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SPEEDX

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(NADXC details in January issue)

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Congratulations to
SPEEDX Contributions

Contest Winners
Edward Brown III
and John Carson!

New contest starting
now--see page 2!

DESERT STORM FREQUENCIES

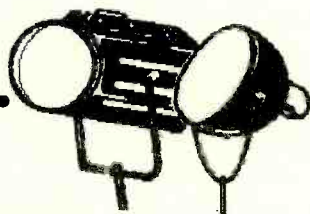
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FEBRUARY, 1991

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Spotlight on...



edited by: John Trautschold

354 N. Winston Drive

Palatine, IL 60067-4132 U.S.A.

(with the help of the Altair 8800 & Atari 1040ST computers.....)

TOTAL CONTRIBUTORS FOR FEBRUARY 1991: 47

6	Babin, Robert	MA	NRD525
4	Bagozzi, Steve	CA	FRG8800
5	Bishop, Forrest	NY	RF4800
5	Brewer, Don	KS	ICF2010
5	Brown III, Edward	IL	ICF6800W
1	Bryant, Michael	UT	ICF2010
2	Card, Peter	RI	NRD515
3	Carson, John	OK	NRD525
6	Cichorek, Edward	NJ	R5000
3	Colyard, Bob	NJ	R2000
6	D'Angelo, Richard	PA	IC-R70
5	Findlater, John	CA	
2	Fischer, Greg	WI	NRD525
3	Fisher, John	MA	R2000
5	Fraser, Bob	MM	ICF2003
3	Gaharan, Charles	LA	FRG8800
4	George, Steve	MA	R5000
1	Hardester, Mike	NC	IC-R70
5	Hart, Gerald	MN	ICF2010
6	Janusz, Edward	NJ	IC-R71A
6	Johnson, Tim	IL	R5000
5	Karcheski, Walter	MA	R5000
1	Kiselyov, Stanley	UR	R-155M
5	Langlois, Harold	FL	

5	Levison, Harold	PA	IC-R70
5	Lukas, Hank	NY	ICF2010
5	Maier, Walter	NY	RF3100W
5	Matsushita, Yukimasa	JP	RF2200
3	Neff, George	FL	RF2600
2	Park, Dale	HI	R5000
3	Prath, John	FL	NRD525
4	Rager, Robert	NJ	DX440
1	Reese, Orla	DE	R5000
2	Reeves, Robbie	OR	ICF2010
2	Robinson, Betsy	TN	IC-R71A
4	Roupe, Lloyd	WV	NRD525
3	Seymour, Woody	NC	RF-B65
1	Thornton, Don	NJ	NRD525
5	Trescher, Fred	PA	ICF2010
1	Valentine, F.A.	CA	IC-R70A
2	Wakefield, Paul	IA	ICF2010
1	Washburn, Charles	ME	R1000
4	Watts, R.C.	KY	
2	Westenhaver, William	PQ	ICF2010
1	Willers, Steven	SW	NRD525
3	Woering, Harold	MA	R1000
5	Wolfson, Mike	OH	R5000

NEW FULL MEMBERS FOR FEBRUARY

We're lucky to have three new full members this month...and here they are!

JOSEPH GIBSON.....AR
WALTER MAIER.....NY
BENTON OWSLEY.....CA

Thanks for your contributions these past few months and we sincerely hope that you continue to enjoy your involvement in SPEEDX...the most active DX club around!

FIRST TIME CONTRIBUTORS

We've got a couple of those this time around as well. Let's all give a hearty SPEEDX welcome to:

ROBERT BABIN.....MA
ROBERT RAGER.....NJ

Thank you both for taking an active interest in our little old club. Please continue to contribute!

1ST ANNUAL CONTRIBUTIONS CONTEST

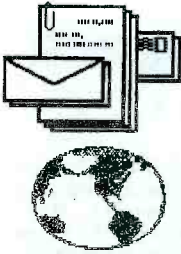
How many of you remember back a year ago when we started this contest? All you had to do to win was either earn the most contributors credits over a year's period, or contribute the most months over the year. Well, we've got the winners for this year and both receive a free one-year extension to their subscription.

The person with the most contributions for 1990 was: **John Carson** - OK, with a total of 93!

We had a tie for the person contributing the most months (the tie breaker was chosen at random by Bob Thunberg's Golden Retriever, Boone! The decision of the judge is final!) and that winner is: **Edward Brown III** - IL with 111! (Note that since the contest began in February, the max. number of months is eleven.)

We're doing the same contest in 1991, so get your contributions in *today* and be a SPEEDX winner!

Ed Cichorek, our CDE, asks that you do not staple your logging strips together unless they are pre-sorted for the respective editor! THANKS!



DX MONTAGE

LETTERS AND QUIPS FROM 'ROUND THE WORLD!

QSLING RADIO PYONGYANG A SPECIAL REPORT FROM WILLIAM WESTENHAVER

For some time now, U.S. DXers have had great difficulties in QSLing Radio Pyongyang. It's not been uncommon for some DXers to have sent report after report to North Korea, over a period of years, all without reply. Those of us in Canada have, in general, had an easier time of it - I QSLed Pyongyang on my first try in 1986 - but even so, some Canadian DXers have had as much difficulty as their U.S. counterparts.

It's been my suspicion over the years that the unanswered reports somehow never actually made it to Pyongyang. SPEEDXer Jim Evans in Tennessee recently provided some evidence to back up this hypothesis. For years, Jim had been trying to QSL Pyongyang, with no success. Suddenly, early in 1990, he began receiving some propaganda mailings from an organization called the Institute for North Korean Studies, in Seoul. Jim used a different address from his home address for the reports to Pyongyang - an address that he'd never used for writing to Radio Korea - and these mailings came to that address. Jim thus concluded that his reports to North Korea must have been misrouted to South Korea; once that happened, of course, they'd never get to their destination, since there's no mail service between the two Koreas. (Have any other SPEEDXers received this sort of propaganda from Seoul? By the way, the address for the Institute of North Korean Studies is CPO Box 10222, Seoul, if you'd like to write to them yourself.)

So, how can you succeed in getting your reports through to Pyongyang? Well, you can always send your reports direct; at least one SPEEDXer I know of has had success recently with this. If you go this route, you should be prepared to be persistent in sending follow-ups and/or new reports. One tip, which I've been using for the past year or two, is to mark "Via Moscow, USSR" on all mail going to North Korea. If the mail gets to Moscow, there should be no question of it not getting through to Pyongyang. That should defeat the intention, or ignorance, of stateside postal workers who would want to send the mail via South Korea.

For the past couple of years, I've been re-mailing reports to Pyongyang from Canada for U.S.

SPEEDXers. The response rate so far hasn't been perfect, but it's been much more than 50%. (Some people have had to send one or more follow-ups, though.) If you'd like to try this, just send your report to me - at my address on the A/O column - with US \$1 for postage, and I'll re-mail it for you. You can have the reply sent directly to you, since there seems to be no problem whatsoever in having mail pass from North Korea to the U.S.

There's another possibility for re-mailing reports to Pyongyang, which looks as if it might be even more successful than going via me. Some months ago, Japanese SPEEDXer Tsunaaki Ashimori offered his services in sending reports from U.S. SPEEDXers to North Korea. Only one has taken him up on it so far - Jim Evans - but the success rate has been 100%. If you'd like to try this route, you can send your reports, together with 2 IRC's or US \$1 for each mailing, to:

Tsunaaki Ashimori
11-14 Kawazoe-cho
Nishinomiyama city, HOYO
662 JAPAN

Tsunaaki-san is willing to have the replies sent to his address, if you'd prefer this. Good luck everybody!

FROM THE FILES OF HAROLD LANGLOIS...

Yup...Harold sure does know how to keep my mailperson busy! (Uh, yea, we have both *mailmen* and *mailwomen*...) Anyway, figured it was time to clean up Harold's mound of stuff, so, here goes...

...SHORTWAVE RADIO FILLS TALL ORDER FOR TRAVELERS

This article is way too long to even begin trying to excerpt from here, but let's send a big "THANK YOU" to the author of the article, Philip Shenon, of the New York Times. (I wonder if Philip is a SW listener...and if so *why* doesn't he belong to SPEEDX? Hmmmm?)

What Shenon describes in the article is the usefulness of shortwave especially if you are traveling overseas and caught in situations such as Iraq/Kuwait. Information is few and far between in these types of circumstances and shortwave can certainly be a godsend there.

The author also quotes Stewart MacKenzie of the ASWLC in what types of radios to purchase, the amount of money to spend, what to expect, etc. The focus of this section was on portables.

All told, this was a good promotional article for shortwave hobbists. It's too bad that an address list of all current clubs wasn't published. Although some clubs were mentioned (*not* SPEEDX) no information was given on how to contact or otherwise join the clubs.

...IRAQ TRIES OWN VERSION OF AXIS SALLY

From the *Citrus County Chronical*,
August 18, 1990 *Associated Press*

"The voice of the Baghdad Radio announcer boomed onto the airwaves in fractured English, addressing U.S. soldiers: 'Do you want to go back home from the Arabian desert ... psychologically broken?'"

"Iraq's new English-language program, broadcast on shortwave radio, stepped up the anti-American rhetoric its Arabic media services have waged for weeks.

"Taking a cue from broadcasters such as Tokyo Rose and Axis Sally during World War II and Hanoi Hannah in Vietnam, the programs featured an eclectic mix of news, music and mockery meant to demoralize soldiers rushed in to Saudi Arabia since the Aug. 2 Iraqi invasion of Kuwait.

"During the hourlong program, the broadcaster asked, 'Remember what the petrol emirs are doing to American girls. Do you want to defend them?'"

"The broadcast mentioned faraway loved ones, desert heat, quicksand, and U.S. soldiers missing in Vietnam.

"Talk radio it wasn't. The format was heavy with long sentences and standard phrases of anti-American rhetoric.

"The male broadcaster (sic) speaking in British-accented English, made most of his appeals in the form of questions:

"'Would you like to be one of the cripples who are only lamented in the charity ceremonies?'"

...EASIER FAX ACCESS TO THE WHITE HOUSE

From *Insight*, August 13, 1990

"Anyone with a message and a facsimile machine can send it to just about any corner of the world in a matter of minutes as long as he or she knows the fax number. But some numbers, such as George Bush's, are not passed around freely,

making it tough to get through to the president without using the Postal Service or Published Comments, a telephone text service. Now, through a service developed by U.S. Voice America, a nonprofit Idaho-based organization, and Horizon Communications of San Diego, the public can fax praise, complaints or ideas directly to the White House.

"Richard B. Minard, chief executive officer of U.S. Voice America, devised the system to grant people easy access to the White House and to 'help the administration have an open-door policy' regarding constituent concerns. For \$7.95 (half of which is donated to the nondenominational U.S. charity of the caller's choice), anyone with a tone dial phone can call (900) USA-BUSH and leave a 45-second message, which will be converted to text and faced to 1600 Pennsylvania Avenue. (*Ed. Note: Lucky the president's name isn't Trautschold!*)" According to Minard, the service benefits anyone who had difficulty writing and lends a 'priority type approach to messages to the White House.' Because the volume of mail for the president is so high - typically about 50,000 letters per week - only a few selected pieces actually grace the presidential desk.

