 13th on 15070 AM with pop music talk talk by Alfred. A regular these days. [Alexander-PA]

Mike Radio International-Holland. Pop music, station IDs logged at 0540 UTC on 9290 kHz AM mode on October 7th. An email address of mikeradio48@hotmail.com was announced. [Alexander-PA]

Psycho Radio was noted on October 21st at 0315 UTC on 6955 kHz USB with rock music, IDs at nice level. [D'Angelo-PA]

TIE/Take It Easy Radio. Heard on September 30th with a radio drama and oldies music at 0230 UTC on 6955 USB. Address: Box 1, Belfast, NY 14895. [Alexander-PA] Heard on October 21st at 0240 UTC with talk about operations in Afghanistan, IDs and hellos to listeners. [D'Angelo-PA]

United Patriot Militia Bingo, the pirate parody of UPR was noted on September 30th at 0145 past 0215 with rock music and station IDs on 6950 kHz in the AM mode. Reception reports to Box 293, Merlin, Ontario N0P1W0, Canada. [Alexander-PA] Also logged on October 20th at 0210 with announcer imitating Steve Anderson on 6925 kHz. [D'Angelo-PA]


WHYP, James Browyard's Memorial Station was noted on 6955 kHz in the am mode at 0205 on October 13th with rock and parodies. The signal was strong in PA. [Alexander-PA] Also heard on October 7th at 1542 on 6952.6 kHz with IDs. [Zeller-OH]

Z100 was heard at 0210 sign on on October 15th on 6955 kHz USB with a nice selection of oldies from the early 1970's, featuring Neil Diamond, Tyrone Davis, Norman Greenbaum, Jerry Reed, The Turtles, etc. [Lobdell-MA]

Europirates

As the days get shorter, the opportunity to log European pirate stations signing on on Sunday mornings will increase. This year many ones are signing on earlier, around 0500 UTC instead of the usual 0700-0800 UTC. This will only increase your chances of hearing them. People like Dave Valko, Dave Hodgson and Andrew Yoder have already had good luck in hearing some of them. The frequency range to try is from 6200-6400 kHz, 7400-7500 and 9290 kHz. Next month I'll complete a list of targets to try for.

Don't forget to send in your Halloween pirate logs in time for next month.

Until next month, Happy Pirate DX! 

QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

Patriotische Union Kurdistan (P.U.K.) Büro für Internationale Beziehungen

Postfach 21 02 31, 10502 Berlin - Germany
Telefon: (030) 344 87 38
Telefax: (030) 345 21 80
Email: PukOffice@pukg.de

Samuel Barto
47 Prospect Place
Bristol, Connecticut
U.S.A. 06010

Berlin, 10/09/2001

Dear Sir,

We are very glad that you were able to receive „Voice of the People of Kurdistan“ in Bristol/ U.S.A.

We checked your reception report and found it correct. So we are pleased to verify that on the 11th of September 1999 from 03.50 to 04.00 UTC time and on frequency 7.000 kHz, you were listening to the programme details of our broadcasting station „Voice of the People of Kurdistan“ written exactly in your letter.

We are happy about your interest and we hope you can get some information about the Kurdish way of life, the culture, the politics and our struggle for freedom and democracy against the suppression and dictatorship of Saddam Hussein in Iraq.

The widening of information about Iraqi Kurdistan in your country is very important for us. Therefore we ask you to spread your knowledge to receive „Voice of the People of Kurdistan“ in your country.

We enjoy with you and hope you can continue listening to our radio station in good quality. All the best for you.

Yours sincerely

Patriotische Union Kurdistan
(P.U.K.)

Postfach 210231
10502 Berlin

Dara Gafori

NOTES: I'm sure we were all absolutely horrified by the hijackings and WTC disaster last month. Our prayers and hope for a better future go out to everyone...Sam.

CLANDESTINE: Voice of the People of Kurdistan

7000 f/d ltr. (left) in 5 wks. My reception was on September 11, 1999. The QSL is dated September 10, 2001 and the envelope was post-marked from Germany on September 11, 2001.... 2 years to the date of reception and the same day of the attack.... Strange but true..Sam.

ANGOLA (Clandestine):

* **VORGAN** 9750, 7090, 6220 and 6225 received a reply from Action in Southern Africa, 28 Penton Street, London that information published in DX magazine regarding ACTSA verified broadcasts of VORGAN was in error. (Field-MI).

ARGENTINA (Pirates): Radio Bosque, Avellanera

* 11423.8 f/d cd. in 2 mo. 100 watts, v/s Alejandro Garcia, Operator. (Kusalik-ALB). 6959.2 f/d cd. in 22 mo. after a f/up rpt. 50 watts.

ASIATIC RUSSIA: Vladivostok Radio 4010 handwritten reply (Kusalik).

* in EG. Station now on 7175 kHz. (Field-MI). Herald Broadcasting Syndicate 9940 via Irkutsk f/d DIY "Curtain Array" cd. in 2½ mo. v/s Cindy Riehm. (Kusalik). 9875 via Vladivostok same in 2½ mo. (Kusalik). 17635 via Komsomolsk-Amur same in 2½ mo. (Kusalik-ALB). Voice of Russia

* 12055 via Chita f/d cd. w/ personal ltr. in 3 mo. (Field-MI). BBC 11695 via Vladivostok handwritten reply in EG direct from the site. (Field-MI).

AUSTRALIA: Christian Voice 21680 via Radio Australia site

at Darwin f/d ltr. w/ signed prepared cd. in 50 ds. v/s Mrs. Lorna Manning, Site Administrator. (Kusalik-ALB). Radio Australia 17580 via Shepparton f/d "#65 Commemorative 27th Olympiad" cd. in 149 ds. after an e-mail f/up rpt. This was for 2 IRCs. (Kusalik).

AUSTRIA: Adventist World Radio 15195 via Moosbrunn f/d

* cd. for First Day Broadcast in 20 ds. for \$1.00. Also rcvd. AWR radio stamp. (Kusalik-ALB).

CANADA: Voice of Vietnam 9795 via Sackville QSL arrived

in 5 mo. after a f/up rpt. Schedule rcvd. (Field-MI).



RADI 10 ARGENTINA QSL

AM 710

LA RADIO MAS POTENTE DEL PAIS

Confirmamos su informe de recepción.

We confirm your reception report.

Día (Date) 27/06/01

Hora (Hour) 23:50/00:35 UTC

Frecuencia (Frequency) 20,276 KHz

Esperamos recibir nuevamente cartas de Ud.

Hope to hear from you again.

*Super. Field / Dipole,
224, R-Key 770V, Womissing,
PA 19610, USA.
Emisoras Radio 10, Viorik 1199
(1414) B.A. Argentina.*

[Signature]
Firma / Signature

CHILE (Pirate): Radio

* Pirana International 6925.5 2 f/d cds. apologizing for the long delay. Rcvd. QSL in 4 yrs., 5 mos. and several f/ups. v/s Jorge R. Garcia, Operator. (Kusalik-ALB).