"Minard claims that since the number of faxes is so much smaller (only about 1,000 per week presently), President Bush is more likely to see a faxed message.

"Michael Klein, president of Horizon Communications, says the service costs less than a telegram. In addition, callers receive a souvenir copy of their presidential fax, he says."

TV MARTI AUDIENCE OVERRATED

Submitted by Linda Sue Morby, NY
From the *Albany Times Union*,
Sunday, August 26, 1990, *Knight-Ridder*

"Two government surveys on how many Cubans may have seen TV Marti during a test earlier this year vastly overstate its audience, the General Accounting Office has concluded in an unreleased report.

"While surveys commissioned by the U.S. Information Agency, or USIA, have estimated that 1 million to 7 million Cubans a day may have been able to see TV Marti's tests earlier this year (1990), the GAO report notes that U.S. diplomats in Havana have concluded that only 50,000 to 70,000 Cubans might have been able to occasionally view the broadcasts.

"The GAO...noted that in one of the surveys, more than a fifth of the people questioned said they saw TV Marti on days when there were no broadcasts.

"...Tony Navarro, director of the Office of Cuban Broadcasting, which oversees both TV Marti and Radio Marti, said he couldn't 'comment on a report that hasn't been officially released.'

"But he added: 'Any fair analysis of the reception of TV Marti's signal in Cuba should take into account the difficulties inherent in surveying the citizens of a closed society.'

"...The TV Marti signal is now beamed to the island from 3:45 a.m. to 5:59 a.m. EDT. Cuba, however, has jammed the broadcasts since the first day. The GAO report says U.S. diplomats in Havana have concluded that 'TV Marti was effectively jammed by the Cuban government.'

THE NEXT WAVE: DIGITAL RADIO

Submitted by Greg Fischer, WI
From the *La Crosse Tribune*,
December 1990, *Associated Press*

"A new breed of high-tech radio programmers think they've found a better way to give music junkies near-perfect renditions of their favorite hits, from Beethoven to Billy Idol, 24 hours a day.

"It's called digital radio, and one day it may be zipping out of Earth orbit directly to your car or portable radio or through your TV set.

"What digital radio promises is impressive: no more hissing signals fading in and out or booming from the bottom of a barrel. No pops or crackles. Compact disc-quality sound.

"Several new satellite companies want to offer it; so do traditional AM and FM radio stations. Some cable companies already are offering digital radio to subscribers, for a price.

"Because digital radio can produce such a clear sound, the recording industry is keeping a wary eye on a technology that may spur home taping.

"But many observers think there's no stopping it.

"Today's radio 'no longer is state of the art sound quality,' says Robert Mazer, a Washington communications lawyer.

"Testing is under way in Japan, Canada and Europe on satellite-delivered digital radio. In this country, the (FCC) is considering whether to set aside a portion of the already over-crowded airwaves for digital audio broadcasting.

"Whatever happens, the new system may render existing radios obsolete.

"Carson, CA-based Digital Planet began

marketing its 26-channel service to a limited number of Continental Cablevision subscribers in Los Angeles in September. Continental is charging customers \$8 for the service, which offers formats including rock, classical and jazz, along with radio and cable simulcasts and several regular radio stations. Some channels have commercials.

"Although some might wonder why people would pay for what now is offered basically free on traditional radio, Digital Planet President William DeLany said subscriber response 'has been just marvelous.'

"There are people out there willing to pay a little extra for high-quality sound,' DeLany said in a telephone interview from Anaheim."

Digital TV is coming soon too! I'm sure most of you have heard of HDTV, or High-Definition Television which uses the larger aspect ratio screens and greater number of vertical lines of picture information. In the U.S. we currently have 6 MHz of bandwidth associated with each TV channel. That's a *lot* of bandwidth to use, but broadcasting HDTV would take almost twice that amount, if transmitted using current analog technologies. There are currently a number of companies working on digital HDTV transmission techniques that would compress the intelligence digitally and be able to transmit within the old 6 MHz bandwidth. Everyone, including the FCC, is very excited about this. You could see regular HDTV transmission beginning as soon as the mid 90's. Stay tuned! It's becoming a digital world out there!

DX MEETINGS

SWL meetings in Colorado are held the third Sunday of each month in 1991, at 1300 local time at the Aurora Public Library, in (I assume) Aurora, CO. Rob Harrington says to call either 303-699-6335 or 753-0720 for more information.

AMANDX (Association of Manitoba DXer's) will be holding their "First Annual Great White North DX'pedition" at Hecla Island Provincial Park from May 17-20, 1991. For more information, or to join, write to AMANDX at 30 Becontree Bay, Winnipeg, MB R2N 2X9 Canada.

See ya all next month!

John T.

FOR SALE: Low mileage stock NRD-525 receiver and matching NVA-88 speaker. Less than 3 years old, never been on a DX-pedition, used mainly by a little old lady to listen to "Words of Faith" on Sunday's. \$885 + shipping. Greg Fischer, 1518 Madison Street, LaCrosse, WI 54601 (608) 782-7300 ext. 2323.

CONTINUOUS TUNING

Edward Janusz
Box 149
Bricktown, NJ 08723



This is incredible: Both of my radios (the trusty, until now, 2010 which I've had for years, and an Icom R-71A which I picked up secondhand this summer) decided to succumb to "intermittent circuitry problems" within a week of each other.

War

Since the voices in praise of Saddam Hussein aren't being heard on shortwave (not here, anyway, although I'm sure the propaganda industry in the Gulf is going fast and furious), it isn't easy to find differences in ideological emphasis. The BBC is as magisterially authoritative as anybody would have expected. My equipment problems have precluded my hearing Egypt.

Israel is offering a different and more immediate perspective. Bob Miller heard them explaining how to use the state-issued gas masks ("It's like those civil-defense trucks rolling down the street with their bullhorns!"); I've been following their 15-minute transmission at 05:00. (This often-forgotten broadcast isn't quite like Kol Israel's early-evening programmes; it's more what English-speakers in Jerusalem would listen to on local radio.) Baghdad, whether because of a bombing raid or a decision to use their suddenly limited electrical supply in other ways, hasn't been heard from at all.

Nomad Radio

Through public actions and covert military and intelligence missions, the United States is waging a psychological campaign to shake Iraq's confidence, undermine its military, and deceive its leaders about American military intentions. The campaign includes broadcasts of anti-Government propaganda into Iraq and circulation of audio and videocassette tapes depicting America as mighty and President Saddam Hussein's government as corrupt. It also involves a military plan to smuggle thousands of small radios into Iraq to receive American broadcasts. The effectiveness of the covert campaign will not be clear until well into the war, if then. Skeptics in and out of Government predicted that it would be no more useful in eroding morale than the crude radio broadcasts, featuring an announcer nicknamed "Baghdad Betty," (which Iraq has) directed against American troops in Saudi Arabia. But...the chairman of the Senate Armed Forces Committee, Sam Nunn of Georgia, predicted that the morale of Iraq's troops would determine the length of the war.

As in most such campaigns, the goal is to persuade civilians and soldiers that their cause is unjust and that resistance is in any case futile. American military officials worked on the plan devised by Army experts at Fort Bragg, NC, to smuggle thousands of transistor radios into Iraq with the help of nomads. The Los Angeles Times...said the military also hoped to smuggle tiny loudspeakers into Iraqi villages, to be activated once the United States had silenced Baghdad radio broadcasts. It could not be learned if (these) plans were ever carried out.

Several clandestine radio stations have broadcast anti-Government messages from Iraq in recent months, and it is uncertain which are sponsored by American groups. The most prominent pirate station, which calls itself the Voice of Free Iraq, began operations on Jan. 1 on four frequencies it said had been contributed by Iraq's Arab opponents. *(Unlikely if these are from within Iraq, then; unless it is meant that neighboring Arab states have "cleared" frequencies that they themselves were using.--e)* That station has called for the withdrawal of Iraqi forces from Kuwait, the overthrow of Mr. Hussein, and the establishment of democracy. Iraq has successfully jammed many of these broadcasts.

Propaganda broadcasts have apparently backfired against the United States at least once, on January 7, when the Pentagon reported that six Iraqi helicopters had flown across the Kuwaiti border into Saudi Arabia, and that the pilots had defected. The Saudi Government quickly denied the report, and embarrassed Pentagon officials later retracted it, saying they had reacted too quickly to an erroneous report from the field.

In fact, one person familiar with the events said that American officials had apparently accepted as fact a propaganda broadcast beamed at Iraq. "It never happened," this person said. "They were broadcasting...into Kuwait to demoralize Iraqi troops, and it backfired. We psy-opped (*sic--ej*) ourselves."
Excerpted from "CIA Joines Military Move to Sap Iraqi Confidence," by Michael Wines. New York Times, 1/19/91.

Radio Dubai

North America:	02:30-04:00	11945, 13675, 15400, 15435	
Far East:	04:15-06:00	15435, 17830, 21700	
Europe:	06:15-15:45	15435	06:15-16:45 21605, 21675
	16:00-21:00	13675	17:00-21:00 11795, 15400
North Africa:	10:30-21:00	15320	

English for half an hour at 03:30, 05:30, 10:30, 13:30, and 16:30: News, followed by an English feature programme which deals with aspects of Arab life, history, and culture, except that the feature programme precedes the 16:30 news. (Tnx John Carson.) A tough catch here lately; but their analysis of the final summit between Secretary Baker and Ambassador Tariq el-Aziz was one of the most perceptive I heard.

The Continuous Contest

The last contest--essays on the "magical" self-ID'ing receiver--got a good response: So much so that here's another one. **What was your most important (favorite, most moving, funniest, most exciting) DXing (or listening) session of 1990?** Of course, there is no "right" or "wrong" to this one; I'll dragoon some honorable SPEEDXers into serving as an *ad hoc* panel of arbiters, and we'll give away a year's renewal to the essay we like the best. The results of the "magical receiver" contest will be in next month's column. Deadline: **15 March**.

Radio Korea: Listeners' Forum Topics

How to cope with the international terrorist groups? What are your opinions on the problem? Do you think terrorists could find any justifiable cause for their manifest anti-humanism? If not, what do you think is the most effective and thorough way of preventing it? (February 1, 8, 22.)

What do you think about test-tube babies? What are your views on the act of manufacturing life? (March 1, 8.)

In less than 10 years, we will face the grand turn of the millenium. What is the year 2000 of your portraying? Will the 21st century be totally different from the present one, or much the same in every sector of our life? (March 15, 22, 29.) Write to Listeners' Forum, English Service, Radio Korea, KBS, Seoul, Korea, with your comments.

Radio Korea to ECNA: 00:00, 15575 (good luck--I've heard this one about twice!); 06:00, 11830; 11:30, 9650. Radio Korea to WCNA: 06:00, 9570. (Tnx Peggy Thompson). Check Bill's **Asia/Oceania** column to see what else might be working.