CHINA, PEOPLE'S REPUBLIC

OF: Radio Canada International 15455 via Xi'an f/d "Fessenden and Marconi" cds. in 20 ds. v/s Bill Westenhaver. (Kusalik).

ECUADOR: Electronic DX

* Press 9745 via HCJB

f/d "Penguins" cd. w/ EDXP info. in 16 ds. v/s Bob Padula. All for 2 IRCs. (Kusalik-ALB).

ENGLAND: Merlin Network One 9915 via Woofferton f/d personal ltr. v/s

- * Michelle Franks, Internal Communications Assistant. (Field-MI). 11985 and 17630 via Rampisham same as above. (Field-MI). 13660 via Skelton same as above. (Field-MI)... I asked about their transmission on 6275 kHz but she could not supply any info. (Field-MI). Radio Canada International 21570 and 15825 f/d "Fessenden and Marconi" cd. in 20 ds v/s Bill Westenhaver. (Kusalik). 17820 via Woofferton same cd. in 17 ds. same v/s. (Kusalik). 11690 and 13690 via Skelton same cd. and v/s
- * in 20 ds. (Kusalik). Salama Radio International 15475 via Merlin Network One verie ltr. w/ f/d prepared cd. in 22 ds. for \$1.00. v/s Dr. Jacob Abdalla. (Kusalik-ALB).

EURO PIRATES: Radio Bandonica and Radio Enterprise 11480.8 both stations

- * verified w/ separate ltr. and a nice "Free Radio from the Netherlands" ballpoint pen in 20 ds. The Enterprise QSL was from Marcel and the Bandonica was from his girl friend's father. 200 watts. (D'Angelo-PA)
- * same in 17 ds. w/ pen and station info. (Kusalik). Classis Rock Radio

7470 QSL in 1 day for an e-mail rpt. to: (classicrock radio@hotmail.com) They asked for postal rpts. to: P.O. Box 663, 7900AR, Hoogeveen, Holland.

* (D'Angelo-PA). Radio

Nova International

7450 my e-mail rpt. was QSLed in about 6 hours w/ e-mail reply. v/s Terry Philips, who requested a postal mail report be sent to the mail drop at the Cedex France address (D'Angelo-PA).

EUROPEAN RUSSIA: Voice

of Russia 17725 via

Ekaterinburg f/d cd

w/ personal ltr. in

3 mo. v/s T. Stukova, Letter Dept.

* (Field-MI). Radio

Canada International

9920 via Moscow

f/d "Fessenden and

Marconi" cd. in 20



SALAMA RADIO



8th August 2001

RICHARD A D'ANGELO
2216 BURKEY DRIVE
WYOMISSING
PA 19610 - 1553
USA

Dear RICHARD

Thank you very much for listening to Salama Radio. We can confirm that you indeed tuned into Salama Radio broadcasting on 15.475 MHz at 1900hrs UTC.

We have been on air since July 6th, 2001 and we are currently test transmitting, so there is no formal schedule to the programmes. We are hoping to be more structured by September 2001. Our programmes will be mainly Christian, with about 30% of programmes dedicated to moral issues and African folk songs.

We hope you will be able to tune into Salama Radio as often as you can, and we would be grateful if you could let us know if there is any deterioration in signal from your location.

Thank you once again for listening and we look forwards to hearing from you again soon.

God bless

PP Lakasema

Dr Jacob Abdalla
Chairman, Salama Radio.

* ds. usual v/s.(Kusalik). 15200 via Armavir f/d cd. in 20 ds.(Kusalik). Radio Studio "Gardarika" 9940 f/d "Saint Petersburg, The Moika River" cd. in 34 ds. v/s Dmitry Vasyliiev, Short-wave Project Manager. (D'Angelo-PA).

FRENCH GUIANA: Swiss Radio International 11905 via Montsinery f/d cd. in 3½ mo. for 2 IRCs.(Kusalik-ALB).

GERMANY: RTBF 17570 and 9490 via DTK Julich f/d cd. w/ ltr. and schedule in 2 mo.(Field-MI).

WYFR 13855 via DTK Julich f/d cd. w/ site and various religious items in 1 mo.(Field-MI).

Adventist World Radio 5840 via DTK Julich f/d cd. in 1 mo. from the UK address. Also rcvd. station pennant, schedule, sticker, calendar and a signed magazine. (Field).

United Methodist Church Global Ministry 15485 via DTK Julich f/d ltr. in 1 wk. v/s Donna Niemann, Program Director. (Field-MI).

Radio Nederland 9860 via Wertachtal f/d cd. in 1 mo. w/ wrong freq. I actually reported them on 6045.(Field). Swiss Radio International 15220 via DTK Julich f/d cd. in 3½ mo. for 2 IRCs.(Kusalik-ALB). Radio Canada International 15330 and 11935 via Wertachtal f/d "Pessenden & Marconi" cd. in 22 ds. v/s Bill Westenhaver.(Kusalik). Radio Africa International 15485 and 13810 f/d "Map" cd. in 279 ds. The cd. stated



"We just got QSL cards so we are now responding to all reports." v/s Donna Niemann and Raphael Mbadinga. (D'Angelo-PA).

GUATEMALA: Radio Verdad

4052.5 p/d and f/d cds. w/ personal ltr. and station pennant in 20 ds. for a SP rpt., tape and \$1.00. Station will accept rpts. in EG. (Klinck-NY).

JAPAN: Radio Canada International

9680 and 11890 via Yamata f/d "Pessenden & Marconi" cd. in 22 ds. v/s Bill Westenhaver.(Kusalik-ALB).

JORDAN: Radio Jordan

11690 f/d cd. w/ sked. and station sticker in 253 ds. for \$2.00. v/s Al Haitham Shibli Atoom, Director. (Clement-GA).

KOREA-REPUBLIC OF: Radio

Canada International 7150 via Kimjae f/d cd in 22 ds.(Kusalik).

MALAGASY REPUBLIC: Radio

Canada International 17740 f/d cd. in 22 ds (Kusalik). Voice of Hope 12060 and 15320 via Radio Nederlands f/d prepared cd., signed and stamped w/ ltr. in 43 ds. My rpt. was sent to Uganda.lik v/s Jane Namadi.(Kusa-



မြန်မာ့အသံ
Democratic Voice of Burma

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Tel./Fax.
9111 5623797
9111 5300713
delhi@dvb.org
gandhi@dvb.org

Plus
Transmission
Bureau Time
19:15-20:15
Frequency
1645 KHz
1640 KHz
1770 KHz

Bureau
Transmission
Bureau Time
21:00-21:25
Frequency
5945 KHz
11800 KHz
15400 KHz
1770 KHz

George L. Glatzack
5 Hacienda Court
Santa Fe
New Mexico
87505
USA

2/2/01

Oslo, 2 Feb 2001

Dear George L. Glatzack,

On behalf of the director of Democratic Voice of Burma (DVB), I would like to thank you for your reception report of our transmission.

I would like to verify your report of our transmission of January 25, 2001 and like to transmit that your reception is correct. DVB is using transmission facilities from Norway, Germany, Madagascar and World Radio Network (WRN) in London. The following are the frequencies DVB uses during its transmission.

Morning Transmission - 23:30 - 23:55 UTC
25M, 11820 KHz and 31M, 9430 KHz

Second Transmission - 12:45 to 13:45 UTC
16M, 17485 KHz and 49M, 5945 KHz

Third Transmission - 14:30 to 14:55 UTC
16M, 17485 KHz - 49M, 5945 KHz and 25M, 1185 KHz

As you already know, there is no freedom of speech and publication in Burma under the present military ruling, and the people in the country have to depend on information from Burmese Service Broadcasting Station abroad. As one of DVB's aim is to promote democracy, human rights and freedom of speech in Burma, DVB is one of their main sources of unconsensored information.

However, the ruling military council in Burma is jamming our transmission but it could not cover the whole country. As you probably are a freedom lover, we would like to request you to write to the Burmese Information Minister, asking him to stop the jamming of DVB's transmission and respect the freedom of speech and expression of all mankind. His address is:

Information Minister
State peace and Development Council (SPDC)
Minister of Defences, Signal Pagoda Road
Yangon (Rangoon), Myanmar (Burma)

Please feel free to write to us if you need further information and we wish you every success in your personal and professional goals.

Your sincerely,

Ref. Don...

Frederic Borneman
Democratic Voice of Burma

RADIODIFUSORA "LA VOZ DE LOS CARAS"



Radio de Caracas - Panamá - Ecuador
 O.S.F.A. SREDO
 ESTUDIO: CALLE MONTUFAR 1012
 JOSE ALEJANDRO NEVAREZ F.
 GERENTE PRODUCCION

OHIA CORTE 4798 S.C.
 TELEF. 800370 - FAX 800305
 ING. MARCELO NEVAREZ F.
 DIRECTOR GENERAL



Diciembre 1 de 1995

Se:
 RICHARD A. D'ANGELO
 2216 BURKEY DRIVE
 WYOMISSING, PA 19610-1553
 EE.UU de A. (U.S.A.)

Estimado señor:

Esperamos muy contentos y agradecidos de que escuche nuestros programas en idioma Español en la frecuencia de 4.795 Kc. de la Onda Corta, CONFIRMANDO que su informe de Recepción es correcta.

Como información técnica le indicamos que nuestro equipo transmisor está situado en las colinas adyacentes a la ciudad, sobre Dipolito a 15 metros del nivel del mar y 200 a nivel del mar con potencia de 50 w y de construcción nacional.

Nuestra ciudad Bahía de Caraquez se encuentra situada en el centro de la Costa Ecuatoriana. Es una pequeña bahía natural donde desemboca el río Chone, en el centro una isla en forma de corazón y rodeada de montañas que le dan un toque de encanto a la llamada PUERTA DE LA NACIONALIDAD ECUATORIANA.

Su nombre se desprende de los primeros pobladores LOS CARAS, que llegaron a nuestras playas y formaron los diferentes reinos que finalmente serían la base de nuestra historia.

Nuestra Empresa fue fundada el 21 de Junio de 1946 desde cuyo inicio se destacó por su personal, seriedad y buena programación lo que le ha valido hasta ahora, por ser la pionera de la Radiodifusión, el reconocimiento nacional e internacional.

Esperamos seguir contando con su atención la que se sumará a la de miles de oyentes en el mundo y que disfrute de nuestros programas de 07h. a las 24.00h. de Ecuador. GRACIAS.

Muy Atentamente

LA VOZ DE LOS CARAS
 Ing. Marcelo Nevarez Paggioli,
 Director General

Also rcvd. station schedule and calendar. (Kusalik-ALB).

SOUTH AMERICAN (Pirates): Radio Titanic 11440 via **Radio Cochiquaz** f/d

* "25th Anniversary Special QSL" cd. w/ ltr. and info. sheet in 4 mo.

* (Kusalik). **Q-103 The Jazz Lighthouse** 11440 via **Radio Cochiquaz** f/d QSL #47 w/ verie ltr. in 36 ds. v/s Juha Viren. Also rcvd. postcard from Oulu, Sweden. Station said this was their first rpt. from Can-

* ada. (Kusalik-ALB). **Lord Radio** 11440 via **Radio Cochiquaz** f/d form ltr. in 16 ds. w/ station sticker and info. sheet (Kusalik)

SWEDEN: Radio Canada International 5995 and 5865 via **Horbj** f/d cd. in 20 ds. (Kusalik).

THAILAND: BBC 11955 f/d cd. w/ site in 7 mo. after a f/up rpt. v/s Miss Sukanya Choo-phudsa. (Kusalik).

UNITED ARAB EMIRATES: Radio Canada International 17820 via **Dhabayya** f/d cd. in 20 ds. (Kusalik)....

I'm typing this while at work

shh. everybody keep quiet. I would of listed this as Abu Dhabi or Dubai if I could of remembered in which nation the transmitter site is located...Sam.

UZBEKISTAN: Radio Nederlands 12065 via **Tashkent** f/d cd. w/ site in 22 ds. for 2 IRCs. (Kusalik-ALB).

I really don't have enough USA QSLs to justify using another page. I'll get the remainder in next month. This looks like the Marlin Field and Ed Kusalik Memorial QSL Column. If it wasn't for RCI we wouldn't have too much to report. All kidding aside, there are some truly fantastic verifications this month.
 Best of QSLing.....Sam.



Net Notes

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

Our thoughts and prayers go with the US and UK military engaged in conflict, and with all those dealing with and combating the anthrax attacks at home.

What's Wrong with This Image?

Kai Lugwig, a regular writer to the VOA's Communications World program, forwarded a CNN TV screen shot to Kim Elliott who sent it on to me. It's a real hoot. See www.trsc.com/musings.html#cnndumb. The e-mail caption was "Hopefully CNN knows where Afghanistan is..."

It is incredulous that a supervising editor didn't catch this mistake. Clearly the military has better intelligence....

New Receiver

On Oct 5 Universal Radio announced a new tabletop receiver from Ten-Tec. The RX-350 is an HF IF-level DSP receiver akin to the receiver section of the PEGASUS and JUPITER amateur transceivers. Features include 35 selectivity positions, preselectors across the LW, MW and HF ranges, and selectable synchronous sideband. Ship date is expected in December, price range US \$1200. See www.universal-radio.com/catalog/comrxvr/0350.