WWCR Moving

Due to interference from KTBN, WWCR will have probably abandoned 7520 for 7435 by the time you read this. WWCR is also going to be carrying Glenn Hauser on Saturday night as well as Sunday (Eastern time), though I didn't catch the time through the burst of static which was commemorating the death throes of my Sony's JFET; I believe it will be 01:30 (UTC Sunday). (*World of Radio, 1/20*; tnx gh) It's pretty comical to listen to gh taking sides in religious disputes....

ANARC for Leningrad

AIPEC, the Association for International Cultural Exchange Programs, is sponsoring a North American (flights depart from Montréal and New York) excursion to the 1991 Soviet Radio Tour and Third Annual Leningrad Hamvention.

This trip (which takes place July 29-August 5, or to August 9 if you opt for the "Comprehensive Tour") will center around the Hamvention (sponsored by Inter-Radio of Leningrad), but will also include visits to Radio Moscow, the Kremlin, a radio club in Moscow, and (again, for the "Comprehensive Tour") a side trip to Czecho-slovakia. Sounds like fun, huh? Well, for \$2,595.00 (\$2,995.00; prices based on double room occupancy and subject to change without notice), it better--uh, I mean, this can be

yours, friends!! Ian McFarland will deliver the keynote seminar at the Hamvention, and will also coordinate the International Broadcasters' Forum.

If 15 *SPEEDX*ers register (please identify yourself as one of us when registering), *SPEEDX* either gets one free guest or the cost will be pro-rated. If you're interested, you can write to: AI CEP; 10 rue Carvin, Suite 33; Kirkland, Quebec, Canada H9H 4S4 (boy Howdy! It's a double-palindromic Canadian postal code--neat-o!!), or call (514) 697-3735.

Glad to see Sheldon found a site for ANARCON '91, though it's maybe not what we expected....

FEBC, Philippines

Current English-language schedule: 00:00-02:30 (Sat/Sun to 02:00), 15450; 09:00-11:00, 9800, 11845; 13:00-16:00, 11850 (Tnx Yukimasa Matsushita)

Lithuania: The Other War

Sheldon Harvey reports monitoring an occasional "emergency Ham net" from Lithuania on 7056 LSB, 14153 USB, and 21330 USB, with political commentary and pleas for medical aid, &c. Normally, of course, you won't find this kind of stuff on the amateur airwaves, and I just hope that not too many American Hams embarrass us all by jumping on these frequencies and gassing on about their antennas in the name of "hobby purity," as happens disgracefully often during the emergency nets set up during the Caribbean hurricane season. Of course, some intentional QRM has been reported already (and they wonder how come so few younger people are interested in getting their licenses; it's not all the CW requirement...).

Radio Vilnius, none of whose international transmitters are actually within Lithuania (and which probably would have been taken over by the Russian occupation troops if they had been), was reduced to playing elevator music for over a week; these random and rather courageous Hams were our only direct link with Lithuania during the invasion. Vilnius is back now, though for how long nobody can say; Bob Colyard heard them the other night, signing off with a telling advisory: "Don't let paratroopers mess up your life like they messed up ours." (Tnx Tim Johnson; Sheldon Harvey via *SWLD*; Bob Colyard. Bilious opinions are mine, as usual.)

AIR FARE: An Acknowledgement

This really should have gone with the article itself, but forgive the vagaries of publishing: The fascinating article in this month's *SPEEDX* about commercial broadcasting in India was originally printed in the July/August 1990 *DX POST*, the bulletin of the Universal DX League, 408 Krishna Nagar, Ludhiana 141001, India. Memberships are available for US\$8.00 (bank draft or money order made out to Kanwarjit Sandhu). Our thanks to the UDXL for their gracious permission to reprint *AIR FARE*.

Radio Sweden: English Programmes

Europe/Africa/Mideast 18:00: 6065, 9655, 11900; 19:30: 6065, 7265; 22:00: 6065
Asia/Australasia 01:00: 9770; 12:30: 11715, 17740, 21570; 14:00: 9765, 17740, 21570
Latin America 23:30: 9695, 11705
North America 15:30: 17880, 21500 02:00: 9695, 11705 03:30: 9695, 11705

Remember Radio RSA?

They're still occasionally audible with their all-African (or only-African) service; this English-language schedule, it says here, is good through 12/91:

04:00-05:00: 7270, 11900 11:00-12:00: 9555, 11805, 11900, 17835
15:00-18:00: 7320, 15210, 15270, 17710, 17790 (last from 17:00 only) (Tnx John Carson)

Another *SPEEDX*er in the Gulf

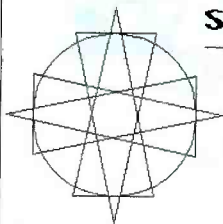
Best wishes to David Alpert, who is in Cyprus in his role as a correspondent for ABC News; his reports are showing up on flagship station WABC in New York and, I'd assume, ABC radio affiliates around the USA.

The Wrap

This has been the most difficult column to put together of the 40 or so I've edited for this excellent journal; it's not easy to be cheerful these days.

On the next page, we'll find the *SPEEDX* Awards Program...I just discovered that I went to high school with Harold!!

73's, Zddie



SPEEDX Awards Program Update

UTE's
 A_r_m_e_d
 USSR
 Asia
 VOA
 F_o_r_c_e_s
 Cruise ships
 Africa
 Americas
 CW

Harold Woering
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Easthampton, MA
01027-2724

It's time for another *SPEEDX* Awards Update. First, I'd like to thank Gary Gears for the interview heard on the "*SPEEDX* Report" via HCJB. You can hear the "*SPEEDX* Report" on the 3d Saturday of the month, on HCJB's "DX Partyline."

Unfortunately, just as the subscription costs have increased, so will the Awards program. Pamphlets which describe the available awards will be US \$2.00. An initial award will be \$1.00, and seals to upgrade the awards will remain at one SASE. As I have heard, *SPEEDX* still has the lowest costs for Awards.

Now for the list of those who have received awards or upgraded:

ASIAN:	Edward Stroh	25		
EUROPEAN:	Gary Gears	25	Edward Stroh	25
	Robbie Reeves	25	Steve Bagozzi	15
AMERICAS:	Betsy Robinson	25	Gary Gears	25
	Edward Stroh	25		
360:	Edward Stroh	75	Gary Gears	75
	Steve Bagozzi	50		
USSR:	Gary Gears	5		
VOA:	Gary Gears	5	Edward Stroh	5
	Robbie Reeves	5		
WAYFARER:	Gary Gears		Steve Bagozzi	

Congratulations to all! Hope everyone enjoyed the Holidays! Till the next time, 73's and good DX.

Harold



WHAT'S ON



ENGLISH BROADCAST TO NORTH AMERICA

Daniel Sampson 4 Turtle St. Arcadia, WI 54612

CHANGES ENTERED DECEMBER 15, 1990-JANUARY 18, 1991

UTC Time	Station	Notes	Frequencies
0000-0100	R. Kiev, U.S.S.R.	---	17720; 17690; 15180; 9750; 7400
0000-0100	R. Moscow, U.S.S.R.	NAm svce	21480; 17700; 17665; 17605; 15425; 12050; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu
0000-0100	R. Sofia, Bulgaria	---	11680; 9700
0000-0100	WWCR, U.S.A.	---	15690
0000-0200	KTBN, U.S.A.	---	15590
0000-0400	WRNO, U.S.A.	---	7355
0050-0110	Vatican R.	---	11780; 9605; 6150
0100-0150	DW, Germany	---	15440; 13770; 13610; 11890; 11865; 9565Ma; 6155; 6145; 6085Ma; 6040An
0100-0200	R. Moscow, U.S.S.R.	NAm svce	21480; 17700; 17665; 17605; 15425; 12050; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu
0100-0600	WWCR, U.S.A.	---	7520
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9650; 6135; 6125
0200-0300	R. Moscow, U.S.S.R.	NAm svce	21480; 17700; 17665; 15425; 12050; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu
0200-1600	KTBN, U.S.A.	---	7510
0230-0300	R. Tirana, Albania	---	11825; 9760
0300-0350	DW, Germany	---	15440; 13770; 13610; 11890; 9605An; 9545; 6120; 6085S; 6040
0300-0400	R. Moscow, U.S.S.R.	---	21480; 17700; 15425; 12050; 9895; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Jan 29, Feb 1, Feb 26, Mar 1, Apr 2, Apr 5, Apr 30, May 3
0330-0400	R. Tirana, Albania	---	11825; 9760
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17720; 17700; 17690; 17665; 15180; 12010; 11710; 9895; 9505; 7270
0400-0500	R. Sofia, Bulgaria	---	9700; 7115
0400-0600	WRNO, U.S.A.	---	6185
0500-0550	DW, Germany	---	15440; 13770; 13610; 11890; 9700; 9670An; 6120; 5960
0500-0600	R. Japan	Gen svce	17825; 11870
0500-0600	R. Moscow, U.S.S.R.	NAm svce	17720; 17690; 17665; 15180; 9895; 9825; 9795; 9505; 7345; 7270; 5905
0600-0700	R. Moscow, U.S.S.R.	NAm svce	17720; 17690; 15180; 9825; 9795; 9505; 7345; 7270; 7260; 7175; 5905
0600-1600	WRNO, U.S.A.	Su	6185
0700-0800	R. Moscow, U.S.S.R.	---	17720; 17690; 15180; 9825; 9795; 9505; 7345; 7270; 7260; 7175; 5905
1100-1200	R. Japan	Gen svce	6120S
1100-1330	BBC, U.K.	---	15220; 5965S
1130-1200	R. Korea, S.Korea	---	9650S
1200-1320	R. Nacional, Brazil	---	11745
1200-1400	WSHB, U.S.A.	---	13760; 9495
1235-1245	V. of Greece	---	17525; 15650; 15625
1400-1600	R. Japan	Gen svce	9505
1600-2400	KTBN, U.S.A.	---	15590
1700-1800	R. Japan	Gen svce	9505
1900-1930	R. Japan	Gen svce	9505
2300-2330	R. Vilnius, U.S.S.R.	---	17720; 17690; 15180; 9750; 7400; 6100
2300-2400	R. Moscow, U.S.S.R.	NAm svce	21480; 17700; 17665; 17605; 15425; 12050; 9870; 9765; 9685; 7150; 7115Bu; 6045Cu
2330-2400	R. Tirana, Albania	---	9760

RELAYS--An-Antigua, B-Bonaire, Br-Brazil, Bu-Bulgaria, By-Bethany, Cu-Havana, D-Delano, F-Singapore, Gu-French Guiana, Ma-Malta, Mi-Mali, S-Sackville, Sp-Spain, Wy-WYFR



LATIN NOTEBOOK

Carl Huffaker
Domicilio Conocido
Huasca de Ocampo, Edo. Hidalgo
MEXICO C. P. 43500



During the last days of November, Radio Huayacocotla was off the air. The storm of the 28th took out the powerline to that part of the state, and service wasn't restored until the afternoon of the 1st. La Voz de Atlitlán was on the frequency, 2390 kHz, with its regular schedule, and playing enough marimba music to be easily identified. At present, the service isn't too good, as the transmitter keeps dropping out whenever the mill across the street starts to grind corn for tortillas. But the YL DJ always gets the rig back on the air after a few minutes, and, after a brief "se fue la luz," gets back to the program.