[html](http://www.tentec.com/rx350.html) and www.tentec.com/rx350.htm for details.

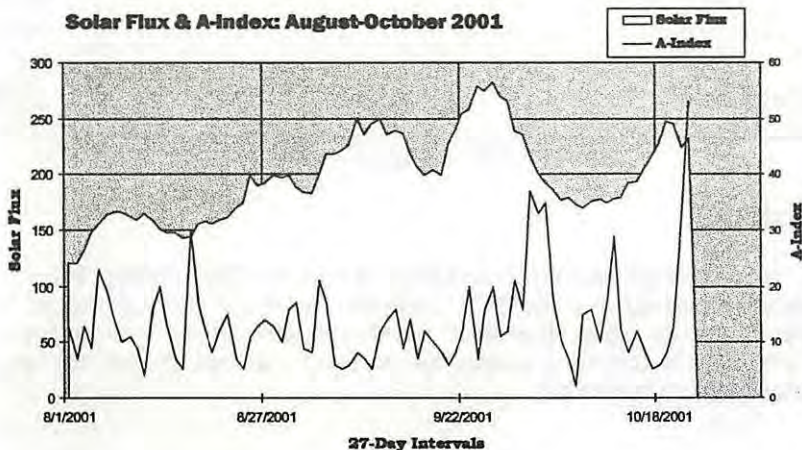
Change at CQ

Tomas Hood, NW7US of Washington, tells us that from January 2002 he is taking over the CQ propagation column from retiring CQ editor George Jacobs, W3ASK. Jacobs had written the column for 50 years and, to the best of our knowledge, never missed a column. Hood is already quite active in propagation as evidenced by the home page at his www.hfradio.org Web site.

Clandestine Radio

Nick Grace and Martin Schoech continue to deliver news of radio in Afghanistan via Clandestine Radio Watch at www.clandestineradio.com/ and www.clandestineradio.com/martin/crw-main.html. Clandestine Radio Watch (CRW) is a biweekly summary that centralizes the latest news and developments affecting the study of clandestine radio in an easy-to-read format. Those who want to get CRW on a regular basis (more than 2 times a month) free of charge can subscribe quite easily via groups.yahoo.com/group/crwatch.

Solar Flux & A-Index: August-October 2001



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
Jerry BERG, Lexington, MA	R8A 165' LW
Ralph BRANDI, Tinton Falls, NJ	AOR7030, R8, 250' longwire
Paul BROUILLETTE, Geneva, IL	Drake R8, ICF2010, 60' long wire
Peter COSTELLO, Matawan, NJ	AR3030 DX-390 YB400 70' LW Tun-4A
Rich D'ANGELO, Wyomissing, PA	Drake R8B, Lowe HF-150, DX Sloper
Bob FRASER, Cohasset, MA	Sony ICF-2003 ICF-SW100S 2m LW
Hugh GRIFFIN, Portsmouth, VA	DX-160, longwire
Bob HILL, Littleton, MA	Sony 2010 120' dipole at 35'
Harold LEVISON, Phila, PA	Drake R8
Jerry LINEBACK, Scranton, KS	Icom 746 beverage antennas
Jack LINONIS, W. Middlesex, PA	DX375, DX160A, NCX20, 65' LW Sloper
David M MARTIN, MD, Atlanta, GA	RX-320, Eavesdropper trap dipole
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX-320, HF150, SE3, active antenna
Ed NEWBURY, Kimball, NE	WJ-1000, R8, 60' sloper, 20' loop
Mike PACE, Tipton, IA	Drake SW2, MFJ1022
Betsy ROBINSON, Clinton, TN	Sony 2010 Indoor antenna
Rick STIZ, FL	NRD-535
Gerald WITHAM, Keauu, HI	R8, 185' split LW, ANC-4

The DX season has started as the leaves fall and the world series is about to begin. The NYC clean up continues and the war has started. I have a feeling this will be a long winter. My thoughts and prayers are with the troops and a fast end to this. At my location there are more fighter aircraft over head than commercial aircraft. Life in the USA has changed.

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 • spaszkiwicz@yahoo.com

- 2310 AUSTRALIA ABC 10/4 1047 EG pops & talk //others, fair (Line-KS) 9/29
1110 EG pop mx (Mart-GA)
- 2325 AUSTRALIA ABC 10/7 1225 EG YL (Line-KS)
- 2410 NEW GUINEA R Enga 10/7 1131 YL in lang, poor (Line-KS)
- 2485 AUSTRALIA ABC 10/1 1207 EG pops, fair (Line-KS)
- *2899.1 SUNDAS RPD Ngada, Bajawa 10/7 1224 OM w/RR1 nx //others (Line-KS)
- *2960 SUNDAS RPD Manggarai 10/7 1223 OM w/RR1 nx //others (Line-KS)
- 3205 NEW GUINEA R Sandaun 10/7 1221 lang pops, good (Line-KS) 9/30 1130
Carpenters song, ID, "Just one Look" (Mart-GA)
- 3215 SULAWESI RRI Manado 10/7 1147 OM in IN, IS, very poor (Line-KS)
- 3220 NEW GUINEA R Morobe 9/26 1132 OM in lang, lang pops (Line-KS) 10/7 1120
C&W religious mx, weak fluttery sig (Mart-GA)
- 3250 HONDURAS R Luz y Vida 9/26 0355* talk, vocals, ID, NA at s/off (D'An-PA)
10/10 1149 OM in SP, fair (Line-KS)
- 3260 NEW GUINEA R Madang 10/10 1144 OM in lang, poor (Line-KS) 10/7 1122
C&W rel mx in Pidgin (Mart-GA)
- 3265 SULAWESI RRI Gorontalo 10/7 1147 IN pops, IS (Line-KS)
- 3275 PAPUA R S Highlands 10/7 1129 M&W in lang, poor (Line-KS)
- 3291.3 GUYANA Vo Guyana 9/29 0305 EG EZL mx, ment Georgetown (Mart-GA)
- 3305 NEW GUINEA R Western 10/7 1220 OM in lang, very poor (Line-KS)
- 3310 BOLIVIA R Mosoj Chaski 9/28 0148 mx, anmts, ID 0155, poor mod (Bran-NJ)
- 3325 BOUGAINVILLE R Bougainville 9/26 1217 pops //4890, under RRI (Line-KS)
- 3325 KALIMANTAN RRI Palangkaraya 10/7 1219 RRI nx (Line-KS)
- 3343.9 UNID 10/4 0038 prob Latin w/slow annmts or comunicados, mx bridge
(Hill-MA)
- 3345 MOLUCCAS RRI Ternate 10/7 1127 IN pops, poor (Line-KS)
- 3360 GUATEMALA LV de Nahuala 9/25 0412* marimba mx, talk, ID (D'An-PA)
- 3366 GHANA GBC-2 9/19 2335 EG EZL mx, ID, nx abt Taliban (Mart-GA)
- 3375 NEW GUINEA R W Highlands 10/7 1125 OM in lang, poor (Line-KS) 10/7 1125
EG rel mx, "Live my Life in Jesus" (Mart-GA)
- 3385 NEW BRITAIN R East 9/24 1052 talk, ment PNG, group vocals, ID (D'An-PA)
10/7 1124 YL in lang, poor (Line-KS)
- 3905 IRIAN JAYA RRI Merauke 10/7 1123 IN pops, IS (Line-KS)
- 3905 NEW IRELAND R New Ireland 10/7 1128 mx pgm good sig (Mart-GA)
- 3959 SULAWESI RRI Palu 10/7 1226 OM w/RR1 nx //others (Line-KS)
- 3976 KALIMANTAN RRI Pontianak 10/7 1226 OM w/RR1 nx (Line-KS)
- 3985 CLAND Vo Iranian Kurdistan 9/17 0230 Farsi Ids, echo talk (Mont-PA)
- 4000.1 SULAWESI RRI Kendari 10/7 1226 OM w/RR1 nx (Line-KS)
- 4052.5 GUATEMALA R Verdad 9/25 0110 SP Bible readings, ID, addr (Brou-IL)
- 4606.4 IRIAN JAYA RRI Serui 9/14 1146 YL in IN, last time hrd (Line-KS)
- 4753.2 SULAWESI RRI Makassar 9/24 1054 IN talks, vocals, ID, no IS, nx (D'An)
10/7 1226 OM w/RR1 nx (Line-KS)
- 4760 KASHMIR AIR Leh 10/7 1231 OM in EG //4920 (Line-KS)
- 4781.4 ECUADOR R Oriental 9/26 0200 SP pop mx, echo ads, ID, saludos (Brou-IL)
- 4789 IRIAN JAYA RRI Fak-Fak 10/7 1226 OM w/RR1 nx (Line-KS)
- 4790 INDIA AIR Chennai 10/6 2359 IS (Berg-MA)

- 4800 **LESOTHO R Lesotho** 9/26 0356 music, IS, 3 TP, ID and nx (D'An-PA) 10/4 0335 accordion mx! IS 0359, Sesotho nx (Bran-NJ)
- 4810 **ARMENIA Vo Armenia** 9/16 0240 pres Farsi US pops, somber mx (Mont-PA)
- 4830 **VENEZUELA R Tachira** 9/19 0250 ment San Cristobal, mx, ID (Mart-GA)
- 4832.1p **HONDURAS R Litoral** 9/30 1011 recorded rel concert, applause (Berg-MA)
- 4845 **MAURITANIA R Mauritanie** 9/29 2250 AR mx, nx, ID, "Fuer Elise" (Mart-GA)
- 4850 **INDIA AIR Kohima** 10/6 1233 YL w/EG nx //4920 (Line-KS)
- 4860 **INDIA AIR Delhi** 10/7 1230 OM in EG //4920 (Line-KS)
- 4875 **IRIAN JAYA RRI Sorong** 10/3 1201 RRI nx, poor (Line-KS)
- 4880 **INDIA AIR Lucknow** 10/7 1234 subcont mx, poor (Line-KS)
- 4890 **PAPUA NBC** 10/7 1222 lang pops, good (Line-KS) 9/16 1050 EG speech for Independence Day, song by chorus, ID, IS, TC, nx (Mont-PA) 10/7 1120 booming sig w/mx, rel msgs, nx, jazz version of Amazing Grace (Mart-GA)
- 4902 **SRI LANKA SLBC** 10/2 2205 extended Full Moon sked Buddhist chanting weak but fairly clear, not there next nite, ID confirmed by Victor G (Hill-MA)
- 4915 **GHANA GBC** 9/19 2310 shouting, regional mx, EG nx (Mart-GA)
- 4920 **INDIA AIR Chennai** 10/7 1229 YL in lang, TP, EG nx, off 1232 (Line-KS)
- 4925 **SUMATRA RRI Jambi** 10/7 1226 OM w/RRI nx (Line-KS)
- 4930 **DOMINICAN REP R Barahona** 9/22 2340 hot vocals, brief anmts, also 0400 full ID (Berg-MA)
- 4939.5 **VENEZUELA R Amazonas** 9/22 0928 YV mx, ID & TC (2 min fast) (Berg-MA)
- 4950 **KASHMIR AIR Srinagar** 10/21 0023 IS, Vande Mataram chorus, anmts, seductive local mx, anmt, chanting (Hill-MA) And as I type this on 10/22, I have to say that is a current logging!--sp
- 4976 **UGANDA R Uganda** 10/4 0408 EG nx by YL, ID, nx, mx bumper (Bran-NJ)
- 4991 **SURINAM R Apintie** 10/4 0424 Amer soul mx //website (Bran-NJ) 10/8 0340 SP OM anncr, mx pgm //website (Mont-PA) Not Dutch?--sp
- 5010p **CHINA CPBS Beijing** 10/6 2209 CH & some EG, lang lesson? (Berg-MA)
- 5015p **TURKMENISTAN R Asgabat** 9/30 2330 exotic flute mx, brief tlk, watery sig (Berg-MA)
- 5020U **CUBA R Rebelde** off freq 9/23 0940, Cuban vocals, talk, ID, ment onda corta (Berg-MA)
- 5020 **SOLOMON ISL SIBC** 10/3 1010 BBC nx in EG, local mx (Line-KS) 10/7 1045 EG YL talk, Pacific mx, prayer, anthem to 1103* (Mart-GA)
- 5050.1 **TANZANIA R Tanzania** 10/3 0202 SH talk, chorus, ID in SH/EG (Bran-NJ)
- 5059.9t **CHINA Xinjiang PBS** 9/30 2331 East is Red IS, OM talk (Berg-MA)
- 5100 **LIBERIA R Liberia** 9/16 2250 EG discussion on terrorism, ID, pops (Mart)
- 5500 **CLAND Vo Tigray Revolution** 9/17 IS, ID, nx (Mont-PA)
- 5770 **NICARAGUA R Miskut** 9/28 0104 Latin mx, Ids, trnx Montgomery (Bran-NJ)

Some very nice logs this month, nice program detail, etc. I had a tentative Radio Alvorada on 4965 one night but that is about it. Happy Thanksgiving. As usual, I am a month late in saying this to our Canadian members.