The station still champions the campesinos, but the causes have faded. ALER has become less active: A cutback in UNESCO funds. The "500 Years of Resistance" movement effectively ended when the Pope commemorated the meeting of the two worlds and the Christianization of the new. The central government has taken control of the women's rights movement and federalized it away from local control. There are still "caminantes" marching towards Mexico, but they're not on their way to confront the President, they're pilgrims on their way to commemorate the Virgin of Guadalupe and, this year for the first time, San Juan Diego. The activists in Radio Huayacocotla are active only in the area of human rights.

They had a cause. A year ago, in a dispute involving campesino expansion, two landholders were killed. Seven campesinos from the Huayacocotla area were charged with complicity and arrested. Under Mexico's Napoleonic law, they were imprisoned while a judge investigated the case to determine what crimes, if any, had been committed. It took a year, but no "delito" was proven, and the seven were released. They returned to Huayacocotla in triumph; the town gathered in the plaza to greet them and the church bells rang continuously. The station was off the air, but the staff attended with their recorders.

When Huayacocotla did get back on the air, they broadcast one of the tapes. It was an interview, and it surprised me, both because of its content and because the station had selected it for broadcast. The reporter was biased and attempting to document a human rights violation. The campesino, one of the seven, insisted that they'd been well-treated in prison, with food, quarters, medicine, and, although he didn't mention it, connubial visits. When asked if he'd lost a year by being accused, he said no, he'd learned Indian craftwork while in prison and was no longer enslaved to the agriculture of the ejido.

As the situation in the huasteca quiets, the human rights groups turn their attentions to the Indians in Oaxaca and farther south. This takes it rapidly beyond the range of Radio Huayacocotla, for it's an area where La Voz de Atlitlán dominates the frequency. One can only speculate where their attention will turn next.

The afternoon program is called "Ensalada," which means salad or, more properly in this context, mixed salad. Previously, the station broadcast blocs of music, "música de la huasteca," "música romántica," "música tropical," etc. It was easy to log the type of music, for the DJ always provided that information. But now the YL DJ is introducing terms like "media romántica," "poquita tropical," "poquita romántica" "song huasteco," and I'm confused!

He passed the shack coasting downhill on his way to Huasca. With a pack slung on both sides of each wheel, and another across the back, the bicycle had somewhat the appearance of a barge. Michel, bearded and almost bald, seemed like a buccaneer, especially when the spare tire curved across his shoulder like a bandoleer. He was

bicycling from New York to Guatemala: Not as one of those racing-team trips with a truck carrying support and equipment, nor as one of half a hundred cyclists on a Mexican pilgrimage, but alone, and camping just off the road when darkness fell. It was the month of the Winter solstice, and his shortwave radio filled a portion of those long twelve-hour nights, his logbook that of a typical SWL with news from home in Belgium, of Europe and the Middle East, and that group of ever-changing locals which from any other QTH would be DX. He was a one-man DXpedition to those spots we speed past on the highway, promise to check out some night, but never do.

He passed the shack and coasted towards Huasca. I sensed his exuberance. It had been over thirty kilometers from Real del Monte, all downhill. I shouldn't, but at times I take the car out of gear and coast that road myself. You speed silently through the pines along a road that's laid upon, not cut into, the topography. I was to learn later that he stopped in the plaza for bread and cheese, stowed it in his knapsack, and continued down the easy slope towards the edge of the huasteca where the Sierra Madre plunges abruptly towards the tropics. In a few days, and it was downhill all the way, he would arrive in Tajin, a Toltec religious center of some 40 pyramids with the archaeology still in progress and not as yet overrun by tourists. I'd driven there in my aging Renault the weekend before and was still staggered by the magnitude of the place.

He passed the shack, and I read his mood with perhaps a moment's bitterness towards my years which I quickly submerged in remembering my own travels when I was forty. A couple of hours later, a boy from the village came running to the shack with a message from the doctor. There was an injured man in his office who could speak only French and English, and there was nobody in Huasca who understood either.

I hurried to Huasca. It was Michel. Some eight kilometers beyond Huasca, a truck passing at high speed had lost part of its tailgate, which flew through the air and hit Michel on the head. He hit the ground, bruised, bleeding, and with a broken arm. But he managed to get his bicycle back in order and returned to Huasca.

The arm couldn't be set until X-rays had been taken, and the nearest equipment was over the mountain in Pachuca, but we drove there and finally got the arm in a cast. Michel got a call through to his insurance company in Belgium; because he couldn't continue on his bicycle, they agreed to return him home. But it was the Christmas weekend, and reservations would take a few days. I've room in the shack and a one-armed man is not much of a camper, so he holed up here. Two years previously, he'd cycled across North Africa, and he had a quick ear for identifying the Africans on 60 meters.

Michel is also a photographer, and makes colored slides to illustrate the lectures and TV shows on his travels, so we went on a photographic trip over some roads not on the map and ended up--you guessed it--in Huayacocotla. This morning I saw him off on his trip home, and I've no doubt that within a week they'll be checking 2390 kHz in Belgium.

(A revised and typeset commemorative anthology of Carl Huffaker's columns for this bulletin from 1985 through the present will be available later this year through *SPEEDX SPECIAL PUBLICATIONS*.)

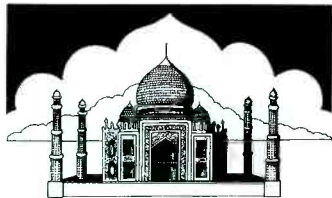
AIR FARE

A History of Commercial Broadcasting in INDIA

by

MANOSIJ GUHA

for the Universal DX League



The history of commercial broadcasting in India goes a long way back--in fact, much longer than 1967, when All India Radio introduced its own commercial broadcasting service. Contrary to what people may believe, advertising on the air started right from the start of radio broadcasting in India. Way back in 1927, when the **Indian Broadcasting Company**, the forerunner to All India Radio, used to finance part of its expenditure through on-air advertisements and sponsored programs. This was of course a far cry from the present highly commercialized state of broadcasting in India. This form of commercial broadcasting was short-lived. In 1934, it went bankrupt and the service was discontinued by the British Indian government.

At this point, mention must also be made of **Emissora Goa**, the old radio station in the Portuguese Indian colony of Goa, which had its own commercial broadcasting service during the early fifties. The commercial wing of Emissora Goa was run by two Portuguese gentlemen--one was **Senhor Paul Fontes**, a newspaperman, and the other was **Senhor Gabriel Martins**, a businessman. The station was funded through yearly concessions granted by the Portuguese Indian government.

The broadcasts took place from a small village called **Bambolim**, situated about 15 km outside the capital city of **Panjim**. This transmitting station housed a 5 kW mediumwave transmitter and a 10 kW shortwave transmitter. Transmissions from them were in turn relayed by a 1.5 kW mediumwave transmitter and two FM transmitters at **Panjim**. As documentation is sketchy, it is likely that the programs were also relayed by the 10 kW shortwave transmitters in **Daman** and **Diu**, which were the other two Portuguese Indian territories located off the coast of **Bombay**.

With the changing winds of fortune, these broadcasts came to an abrupt end at eight in the fateful morning of 18 December, 1961, when soldiers of the Indian Army marched in to liberate Goa. And the rest is history...

After a fortnight's uncomfortable silence, only the 5 kW mediumwave transmitter returned on air on 9 January, 1962, with a new identity: "This is All India Radio, Panaji."

The saddest part was that the shortwave transmitters were dismantled and carted away, and the commercial service was also discontinued. Incidentally, even today AIR Panaji doesn't carry any commercials. Perhaps it is a hamhanded legacy which someone forgot to revoke!

The Commercial Broadcasting Service of All India Radio owes its origins to an ill-conceived policy adopted by AIR back in the early Fifties. The Minister for Information and Broadcasting was then **Mr. B. V. Keskar**, who sought to banish Indian film music from the studios of AIR! For such music was regarded as vulgar and decadent, and it was considered unfit to grace the sacrosanct turntables of AIR. This encouraged **Radio Ceylon**, as the **Sri Lanka Broadcasting Corporation** was then known, to start its famous **All Asia Service** on a powerful 100 kW shortwave transmitter towards the "depraved" masses of India, churning out a daily diet of "filmi" style entertainment which was almost entirely composed of songs from Indian films. There was also a fair sprinkling of commercials, predominantly from Indian advertisers who were eager to promote their goods in the Indian market. Strange as it may seem, the bulk of the sponsored programs and spots were produced by **Radio Advertising Services**, a private studio in **Bombay**!

In a couple of years, the All Asia Service of Radio Ceylon had become so popular that even AIR's limited audience research revealed a sharp decline in its listenership. It had become quite clear that Indian listeners had "defected" en masse to Radio Ceylon! Another cause for great concern was the loss in revenue from advertising which AIR thought was rightfully theirs! So, in a state of near-panic, AIR did a quick turnabout in its policies, and had hurried consultations to start a service of light entertainment as fast as they could, to meet the Sri Lankan challenge! And so **Vividh Bharati** was born....

Vividh Bharati, or the All India Variety Programme (AIVP), came into being on 3 October 1957. This service was initially broadcast from two 100 kW shortwave transmitters—one each at Bombay and Madras. Predictably, 60% of its total program time was devoted to the "despised" film music, and the rest covered devotional and light music, news, radio drama, or talks. As Vividh Bharati gained in popularity amongst the Indian listeners, the audience for Radio Ceylon dwindled, though not as fast as AIR wanted! But it soon became obvious that shortwave broadcasts did not always put in a good signal, and weren't conducive to easy listening. It gradually dawned on the top brass inside AIR that their Vividh Bharati could triumph over Radio Ceylon's All Asia Service only if it was made available locally on mediumwave. Since foreign exchange and the technology required to produce high-powered transmitters were in short supply, a vast countrywide network of low-powered mediumwave transmitters was set up to carry Vividh Bharati exclusively.

AIR's turn to go commercial in the actual sense of the word came on 1 November, 1967. Commercials were initially introduced in a limited scale on the Vividh Bharati channel of AIR Bombay, rather hesitantly at first. This was soon followed by the stations at Calcutta, Delhi, and Madras, and then by the others. From 1 June, 1982, limited advertising was also introduced on the primary channels of all AIR stations. AIR was optimistic that the opportunity to reach a countrywide audience would attract a good deal of advertising. But the sale of airtime didn't pick up as much as they expected: Only a small proportion of time was bought by private advertisers, and the rest was filled by spots paid for by various government departments and which had to be produced by AIR at its own expense.

AIR has drawn up a restrictive code for advertising which prohibits ads for tobacco products and alcoholic drinks, among other things. The revenue earned from its operations is ploughed back into a special fund (Non-Lapseable Fund, or NLF) which goes to improve the programming of AIR, a concept that has been stretched too far!