FOR SALE: "Passport to World Band Radio" '97, \$7. WRTH '97, \$10, 2000 \$18. Complete NASWA Journals '99 \$15; 2000 \$17. Perry Ferrell's Guides: RTTY Freqs. 2nd Edit. \$5; Confidential Freq. Lists, 5th edit. \$5; 6th edit. \$10; 7th edit. \$12. All items include shipping (overseas shipping extra). Cashiers check or money order only, please. Al Drehmann 389 Laurel Heights Lane, Tryon, NC 28782-6643. E-mail aldreh@alltel.net Phone 828 894-3398. No collect calls, please

International Band Loggings

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

- 5955 **SOUTH AFRICA Channel Africa** in EG *0400, nx, ID, cmntry on South Africa's position on Bush's speech, S-9 signal w/severe fades, QRM from 5950 (Montgomery PA 9/22)
- 5985 **CONGO R Congo** Brazzaville in FR 2228, local mx, ID, mx by Youssou n'Dour, closing ancmt, NA, sign off 2300 (Brandi NJ 10/4)
- 5985 **TANZANIA R Tanzania** in SH 0420, regional mx, chanting, drums, QRM WYFR (Martin GA 9/30)
- 5995 **MALI ORTM Bamako** in FR *0600, local mx, vocals in vernac, 2 OM tlks 0630 (Martin GA 9/30)
- 6045 **ZIMBABWE ZBC Harare-2** in Vern 2118, local pop mx w/guitars, // web site 40 sec delay, poor at 2118 but improving to fair, signal buried by RCI s/on 2159 (Brandi NJ 10/3)
- 6050 **NIGERIA RN Ibadan** in EG 2210-2246*, sports coverage, ID, no ancmt at s/off (D'Angelo PA 9/24)
- 6055 **RWANDA RR Kigali** in FR 2055, tlk, ID's in many languages, fqys, NA at s/off (Brandi NJ 9/27)
- 6070 **CANADA CFRX Toronto** in EG 2125, usual CFRB relay, phone-ins re day care, ID, nx w/items abt impending action in Afghanistan, g, xmtr power 1 kw. (Martin GA 10/6)
- 6090 **ANGUILLA World University Network** in EG 0129, Dr. Scott asking for money (Newbury NE 9/28)
- 60999 **LIBERIA R Liberia Int** in EG 0610, Afro vcls, ID 0615, TC, preaching, mx, f-g (Berg MA 9/22)
- 6100 **BOSNIA R Yugoslavia** relay in EG 2123, mx, nx, headlines, ID 2126, pgm sked (Brandi NJ 10/10)
- 61006 **NORTH KOREA KCBS Kanggye** in KR 2133, Oriental-flavored arias segied. //96654, break in mx at 2145 for tlk by YL, wiped out at 2159 by Canada's R Japan relay s/on 2159 (Hill MA 10/10)
- 6145 **CANADA R Japan** relay in EG 0025, YL w/tlk on politics, OM on light rays (Levison PA 9/4)
- 6145 **JAPAN R Japan** Tokyo in RS 0830*, JP vocals, discussion in RS, ancmts at s/off (Berg MA 9/22)
- 6160 **CANADA CKZN St. Johns Newfoundland** in EG 2245, interview w/prexy of Canadian Medical Assn on problems w/access to specialty care and medical testing, (Martin GA 9/24) 300 watt xmtr.
- 6175 **CANADA BBC** relay Sackville in EG 0056, London Philharmonic orch selections (Pace IA 9/28)
- 69567 **PERU LV del Campesino** Huarmaca in SP 2320-2400+, OA folk mx, ancmts, f (Alexander PA 9/29)
- 7115 **THAILAND RT Bangkok** in Thai 2157, IS of Big Ben-type clock chimes, mx, ancmts, only marginal reception of 10 kw domestic outlet (Hill MA 9/30) ED: First class DX on East coast.
- 7125 **GUINEA RTV Conakry** in FR 2345, OM w/tlk, local vocal mx, NA at s/off 2400 (Martin GA 10/6)
- 7195nf **UNITED ARAB EMIRATES R Japan** relay in JP/EG 1945, IS, ID in JP/EG to 2050, pips at 2000, tone at 2050, back to IS at 2055, off at 2059:50 (Brandi NJ 10/10) This is one of several "emergency broadcast" fqys related to terrorist matters since 10/10. Apparently R Japan has had some bugs in getting programming on the air on the new frequencies. Listed // for 7195 is 6165 from Yamata, Japan
- 7200 **SUDAN R Omdurman** in AR *0150, jaunty IS-like instrument played over and over, pips at 2000, ID in AR, fair signal amid high QRN levels (Hill MA 9/20)
- 7205 **CYPRUS R Cyprus** in GK 2235, traditional GK instrumentals, abrupt s/off 2245 (Martin GA 9/29) ED: this is a half hour transmission 2215-2245 on weekends only.
- 7210 **VIETNAM VOV Hanoi 4th Network Minority Service** in VT 2155, test tone followed by Oriental mx, NA 2158, tlk in dialect *2200, poor sig w/ham QRM, better on //5925 before 2200 (Hill MA 10/2)
- 7240 **SWAZILAND TWR Africa** in SH 0330-0345*, relig program, TWR ID (Martin GA 9/30)
- 7410 **INDIA AIR Bangalore** in EG 2110, regional mx, letterbox, sked, ID (Martin GA 10/1)
- 9505 **JAPAN R Japan** Tokyo in EG 1435, tlk on cultural, econ effects of US terrorist attacks (Newbury NE)
- 9610 **PHILIPPINES FEBC Manila** in Laotian *2227, repeated ID's in EG at s/on, IS, into program in Lao at 2230 (Martin GA 10/6)
- 9650 **TURKEY V of Turkey** in EG 0300-0350*, ID, fqys, nx, regional mx, travelog promoting local points, cmntry on TK support of US against terrorism (Witham HI, Rhyne NC, Linonis PA, Newbury NE)
- 97042 **ETHIOPIA R Ethiopia** Addis Ababa in Amheric *0300, lcl folk mx, p, //7110 (Alexander PA 9/30)
- 9715 **PORTUGAL RDPI Lisbon** in PT *2300, ID, NA, fqy, sked, pips, mx, g (McGuire MD 10/2)
- 9775 **RUSSIA VORWS Moscow** in EG 1815, "Musical Portraits" at the Bolshoi, g (Fraser MA 9/16)
- 9835 **IRAN VOIRI Kamalabad** in EG 0030, Koran translation, nx incl Osama bin Laden's fax message to US calling for dumping Israel, "Supporting Iraq in post-Iraqi War", //9022, 11970 (Martin GA 9/25) in EG 0105, AR mx, discussion of American feelings after terrorism attack (Newbury NE 9/28)
- 9870 **AUSTRIA RAI Vienna** in EG *0130, spec rpt on US terrorist attacks, exc (Brouillette IL 9/16)


- 9900 **EGYPT R Cairo** in EG 0140, tlk on different roles of men and women in Islamic society highlighted with viewpoints from Islamic teachers (Martin GA 9/29)
- 9990 **EGYPT R Cairo** in EG 2230, AR mx, ID, pgm on Holy Koran, g (McGuire MD 9/28)
- 11560 **GUAM KSDA** Agat in EG 1025, tlk on WTC terrorist attacks from relig viewpoint (Martin GA 9/15)
- 11570 **RUSSIA IBC Tamil** relay via Novosibirsk in Tamil 0005, tlks in lang, ID (Martin GA 9/20)
- 11635 **NORWAY R Denmark** relay in DN 0330, IS, ID, nx re Afghanistan & Taliban (Linonis PA 9/25)
- 11665 **RUSSIA V of Tatarstan** via Samara relay in Tataric *0358-0458, IS, ID's, pgm of long tlks and some musical features, fair with QRM from VOA Kavala in AR on 11670 (D'Angelo PA 9/16)
- 11670 **IRAN VOIRI** Kamalabad in EG 1930, nx, condolences over the death of Afghanistani leader, then into tlks re WTC/Pentagon attacks (Martin GA 9/15, Fraser MA 9/11)
- 11680 **SPAIN REE** Noblejas in SP *2300, IS, ID, fqy, sked, rpt on Osama bin Laden, g (McGuire MD 9/18)
- 11690 **JORDAN R Jordan** in EG *1300, Jordan continues to use 11690 despite very strong rtty QRM on this fqy. Impossible to hear ID. IDed by their familiar theme mx IS at s/on (Alexander PA 9/8)
- 11715 **INDIA AIR** Aligarh in EG 2200, nx, ID, cmntry on Osama bin Laden and Taliban, feature on "In the Footsteps of the Buddha" (Martin GA 10/6)
- 11770 **ITALY VO Mediterranean** Rome in IT 0715, tlk, brief local mx, happy-talk by OM/YL w/several "Mama Mia's", ID, phone tlk, p (Witham HI 9/1)
- 11770 **MEXICO R Mexico Int** in SP 0023, tlks by OM/YL, mx interludes, ID in SP/EG 0030, non-stop romantic Latin vocals, //9705 (D'Angelo PA 10/7) in EG 0302+, ID's, mailbox, SP pops, "Mirror of Mexico" feature, some US jazz mx (Alexander PA 9/30, Montgomery PA 9/22)
- 11825 **VATICAN STATE V of Russia** relay in EG 0150, Big-band 1940's style mx by Russian musicians, //17595 (Newbury NE 9/26)
- 11855 **ASCENSION IS R Japan** relay in EG 2200*, JP language pgm, ID, fqy, sked, g (McGuire MD 9/18)
- 11890 **ITALY RAI** Rome in Somali *1910, IS, ID, nx, regional pop mx, p, //15140 (Witham HI 9/9)
- 11905 **FRENCH GUIANA Swiss R Int** relay in FR/GM 2229, end of FR service, pips, into GM 2230, ID, Internet address, rpt on terrorist attacks, g (McGuire MD 9/16)
- 11970 **SOUTH AFRICA AWR** in Yorubi dialect 0520, preaching, amens, mx w/tlk-over, ID's in various languages, into EG pgm 0530, exc (Witham HI 8/30)
- 12055 **VATICAN STATE Vatican R** in EG 0145-0200*, relig tlk, mention Geo Bush, IS, p (Witham HI 9/1)
- 12075 **UZBEKISTAN R Nederlands** relay via Tashkent in EG 1545, ID, pips, "Newslines" (Brandi NJ 10/3)
- 12105 **GREECE VOG** Kavalla in GK 0106, various GK melodies, ID 0200, nx items, g (Levison PA 9/12)
- 12110nf **RUSSIA Radio Ezra** (UK) via Vladivostok relay in EG *0859, relig pgm "Water into Wine Ministry" no mx, all talk, copy nearly impossible due to soft-spoken ancr, used website to confirm ID and obtain station details, s/off 0929 (Berg MA 10/7) ED: Apparently this is 1/2 hr xmsn on Sundays only.
- 13605 **INDIA AIR** Bangalore in EG 2339, ID, description of Christian marriage in India, f (Newbury 9/29)
- 13610 **SYRIA R Damascus** in EG 2005, nx, cmntry, US pop mx, //12085, buzz in audio (Alexander 9/22)
- 13630 **JAPAN RJ** Tokyo in EG 0515, travel industry in Japan hurt by attacks on USA, g (Newbury 9/28)
- 13660 **PORTUGAL RDPI** Lisbon in PT 0150, male chorus, tlks, tango, pips, ID, exc (Levison PA 9/6)
- 13670 **CANADA RCT** Sackville in EG 2300, alternative rock, nx, tlk on med uses for marijuana (Linonis PA)
- 15084 **IRAN VOIRI** Kamalabad in Farsi 0000, Koran chants, regional mx/tlks, g (McGuire MD) in Farsi 2050 w/instrumental mx, nx 2100 (Linonis PA) ED: On the air 24 hrs daily with 21 hrs in Farsi.
- 15100 **PAKISTAN RP** Islamabad in EG *1600, nx, ID, fair level but poor audio (Alexander PA 9/23)
- 15110 **SPAIN REE** Noblejas in SP 2100 with tlk on Catalonia region, classical SP mx (Linonis PA)
- 15175nf **NEW ZEALAND RNZI** in EG 1105, "Media Watch" incl cmntry on terrorist attacks in US, referred to date of attacks as being Sept 12 (our Sept 11, of course), p-f (Costello NJ 10/7)
- 15190 **PHILIPPINES R Pilipinas** Tinang in EG 1904-1930*, nx, ID 1910, cmntry on Bush seeking terrorists, full ID and s/off ancmts at closedown, p-f (D'Angelo PA 9/18)
- 15210 **EGYPT R Cairo** in EG 2040, AR mx, nx cmntry abt Palestinians (Linonis PA) ED: This EG xmsn is now listed at 15375 from 2030-2200.
- 15240 **AUSTRALIA RA** in EG 04007, coverage of US bombing attacks on Kabul, g (Newbury NE 9/12)
- 15340 **NEW ZEALAND RNZI** in EG 0550, nx re terrorist attacks in US, exc (Witham HI, Rhyne NC)
- 15355 **OMAN R Oman** in EEG 0315, oldies US pop mx, pips 0330, IS, ID, nx of attacks on Afghanistan, quotes from Pres Bush re Osama bin Laden, into AR 0400 (Martin GA 9/30, Montgomery PA 10/8)
- 15365 **UNITED ARAB EMIRATES World Beacon** relay via Al Dabbiya in EG 2140-2200* World Outreach Center pgm, website, "Inspiration for the 21st Century", fqys, ID, low audio not matching signal level, QRM from co-channel Romania until 2155 (Berg MA 10/6, Martin GA 9/19)
- 15385 **GUAM KSDA** Agat in EG 1305, "Wavescan" DX pgm, websites, interview (Martin GA 10/7)