The sale of airtime is largely concentrated in Bombay, because most advertising agencies maintain their offices there. The Vividh Bharati is currently broadcast for about 13 hours per day, with the advertising content not exceeding 10% of the total time. Apart from the shortwave transmitters at Bombay and Madras, the service is carried by 30 mediumwave transmitters scattered across the country. 15 of these are originating stations, and the rest are relays. All of them share studio facilities with their respective primary and secondary channels, except those at Chandigarh, Kanpur, and Vadodara, which are independent setups.

The bulk of the programming is produced at the separate Vividh Bharati production center in Bombay. Tapes are prepared 40 days in advance, duplicated on high-speed copiers, and then shipped to about 31 destinations for rebroadcast. In the long run, AIR plans to replace this tedious and time-consuming process by feeding all Vividh Bharati centres by satellite. AIR's Research Department has worked out a system by which local Vividh Bharati stations could interrupt the national hookup for up to 7 seconds to insert local ads and announcements. With the successful launch of the Insat-1D, AIR has access to extra radio networking channels; so a commercial service at the national level via satellite hookup will also be tried out. Also, the 200 more local FM stations coming up are likely to have programming with a high commercial content.

Though Vividh Bharati is meant to be a national service, some local variations are allowed. This enables regional stations to insert their own announcements, and to play songs in regional languages to suit the tastes of the local audiences.

AIR's commercial operations extend into the sporting arena also. Starting with the Montreal Olympics in 1976, AIR's sports service provides live coverage of most national and international sporting events, especially cricket, hockey, and tennis matches. The commentaries are carried by additional shortwave transmitters from Delhi, besides being relayed by the primary and secondary channels of some AIR stations. This has been made possible largely due to sponsorship from private advertisers.

For its external service, AIR has commercialized its service in Hindi to the Gulf countries. This service will be bolstered by the two 150 kW shortwave transmitters coming up shortly in Panjim (Goa). On mediumwave, AIR's service to Pakistan in the Punjab, Sindhi, and Urdu languages from the sites at Jalandher and Rajkot also carry commercials. The same is expected when the 200 kW mediumwave transmitter is commissioned in Tuticorin to serve Sri Lanka exclusively.

But the battle of the airwaves rages on. The SLBC's hard-sell commercial service continues to have a solid following in India: So much so that it has prompted AIR's Vividh Bharati to rebroadcast a popular program--Cibaca Sangeet Mala--which has been heard for years over the SLBC!

On the other hand, the SLBC is wary of every move made by its Indian counterpart. It has retimed some of its popular programs to avoid clashing with similar programs doled out by Doordarshan (Chitrahaar).

Looking ahead into the proverbial crystal ball, commercial broadcasting has a bright future in India. Even though a good deal has been said about providing balanced programming with a judicious mix of information, entertainment, and education, lopsided programming with a high proportion of film music has come to stay. Commercial broadcasting is likely to be going strong as long as there is music in Indian films. And there shouldn't be any dearth of it, as India is the largest producer of films in the world--even though they may be nothing more than a song and a dance!



Public Meeting

A Forum for the SPEEDX Staff and Membership

General Editor: Woody Seymour, Jr.
P. O. Box 848, Sanford, NC 27331-0848

There's some rather serious business to pass on to you, so let's get to point, put it behind us, and go on from there. Our President, William Westenhever, has been extremely busy with RCI and ANARC in recent months and strangely silent with SPEEDX. Two Round Robins (our main means of communication) have taken root in Montreal, and left us at a stand still as far as club business is concerned. Bill's input to the club is much valued, but the Board of Directors has heard nothing in four months, even though he has kept up an excellent job as Asia/Oceania editor. According to Article IV, Section 5 of our Constitution, "A vacancy shall occur if a Director is charged with conduct considered detrimental to the Society and is removed from his post by a majority vote of the remaining Board of Directors. The right to fill the vacancies on the Society Board of Directors is vested solely upon the Board itself. A membership election shall not be conducted to fill such vacancies. . . . Any vacancy of the office of President or President-elect of the Board of Directors shall be filled by a majority vote of the Directors". Inasmuch as we, the other Directors, feel it to be detrimental to SPEEDX to hold up our communication process, we have, by majority vote, requested that Bill step down as President. As Vice-president, I am once again your President and a Vice-president will be chosen from amongst us shortly.

One of two things will now happen. Bill will either resign his Presidency and retain his seat on the Board of Directors, or he will drop from the Board of Directors altogether. Unfortunately, thus far even the answer to this decision has been silent. It is our hope to keep him on the Board, but we may be faced with having to appoint someone to finish his term in office if he does not respond soon.

I might remind you all that this is an election year. If you do not have, or cannot find, your copy of the Constitution, you might drop Bob at Headquarters a line before September. And remember that only Full Members may vote, so get your loggings in if you still need to attain Full Membership. If there's a question about your membership points, let John Trautschold's computer know and it'll get straightened out. SPEEDX is a family, but we only function that way when everyone does his share. We on the Board of Directors are here as representatives and if you don't let us know what's on your mind, we can't serve you fully. Got ideas, questions, suggestions, constructive criticism? Write us or any of the editors. And THANK YOU! to all who took time to answer our survey. Results are in and will be published soon.

Peggy Thompson

THE DX-370

Radio Shack's New Digital Portable

Reviewed by
DON BREWER

Are you lusting for a digital read-out, sensitive and reasonably selective world-band receiver at an affordable price? Then you might want to visit your nearby Radio Shack store and eyeball their new Realistic DX-370, which sells for \$119.95.

Even though I already own the Sony ICF-2010 and Realistic DX-440, I purchased the DX-370 in early December. I am delighted with the radio.

Why did I want a third digital receiver? Because of the DX-370's 6-3/4" x 4 1/2" x 1-3/4" size and two pound weight compared with the DX-440's 11 1/2" x 6 1/2" x 2 1/4" and four pounds. I wanted a good radio that could be carried easily around the house and take up minimum room in a suitcase. I also own the Sony ICF-4910, which is small enough for an inside jacket pocket, but it is not digital and has no memories.

No comparison of the DX-370 will be made with the '2010, since that really wouldn't be fair. It's probably not fair to compare with the DX-440, either, since two local Radio Shack stores have told me the model has been discontinued. The 25% off sale in December, the first ever for the '440, turned out to be a clearance sale. One clerk told me Radio Shack has a successor model on the way, but no idea when it will arrive.

Frankly, in my own experience, I was a bit disappointed with the DX-440. Perhaps my particular set was not up to specs. Since both the DX-370 and the DX-440 are made for Radio Shack by Sangean, I was a bit surprised to find in comparison that the '370 is as sensitive and sometimes more so than the '440, which listed for \$80 more.

The DX-370 is limited coverage, but it satisfies my needs considering the other equipment I own. It covers shortwave in two switchable bands, 3.2-7.3 MHz and 9.5-21.75 MHz. FM broadcast is 87.5-107.9 and is switchable stereo-mono. Stereo listening is for stereo headphones only. The broadcast band (MW) is 530-1705 kHz, in spite of other reviews which claims it cuts off at 1630, missing the coming new U.S. AM broadcast band.

There is no tuning knob, no direct frequency entry, but what do you expect for \$119?!?? Frequency selection is accomplished three ways using front-panel up-down buttons: (1) one frequency at a time up or down in 5 kHz increments between 3.2 and 21.75 MHz; 10 kHz increments on MW, and the standard 200 kHz increments for the U.S. FM broadcast band; (2) hold the up or down button for two seconds and scanning kicks in until stopped by a station; (3) depress either button and hold, and it takes off at an incredible speed on any of the four bands listed above until released. There is no fine tuning the radio. Selectivity is adequate often to separate stations 5 kHz apart, depending on signal strength and splatter characteristics of the stronger station.

The digital display is a generous 1/2 inch size for the frequency and clock figures, which I find superior to the ICF-2010. Many's a night tuning the '2010 I have had to squint to see the too-small frequency display numbers.

The 20 memories in the DX-370 are remarkable, considering its cost. Five stations can be programmed for each of the four bands, FM, MW, SW1 and SW2.

The clock displays in 24-hour format when the radio is turned off. When turned on, it shows frequency until the "display" button is pushed, then the alarm time shows for five seconds before returning to frequency. Two taps of the "display" button show the time until pushed again, when frequency returns.

The alarm works well, with choice of radio only or radio and annoying buzzer combination. The radio will not turn off automatically when triggered by the alarm mechanism. It must be turned off manually. There is a 60-minute sleep button. Make sure the radio is turned off, press the sleep button, the radio will play for 60-minutes, then shut off. Unlike the '440 and '2010, there is no time selection in this function; 60 minutes or nothing.

The DX-370 is a single-conversion radio, compared to double conversion receivers, even like my tiny ICF-4910. This means images will appear 900 kHz below the fundamental frequency. Example: the 15 mHz WWV comes in loud and clear on 14.1 mHz. CHU, Canada's time station on 7335, not covered by the '370, is heard on 6435 kHz. This fondly reminds me of my first communications receiver, the Hallicrafters S-20R Sky Champion (my Christmas present in 1945!). However, I have found that with limited frequency coverage, this can be an advantage. For instance, shortly after I bought the DX-370, KTBN went on the air on 7510 kHz (could someone tell me how these FCC licensed stations can operate out of band?). Since the '370 stopped at 7300 kHz (a design blunder even at \$119!), I was frustrated. But not for long. I brought up 6610 kHz, and there was KTBN, loud and clear. It now occupies a position on a memory button, since I have a special interest in Christian broadcasting.

Realistic's DX-370 is not the only version of this Sangean radio. It is sold under the Sangean name as model ATS-800, and one mail order dealer advertises a list price \$10 under Radio Shack. Pros and cons? Radio Shack is only one mile from nearly everywhere and has the no-argument 30-day return privilege with sales receipt. Many dealers are testy about returns. If you get a lemon, off it goes to Sangean in California. However, Realistic offers only a 90-day warranty compared to Sangean's one year. Also, with the ATS-800 comes a nice, sturdy carry pouch for the radio, stereo earphones and a "Wave Handbook." None of these are found with the DX-370. I also have used the ATS-800, and it is identical to its Realistic twin except for some reason coverage ends at 1630 kHz on the MW AM band. Sangean also makes the same radio for Phillips of the Netherlands, sold in the U.S. under its subsidiary as the Magnavox AE3805, with a somewhat re-arranged front panel.

Powering the DX-370 is done with four AA cells, and socket for AC adapter which I bought from Radio Shack for \$7.95. Battery drainage seems modest, as I used batteries heavily for three weeks before buying the adapter and they were still going strong when I did so.

I am not a serious DXer, but rather more a program listener. I gave up years ago on the Falkland Islands on my ICF-2010 and the R-1000, which I no longer own. But I am very fond of shortwave as a hobby and enjoy good radios. I feel the DX-370 is a valuable addition to my collection and wouldn't hesitate recommending it to anyone who enjoys casual listening, needs a first digital receiver, likes portability, and - like myself - exists on a budget (or as they say of us retirees: "fixed income.") After not getting rich from a career in broadcasting, I must look carefully for bargains, which I consider the DX-370, ATS-800, AE3805 to be.

After receiving this article, we decided that user-oriented, non-technical reviews of new and recent portables would be a useful regular feature for *SPEEDX*. Don Brewer has agreed to edit this column for us, so please send your own reviews, comments, and suggestions to:

Don Brewer
9212 West 103d St., Apt. A
Overland Park, KS 66212.

Welcome to the staff! Don will be doing a more thorough introduction in next month's *SPEEDX*.

WESTERN HEMISPHERE

Don Thornton - 12 Freeman Road
Somerset, NJ 08873

Another month of great DX catches and interesting program details. Before starting, I'd like to apologize for mixing together logs from Antigua and Antilles in last month's bulletin, listing them all under Antigua. All of the Radio Nederland & TWR loggings should have been listed under Antilles, of course. If I can think of anyone to blame for this error besides myself, I'll be quick to do so, hi! No room to chat, so here are the loggings.

ALASKA

6095 1200 **KNLS:** EE/RR: Sign on; western mx; prog "EE for You"; ID (343 12/12 Hart-MN)

ANTIGUA

6160 0908 **DW:** EE: Excerpts from "Peter & the Wolf" (454 1/6 Wakefield IA)
9640 0532 **BBC:** EE: "Current Report"; "Words of Faith" w/Rabbi Green (444 12/28 Brown-IL)

9670 0500 **DW:** EE: Nx; "European Journal" & "Random Selection" w/host Larry Wayne (555 12/8 Lukas-NY)

ANTILLES

6165 0400 **RN:** EE: "Media Network" inc reports on French Armed Forces Radio & Radio Moscow (444 12/21 Brown-IL) (Findlater-CA)
9535 0400 **TWR:** EE: "Bonaire Wavelengths" w/feature on the earth's time zones (544 12/15 Neff-FL) (Findlater-CA) (Carson-OK)
9630 0805 **RN:** EE: Prog abt South Africa, Nelson Mandela, de Klerk & the future of that country (444 1/1 Carson-OK)
11815 1100 **TWR:** EE: "Caribbean Connection" prog w/effect of recent events in Eastern Europe (444 12/16 Hart-MN)

ARGENTINA

11710 0158 **RAE:** EE: Multi-language ID; skeds; tango mx; economic report predicting lower personal income (333 1/1 Brown-IL) (Johnson)

BOLIVIA

4719.8 1210 **R. Abaroa:** SS: M anncr w/deep voice; instl mx ID @ 1222 (222 12/11 Reese-DE) (are you sure abt the utc time, Orla?--ed)
4875 0023 **La Cruz del Sur:** SS: Rel mx; ID @ 0026 & off with "hasta las 5 de la mañana" (333 12/8 Huffaker-Mexico)
6105 1000 **R. Panamericana:** SS: S/on routine; ID right into Lat Am mx; Much QRM de WYFR (212 12/28 George-MA)
6135 0902 **R. Santa Cruz:** SS: Sign on; ID; Lat Am mx; ads; phone in show @ 0906. Nice signal for Bolivia! (343 12/29 George-MA)

BRAZIL

4765 0958 **R. Intergracão:** PP: Typical early am mx & DJ; rooster @ 1001 reference to the station in the chatter (333 12/12 Huffaker)
4775 0922 **R. Congonhas:** PP: Country mx & TCs; "Emisora Congonhas" ID @ 0930 (333 12/1 Huffaker-Mexico)
4815 0145 **R. Cabocla:** PP: Long sermon, relig mx; ID @ 0203; off at 0206 (433 12/13 Huffaker-Mexico)
4845 0215 **R. Cabocla:** PP: M anncr tx & plays Lat Am mx (222 12/17 Findlater-CA) (site of this transmission is Manuas, for the logging above the site is Benjiman Constant--ed)
4895 0828 **R. Baré(p):** PP: Lat Am mx; into M tx w/prog of relig mx; faded due to sunrise at transmitter site (fair 12/13 Famularo Japan)
4905.3 2345 **R. Relógio Federal:** PP: Tx by M & W; TPs & annmt of time every minute (322 12/8 Prath-FL)
6000 0930 **R. Guaíba:** PP: M anncr reads brief nx report; into Lat Am mx (333 12/1 Findlater-CA)
6010 0758 **R. Inconfidência:** PP: Lat Am mx; @ 0800 IDs w/freqs; into long tx by M anncr (12/15 fair Famularo-Japan) (Findlater-CA)
11805 0005 **R. Globo:** PP: Tx by M anncrs w/many mx bridges; ads for construction materials/Black & Decker (343 1/4 Westenhaver PQ)
15265 1930 **R. Nacional:** GG: ID; DJ w/Brazilian mx (12/8 Findlater CA)
17730 0200 **SRI:** EE: Nx inc prospects dim on Iraq-US tx; 5 die in rioting in Moscow (333 12/15 Brown-IL)

CANADA

5960 0110 RCI: EE: "As It Happens" w/interview w/London's singing bobby, the original Rudolph the red-nose reindeer (555 12/13 Fraser)
 6005 1300 CFCX: EE: Nx abt weather in Canada & Montreal area; into gardening show abt care of houseplants (444 12/29 Fisher-MA)
 6070 1209 CFRX: EE: Big band mx; "snowy" Toronto area wx; ski report (12/23 343 Neff-FL) (jealous, George? hi!--ed)
 6130 1200 CHNS: EE: Local Halifax nx, traffic, wx & sports (333 12/11 Gaharan-LA) (Brown-IL)
 6160 1415 CKZU: EE: M anncr w/wx across Canada; lcl TC for "15 past 6"; into ad string (333 12/13 Johnson-IL) (D'Angelo-PA) (Findlater)
 6160 1143 CKZN: EE: Labrador morning show w/lcl wx (-33C); tx w/Labrador City doctor on how to avoid frostbite (243 1/8 Westenhaver PQ) (try staying indoors!--ed)
 9625 2115 CBCNQ5: EE: Interview w/weatherman at Baffin's Bay on approach blizzard there (453 12/10 Fraser-MA) (Neff-FL) (Findlater CA)
 11840 0554 R. Beijing: EE: New Year's prog ending w/"interviews" of staff members crying newborns & staff members singing Auld Lang Syne 434 1/1 Rager-NJ)
 15260 1800 RCI: EE: Nx; wx; feature abt amateur sports in Canada (555 12/16 Maier-NY)
 17820 2130 RCI: EE: M anncr w/listener's letters (444 12/10 Langlois FL)
 21545 1723 RCI: EE: Federal Green Plan discussed (444 12/22 Carson OK)

COLOMBIA

4865.2 0520 La Voz del Cinaruco: SS: M anncr w/telephone interviews (353 1/7 Wakefield-IA)
 4885 2315 Ondas del Meta: SS: Lat Am pop mx; M anncr w/promos; telephone number & IDs (433 12/8 Prath-FL)
 4965.1 1043 R. Santa Fe: SS: "Radio Santa Fe" ID by W @ 1048; "Happy Birthday" song sung in EE to listeners (333 12/28 George-MA)
 4976.3 1056 Ondas del Orteguaza: SS: Long ad string; lcl TC; ID; Todelar Network promo; into romantic mx (242 1/8 Westenhaver-PA)
 5955 0910 La Voz de los Centauros: SS: Caracol ID; 50's style pop mx inc SS version of "Twist & Shout" (454 1/2 Wakefield-IA)
 6116 0920 La Voz del Llano: SS: Brassy Lat Am pops, TCs "en Llano"; ID 454 1/2 Wakefield-IA)
 6150 0900 Caracol Neiva: SS: DJ W/Latino mx (12/9 Findlater-CA)

COSTA RICA

4840 0535 R. Reloj: SS: Xmas mx; standard Reloj IDs; new freq & surely a poor choice (433 12/9 Huffaker-Mexico)
 5055 0230 Faro del Caribe: SS: Latino mx into some relig tx (333 12/16 Findlater-CA)
 7374.8u 0200 RFPI: EE: Glenn Hauser's "World of Radio" w/nx abt RCI & KUSW (444 12/9 Johnson-IL) (Findlater-CA)
 13630 0205 RFPI: EE: Prog produced by UN Radio w/features abt ANC & Iraqi release of hostages (233 12/7 Roupe-WV)
 21565 0154 RFPI: EE: Disc abt human rights violations in El Salvador & Guatemala (353 12/29 Janusz-NJ)

CUBA

4765 0319 R. Moscow: RR: Speeches in RR w/ments of Gorbachev, Leningrad, Shevarnadze, Perestroika, & Leningrad (555 12/24 Trescher PA)
 5025 1110 R. Rebelde: SS: Tx w/Cuban mx; //600 med wave had fr-gd signal (333 12/7 Roupe-WV) (Trescher-PA) (Findlater-CA)
 9550 0205 RHC: SS: ID; Latin mx; Latin Am mx; nx (533 12/20 Trescher PA)
 11820 0100 RHC: EE: "Editorial Spotlight" w/nx abt Nicaraguan economy (555 12/28 Maier-NY)
 15435 2210 RHC: EE: Description of Cuba's baseball league (422 12/24 Brown-IL)

DOMINICAN REPUBLIC

4930 0431 R. Barahana: SS: W w/nx; then EZL type of "muzak" (242 1/6 Reese-DE) (Prath-FL)
 6025 1300 R. Amanecer: SS: M anncr ID as "...desde Santo Domingo, Republica Dominicana, transmite Radio Amanecer Internacional" (343 12/31 Prath-FL)

ECUADOR

4795 0158 La Voz de las Carás(p): SS: M anncr w/tx; instl mx; barely audible ID @ 0200 (222 12/30 Cichorek-NJ)
 4800 0330 R. Popular de Cuenca: SS: DJ w/Latino mx (222 12/16 Findlater)
 4870 0210 R. Rio Amazonas: SS: Andean type mx; tx & ID by M (333 12/30 Prath-FL)

4911 0330 **Em Gran Colombia** : SS: ID; Lat Am rhythem mx mixed w/tx (333 12/18 Johnson-IL)
 4920 0050 **R. Quito**: SS: Pop mx prog inc song by Julio Iglesias; ID as "transmite, Radio Quito" (333 12/16 Prath-FL)
 5040 11102 **La Voz del Upano**: SS: M w/ID; then EZL mx (343 12/21 Reese DE)
 6050 0830 **HCJB**: Quechua; M anncr w/ID & ments of "Quechua"; Lat Am Christian mx (454 12/7 Johnson-IL)
 9745 0145 **HCJB** EE: National nx inc overfishing of shrimp in Ecuador (7555 12/28 Maier-NY)
 11835 0706 **HCJB**: EE: In studio native mx; visitor interviews (434 1/7 Carson-OK)
 15155 2355 **HCJB**: EE: "DX Party Line" w/nx abt Ecuadorian stations; SPEEDX report (554 12/15 Neff-FL) @ 1320 in EE w/rel prog (222 12/8 Roupe-WV)
 21455u 0040 **HCJB**: EE: DX items; mx interval; comments on their current QSL card; this is a new freq. (444 12/7 Levison-PA) (Carson OK)
 25950u 1936 **HCJB**: EE: "SPEEDX Report"; Gary Gears interviews Harold Woering (455 12/15 Janusz-NJ)