- 15385 **SPAIN** *REE* Noblejas in EG 0015, cmntry on SP speaking people in USA, exc (Levison PA 9/30)
- 15400 **UNITED ARAB EMIRATES** *R Dubai* in EG *0330, ID, QTH, rpt on Palestineans (McGuire 9/28)
- 15425 **PHILIPPINES** *VOA* relay in EG 1329, "News Now", cmntry, static buzz, //15160 (Costello NJ 10/7)
- 15475 **UNITED KINGDOM** *Salama Radio* relay Wooferton in EG 1945-2000*, relig tlk abt improving your journey through life with the help of religion, ID, Nigeria & web QTH's, g (Witham HI 8/29)
- 154851 **PAKISTAN** *RP* Islamabad in Urdu 0210-0217*, ID, mention Osama bin Laden (Martin GA 9/19)
- 15605 **RUSSIA** *Deut Welle* relay Irkutsk 2350*, nx, ID, fgy, sked, sign off ancmts, f (McGuire MD 9/14)
- 17520 **PAKISTAN** *RP* Islamabad in EG 1056-1104*, four minutes of EG nx, ID 1100, into Urdu, string mx, eulogy and prayer prior to 1104 s/off, //21640 (D'Angelo PA 9/22, Montgomery PA 9/19)
- 17545 **ISRAEL** *Kol Israel* Tel Aviv in EG 1922, Perez & Arafat to meet to end violence (Fraser MA 9/10)
- 17735 **NORTH KOREA** *V of Korea* Kujang in EG 0145, editorial abt Korea maintaining independence from "imperialists" (Martin GA 9/13)
- 17780 **SOUTH AFRICA** *Chan Africa* in EG *1300, nx re AIDS in Swaziland, "Business in Africa", how the WTC tragedy affects the stock mkt and Africa, //21725 (Montgomery PA 9/22)
- 17810 **SRI LANKA** *D Welle* relay in EG 1905, world nx, ID, "Newslink", f (McGuire MD 9/20)
- 17825 **JAPAN** *NHK* Tokyo in EG/JP 0353, pgm of beautiful Hawaiian mx, ID, g (Stiz FL 9/22)
- 17875 **CANADA** *D Welle* relay in GM 1505, nx, rpt on Afghanistan, ment Arafat, ID (McGuire MD 9/20)
- 17895 **INDIA** *AIR Panaji Goa* in EG 1045, cmtry re US & Pakistan's approach to terrorists & Afghanistan, nx headlines 1055, s/off 1100 (Martin GA 9/30)
- 17895 **PAKISTAN** *RP* Islamabad in Urdu 0120, Koran recitation, tlks, brief theme 0159, ID, pips, nx 0200, ancmts leading to 0216 s/off, sig superior to //15485 (Martin GA 9/29)
- 21495 **SAUDI ARABIA** *BSKSA* Riyadh in AR 0318, Koran chants, p, //15170 (Stiz FL 9/22)
- 21570 **UNITED KINGDOM** *R Canada Int* relay Rampisham in EG 1805, OM tlking abt geese and airport problems related to them, exc (Levison PA 9/2)
- 21700 **SPAIN** *REE* Noblejas in SP 2005, Spain vs Yugoslavia futbol live, exc (Brouillette IL 9/8)
- 21725 **SOUTH AFRICA** *Channel Africa* in EG 1300, historical narrative abt Osama bin Laden's activities over the past several years w/special attention to activities in Africa (Martin GA 9/23)
- 21800 **PORTUGAL** *RDPi* Lisbon in PT 2000, 2 OM's with live futbol coverage, ID, exc (Brouillette IL 9/8)
- 21815^{usb} **COSTA RICA** *RFPI* Santa Ana in EG 1945, OM in speech abt history of PBS network in USA, g (Brouillette IL 9/8)

Clandestine, Tentative, Presumed, Or Unknown

- 6995 **IRAQ** *V of the Kurdistan People* Sulaymaniyah in AR 0220, tlk w/several ments of Kurdistan and mx w/nx at 0230 (Martin GA 9/29)
- 71897 **EQUATORIAL GUINEA**(p) *Radio Africa*(p) in EG 2147, sermon (heard a "Hallelujah" or two) terrible slop from Deut Welle on 7185, finally wiped out by V of Turkey 7190 s/on (Hill MA 9/19)
- 9563v **SAUDI ARABIA**(p) *V of the Iraqi People* in AR 0135, OM talking, low audio, vocal 0140, //9568, 9563 slightly better in USB, 9568 needed LSB (Berg MA 9/30) ED: //s mighty close together!??
- 9675 **SAIPAN** *R Free Asia* in Uighur/EG 1610, nx re school vandalism in both languages, Mideast mx, tlk, 1630 s/off with RFA ID in EG, f, //9555 (Witham HI 9/8)
- 11530 **RUSSIA** *V of Mesopotamia* via Samara relay(p) in Kurdish? 1435, instrum'l mx, soft vocals, f/o 1520 (Martn GA 9/16)
- 11590 **MADAGASCAR**(p) *Democratic V of Burma*(p) in Burmese? 0000, tlks, mx, off 0029 (Martin 9/25) ED: The 0029 s/off coincides with the listed s/off for this station.
- 117342 **TANZANIA**(t) *R Tanzania Zanzibar*(p) in SH 2021-2100, some very nice mx of the area, ID? talks at 0045 (Montgomery PA 9/14)
- 119496 **UNIDENTIFIED** Unknown station in SP 0320+, very exercised speaker to crowd, religious revival?, weak signal and QRM from 11955 approaching 0400, so couldn't ID (Berg MA 10/7)
- 12125 **RUSSIA?** *Clandestine V of Biafra Int* from unknown xmtr site in EG 1900-2000*, OM railing against Nigerian govt, nice ID's, fgy ancmts mentioning "from studios in Washington DC", many mentions of Biafra Foundation, postal, e-mail, and website addresses, f (D'Angelo PA 9/15) in EG 1900-2001* tone runup to 1900 indicates CIS xmtr, many Hallelujahs, tlks, ID's, Afro vocals, g (Berg MA 10/6)
- 15635 **KAZAKHSTAN**(p) *V of Tibet*(p) in Tibetan? 1220, short mx interludes, ment Taliban, interview or portions of taped speech, s/off 1300 (Martin GA 9/29)
- 21500 **NORTHERN MARIANAS** *R Free Asia* via Tinian Is in Tibetan 0605, nx, ment of Geo Bush, OM tlk Over regional mx, phone tlk, g, //21690 p (Witham HI 9/20)

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Asia, Africa and Pacific\$42.00

All remittances must be in U.S. funds and mailed to:

NASWA
45 Wildflower Road
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