FRENCH GUIANA

15200 0050 **RFI**: PP: Brasopops w/W anncr; ID; off w/out annmts ect @ 0057 454 12/30 Wakefield-IA)
 15325 0300 **R. Japan**: EE: Nx inc national defense budget for 1991-1995 is approved 544 12/19 Brown-IL)
 15350 0232 **R. Japan**: JJ: W anncr; Japanese mx mx featuring vocals by M; cmnty by M & W (555 12/12 Levison-PA)

GUATEMALA

2390 0141 **La Voz de Atitlán**: SS: ID; Xmas mx inc a tropical version of "Silent Night" & "Blanca Navidad" in the slow Crosby style (444 12/12 Huffaker-Mexico)
 3300 0153 **R. Cultural**: SS: Group sing relig mx (221 1/1 Bishop-NY) @ 0200 in SS w/uninterrupted classical mx; ID in SS; anmts; into play in SS @ 0250 (343 12/8 Seymour-NC) (Prath-FL)
 3324.8 1109 **R. Maya de Barillas**: SS: M anncr w/EZL Lat Am mx (332 12/13 Reese-DE)
 3380 0150 **R. Chortis**: SS: Local mx; ID & tx by M; many ments de Jocotán (444 12/3 Prath-FL)
 4799.8 1159 **R. Buenas Nuevas**: SS: "Silent Night" instl; M anncr w/ID "Drummer Boy" song (232 12/22 Cichorek-NJ)
 4835 0218 **R. Tezulutlán**: SS: "Silent Night" sung in SS. I thought Xmas Eve was last week (433 1/1 Bishop-NY) (Cichorek-NJ)
 4844.8 0230 **R. K'ekchi'**: SS/Vern: Lcl mx; marimba mx; vocals; full ID w/ad-dress in SS; into prog in an Indian lang (322 12/30 Prath FL)
 5981.6 1126 **Unión Radio**: SS: End of rel tx; inspirational song inc one to the tune of "Now is the Hour"; TC; ID; (343 1/8 Westenhaver)

HONDURAS

3250 0320 **R. Luz y Vida**: EE: Relig sermon & hymns; address in Vancouver for reception reports (222 12/16 Findlater-CA)
 4755 1200 **Sani Radio**: SS: Orchestral NA; s/on anmts; ID by M; into prog of lcl mx (252 12/20 D'Angelo-PA) (Prath-FL)
 4820 0411 **La Voz Evangélica**: SS: M preaches in SS (1/1 Bishop-NY)

MEXICO

2390 0055 **R. Huayacocotla**: SS: Nx @ 0101; more mx; ment of station name; slogan "La Voz de la Santa Cruz"; 0115* (323 12/4 Karcheski)
 6020 0900 **XEUW**: SS: Tropical mx; ads; ID as "La U". A reactivation (444 12/12 Huffaker-Mexico)
 6185 0900 **R. Educación**: SS: M & W host a prog of band mx (444 Langlois)

PARAGUAY

9735 2340 **R. Nacional**: SS: Classical mx prog; anncr said "musica de Mozart" (433 12/11 Johnson-IL)

PERU

4495 0205 **R. San Mateo**: SS: Tx w/sign off ID @ 0212 w ments of Contumazá (12/1 252 Barrera-Argentina)
 4914 1009 **R. Cora**: SS: Out of tune Peruvian mx; occasional ads inc bank & airline "Yo soy Cora" ID by a little kid (232 1/2 Westenhaver)
 4960.9 0000 **R. La Merced(t)**: SS: Peruvian & Indian mx; M anncr (332 12/18 Johnson-IL)
 4990 0157 **R. Ancash**: SS: Tx on agriculture; "R. Ancash presenta..." @ 0200 (433 12/4 Huffaker-Mexico)
 5025 1035 **R. Quillabamba**: SS: Peruvian NA; s/on ID; Peruvian mx (333

12/6 Huffaker-Mexico)

- 5146 0108 R. Estrella(p): SS: Mx prog; no ID heard but several ments of Huánuco (11/30 252 Barrera-Argentina)
6851.3 0002 R. Cultural: SS: ID "R. Cultural, desde La Comunidad Minera de Cailloma en 6850 kHz; NA 0004* (343 11/29 Barrera-Argentina)

PIRATES, CLANDESTINES & UNIDS

- 1620 0155 WJBI: EE: prog which sounded like spiritual mx; ID w/address asking for reception reports (313 12/25 Levison-PA)
7412 0000 Hope Radio Int'l: EE: ID "This is Hope Radio Int'l"; nx item abt CIA cover up of UFO's (fair 12/15 Fisher-MA) @ 0156 on 7418 kHz w/tx abt R. NY Int'l on WWCRC (444 12/13 Johnson IL)
7413 2315 WORK: EE: "Workin' in a Coal Mine" bridge mx; asked workers what they would do if they won \$21 million in a lottery (343 12/24 Johnson-IL)
7415.6 2325 Action Radio: EE: Xmas songs; listener's reports; Wellsville address (444 12/25 George-MA) (Johnson-IL)
7495 2207 R. Mauser Worldwide: EE: Long rock song; ID announced power as 750 billion watts; address PO Box 55553 Trenton NJ 08638 (444 12/30 George-MA)

UNITED STATES OF AMERICA

- 7315 0830 WHRI: EE: W host prog w/relig mx (444 12/9 Langlois-FL)
7510 0352 KTBN: EE: Relig prog using audio from TV simulcast (333 12/23 Neff-FL)
7520 0400 WWCR: EE: Radio Free New York prog w/Xmas rock & roll; promos; (344 12/16 Carson-OK)
9465 1942 WMLK: EE: Discussion of food & dairy prices & food storage policy of US gov't (233 12/31 Carson-OK)
9575 0530 VOA: EE: Nx inc experts say Saddam Hussein will have to be removed by force (heavy bubble jamming) (422 12/26 Brown-IL)
9775 0110 VOA: EE: Nx inc Kuwait gov't-in-exile rules out a land-for-peace deal (444 12/10 Brown-IL)
9785 0735 KVOH: EE: Rev. Dr. Gene Scott, relayed from his TV prog, making appeal for funds (444 12/13 Brewer-KS)
9815 0311 KUSW: EE: Prog of rock mx; KUSW is no longer on the air, sold to KTBN (555 12/9 Lukas-NY)
11680 2202 VOA: PP: World nx read by M & W; ID w/theme mx @ 2206 (444 12/27 Matsushita-Japan)
15420 2125 WRNO: EE: Many ads for clothing, US Army, waterbeds, Pepperidge Farm, ect into Beatles mx (finally) (453 12/10 Fraser-MA)
15590 2215 KUSW: EE: KUSW's last day of b'casting featuring rock & roll mx & listener's phone calls (555 12/15 Carson-OK)
15590 2215 KTBN: EE: Paul Crouch, president of Trinity Broadcasting Network announced take-over & call sign change on 12/18 (444 12/19 Brewer-KS)

URUGUAY

- 11735 0017 R. Monte Carlo(t): SS: 2 M annrcs doing "futbol" cmnty; (La Luz vs. some other team) thought I heard one "Monte Carlo" in passing (333 1/4 Westenhaver-PQ)
11835 2253 R. El Espectador: Mx until 2259 prog break; ID; into continuous vocals until 2325 (353 12/24 D'Angelo-PA)

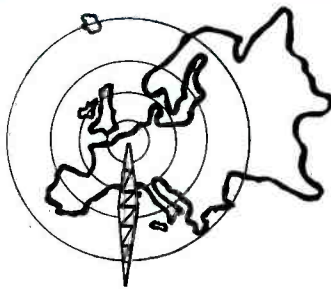
VENEZUELA

- 4830 0129 R. Táchira: SS: Dance mx; ID @ 0130 giving QTH as San Cristóbal (433 12/12 Babin-MA) (Bishop-NY)
4940 0542 R. Continental: US & Lat Am pop mx w/occasional EE IDs & reception reports requested (353 12/26 Janusz-NJ) (Prath FL)
5040 0219 R. Maturín: SS: Nice Lat Am mx (533 12/27 Prath-FL)
9660 0243 R. Rumbos: SS: ID; vcl mx by M; more mx (424 12/23 Wolfson OH)

FILL THAT GAP! I would like to apologize to everyone, but especially to John Carson, Ed Brown, Tim Johnson, John Findlater, Carl Huffaker, George Neff & Gabriel Iván Barrera for not being able to use more of the fine material that was sent to me. That is the one bad part of editing this column: deciding which logs not to use. As always, everyone who sent in any loggings was "featured" in the column, so please do continue to send in your all of your logs! I'm thinking about buying a different daisy wheel for this machine which would reduce the size of the type but would allow more material to be included. Carl Huffaker reports that Radio de La Universidad de Vera Cruz (Mexico) is now heard on 6020 kHz, ex 6015 kHz...next month I'll try to include details from the programs you have monitored concerning the war in the Gulf region...until next month remember to have fun with your radio!

73s and good DX *dlm*

EUROPE



BOB COLYARD
84 HARRISON AVENUE
BRICKTOWN, NJ 08724

Whoa! Moooocho loggings, and recipes too! I earned my \$1.65 this month. (Bob the Butcher!) Hey, I mean well. Damn, another war! What can I say? See you in Kulpsville.

735 Bob

ALBANIA

Radio Tirana

- 6121.1 2339 RT: EE: Comments, folksongs, & "Lets Learn Albanian". (322 12/30 Cichorek-NJ)
7205 0633 RT: EE: Joint venture with western banks. (Even there...!)(343 12/26 Janusz-NJ)
7215 2235 RT: EE: //9480; YL w/news; rpt on the Albanian economy. (433 12/25 Prath-FL)
7300 2345 RT: PP: //9500; YL w/talk; off @2355*. (222 12/14 Findlater-CA)
9500 0649 RT: EE: Program of Albanian music; anthem & off @0657*. (333 12/13 Carson-OK)
9760 *2330 RT: EE: Deputies meeting & developments. (433 12/29 Hart-MN)(333 Findlater-CA)
2350 RT: EE: "P.O.Box Radio Tirana"; ID & off @2355*. (333 12/11 Brewer-KS)
0230 RT: EE: New Year Greetings, & (Get this!) offer by station director to accept advertising on R. Tirana. (433 1/1 Carson-OK) 24 Albanian Hits only \$9.95. BC
11825 0231 RT: EE: "Review of the Albanian Press" (423 12/9 Johnson-IL)

AUSTRIA

Radio Austria Int'l

- 9870 0130 RAI: EE: "1927... the year Beethoven died..." (555 12/16 Robinson-TN)
0145 RAI: EE: //9875; Eugene Hartzell on Christmas trees. (454 12/14 Fraser-MA)
9875 0100 RAI: GG: //9870; Austria's neutrality in the Gulf Crisis. (444 12/7 Roupe-WV)
0130 RAI: EE: "Mr & Mrs Austria are Optimistic" (444 12/7 Johnson-IL)(444 Brown-IL)
12010 1745 RAI: EE: //13730; Program of classical music; ID by OM. (242 12/25 Prath-FL)
13730 0157 RAI: EE: "Rpt From Austria". No sound or anything. (111 12/21 Bishop-NY) Whoa!

BELGIUM

Belgische Radio en Televisie

- 9925 0030 BRT: EE: Comments on Shakesperian acting in Belgium; music. (555 12/9 Card-RI)
0035 BRT: EE: "Radio World" (343 12/30 Prath-FL) (444 12/2 Langlois-FL)
21810 1405 BRT: EE: "Press Review" & "Radio World"; off @1428*. (433 1/7 Carson-OK)

BULGARIA

Radio Sofia Radio Moscow

- 7115 0247 RM: EE: Christmas Program w/recipe for holiday punch: 1 gallon of peaches, 1 Temon, & sugar to taste. (444 12/22 Brown-IL) +Vodka = Winter-Fest special
0400 RS: EE: News: US Attorney General's visit to Bulgaria. (433 12/5 Bagozzi-CA)
Sports Review 90", "Radio Youth Magazine" (434 1/1 Carson-OK)(433 Johnson-IL)
*0857 RS: Greek(WRTH): IS, s/on, & news on the Gulf crisis. (322 12/30 Wakefield-IA)
9700 0000 RS: EE: //11680; "Viewpoint", "Studio"; 1990 music hits. (444 12/23 Carson-OK)
2150 RS: EE: "Radio Sofia Calling": making 160 meter ham-gear. (544 12/14 Fraser-MA)
11680 *0000 RS: EE: //9700; ID and news; rpt on ecological problems. (444 12/30 Prath-FL)

CZECHOSLOVAKIA

Radio Prague Int'l Inter-Program

- 5930 0310 RPI: EE: Talk about X-mas traditions in Czech. (544 12/25 Prath-FL)
0400 RPI: EE: News: arrival of the Czech contingency in Saudi Arabia. (455 12/20 Johnson-IL)(444 11/28 Findlater-CA) This EE Bcast now on till 0430. -BC
2110 RPI: EE: Comment on Soviet immigrants coming to Czech. (333 12/6 Roupe-WV)
6055 0700 Inter-Program: various: Pop & rock music. (454 12/16 Janusz-NJ) DXing eh?
7345 *0258 RPI: EE: New Years Program. (wild & strange) w/cocktail recipe: "The White Beast of the East" (Vodka + Champagne). (444 1/1 Carson-OK)(444 Findlater-CA)
2230 RPI: FF: National news. (555 12/1 Maier-NY) Follows EE @2200. -BC
9540 2230 RPI: FF: music followed by clear ID and into the news. (443 12/12 Babin-MA)

EURO-PIRATE

- 6290 0825 Live Wire Radio: EE: Pop music: Springsteen, etc.. ID by OM: "On shortwave, this is Live Wire Radio". Very weak, low modulation. (222 12/30 Fisher-MA)

FINLAND

Radio Finland

- 9550 9550 RF: EE: YL w/travelogue abt lakes & hotels; GG @2000. (333 12/28 Cichorek-NJ)
9645 0020 RF: EE: //11755; end of pgm "Focus"; anmts & FF @0025. (433 12/30 Prath-FL)
11755 0015 RF: EE: YL w/talk abt the Lutheran church in Finland. (433 12/14 Langlois-FL)
2200 RF: EE: ID & YL w/news. (333 12/7 Findlater-CA) FF: @0100: (444 Findlater-CA)
15400 1414 RF: EE: //21550; End of nx; pgm on violin competition. (444 12/16 Cichorek-NJ)
21550 1400 RF: EE: News: increase in Lynx hunting permits. (444 12/8 Johnson-IL) @1411: Christmas traditions in Finland. (443 12/15 Neff-FL)

FRANCE

Radio France Int'l Radio Beijing

5945 0200 RFI: FF: ID & OM w/news. (333 12/11 Findlater-CA)
 7280 0330 RFI: FF: Talk abt Gorbachev; DJ w/French vocal music. (555 12/18 Trescher-PA)
 9800 0100 RFI: SS: //11995. (444 12/7 Findlater-CA) @0200 FF: (555 12/27 Trescher-PA)
 9845 2100 RBJ: ??: IS, ID, and into vocal music program; 2200*. (222 12/11 Findlater-CA)
 11700 0745 RFI: FF: DJ w/pop music program. (333 11/29 Findlater-CA)
 11965 2100 RFI: FF: ID and pop music program; poor. (222 12/5 Findlater-CA)
 15195 1230 RFI: EE: //21645, 21635, 17650, 11670. (333 12/29 Prath-FL)(343 Cichorek-NJ)
 17620 2000 RFI: FF: //15300; DJ w/ID and pop music program. (333 12/8 Findlater-CA)
 21635 1433 RFI: FF: Program of talk and music. (454 12/10 Lukas-NY)
 21700 1445 RFI: EE: "North-South" pgm on the screw worm in Libya. (433 12/17 Gaharan-LA)
 21770 1406 RFI: EE/FF: Nx, press reviews; "The Arts". FF: @1455. (434 12/13 Carson-OK)

GERMANY

Deutsche Welle Radio Bremen Bayerischer Rundfunk RIAS-Berlin

5960 0526 DW: EE: //9700; "Random Selection": firms heading east. (444 1/7 Carson-OK)
 6005 0650 RIAS: GG: Pop mx: Santana's "Oye Coma Va"; news @0700: "Iraq", "Greenpeace"; jingles & ID; YL w/"Hier ist RIAS" (pronounced - rice). (433 12/7 Johnson-IL)
 6035 0206 DW: EE: //7285; OM w/news; "European Journal". (433 12/18 Wolfson-OH)
 6040 0124 DW: EE: "old RBI listeners welcomed to DW family". (444 1/1 Carson-OK)
 6050 0000 RFE: Czech: "Radio Svobodna Europa"; OM & YL dialog. (333 12/21 Findlater-CA)
 6075 0243 DW: GG: //6100, 6145, 9735; Talk; music by Karl Mayer. (444 12/7 Roupe-WV)
 6085 0230 BRF: GG: Talk about nuclear arms plant; music. (555 12/6 Trescher-PA)
 6190 0850 RB: GG: Music to 0900; pips(3+1), ID & news by OM; @0906 mix GG/EE mx w/YL DJ. QRM de BBC-6195. (353 12/16 D'Angelo-PA) I Wonder when SFB is scheduled? -BC
 7185 2030 DW: SS: This was a RBI frequency, QRM de W33AN. (222 12/6 Lukas-NY)
 7285 0220 DW: EE: X-mas music and stories. (343 12/25 Prath-FL)
 11890 0337 DW: EE: German language lessons. (212 12/9 Babin-MA) This exRBI freq to NA. BC
 13780 1453 DW: GG: EZ listening mx; IS, ID & news @1500. (333 12/22 Cichorek-NJ)
 15350 1910 DW: EE: QRM de co-ch Radio Luxembourg. (313 12/11 Lukas-NY) //13780 & 15390
 15410 2230 DW: GG: Stock report, MAC Int'l money exchange. (666 12/28 Maier-NY) ex555? BC

GREECE

RS Makedonias Voice of Greece Voice of America

7205 0110 VOA-Kavalla: EE: "VOA Sunday Morning"; much QRM. (322 12/30 Wakefield-IA)
 0250 VOA-Kavalla: EE: "No 1991 VOA Calender because of budget. (333 12/22 Brown-IL)
 9395 0136 VOG: EE: Greek immigrants from Eastern Europe & USSR. (434 12/24 Carson-OK)
 9395 0229 VOG: Greek: DJ w/light Greek music; OM w/ID @0230. (322 12/8 Reeves-OR)
 9420 0000 VOG: Greek: //9395, 11645; ID & OM w/news. (444 12/7 Findlater-CA)
 0135 VOG: EE: News: the flood of Albanian refugees; ID & music. (333 1/2 Brown-IL)
 0230 VOG: Greek: YL speaking w/Greek music. (555 12/8 Reeves-OR)(533 Trescher-PA)
 9425 2335 VOG: EE: Greek X-mas traditions. (455 12/23 Johnson-IL)(444 12/26 Cichorek-NJ)
 11595 2228 RSM-Thessaloniki: Greek: Music to 2300*. (444 11/12 Watts-KY)
 11645 0127 VOG: Greek/EE: "Edo Athine"; trumpet solo.(444 1/6 Wakefield-IA)(333 Brown-IL)
 12105 2339 VOG: EE: //9425; ID by YL and a music program. (343 12/29 Prath-FL)

HUNGARY

Radio Budapest

6110 0235 RB: EE: //11910; "Calling DXers", w/tips from DXers. (433 12/25 Prath-FL)
 9835 0036 RB: EE: News & Commentary; ID; "Business as usual". (343 12/30 Cichorek-NJ)
 9835 0130 RB: EE: News about the Hungarian democratic forum. (545 12/16 Robinson-TN)
 0230 RB: EE: //6110; "Calling DXers" Laszlo Pinter w/DX tips. (333 12/7 Roupe-WV)

ICELAND

Icelandic National Broadcasting Service

17440 1411 INBS: Icelandic: //13855; Opera music; OM w/ID "Utvarg Reykavik". (12/23)
 @1435: Icelandic: YL w/news feature. (444, 343 12/8 Johnson-IL)

And now, direct from Switzerland: The Steve Willers Euro-Pirate Show.

United Kingdom

6220.5 0520 Live Wire Radio: EE: DJ-Bill Lewis w/"Oldies"; address in England. (122 12/25)
 11400 1115 Jolly Roger Radio: EE: Irish DJ; rock; POBox 39 Waterford,Ireland. (233 12/16)
 14043 1253 Weekend Music Radio: EE: Music, Ads, talk & phone calls. Scotland (243 12/26)

France

11401 1005 Radio Waves Int'l: EE: Report abt Radio Caroline; pop music, IDs. (243 12/16)

Germany

6205 1132 Radio Atlantis SW: EE: English-DJ w/recordings of other Pirates. (132 12/9)
 11401 0937 Radio Marta-(via RWI): GG/EE: Rock n roll; address in Wuppertal. (143 12/30)
 11401 0951 Radio DX 34-(via RWI): EE: DJ-Nick; POBox 100 350,7016 Gerlingen. (243 12/16)
 15050 1333 Pirate Freaks Bcating Svc: EE: Pirate Andy w/reception reports. (344 12/26)

Holland

6206 0831 Radio Orang Utan: EE: DJ-Freddy Bey Bey; sched: 1st & 3rd Sundays.(344 12/23)
 6206.5 1004 Radio Arena: EE: "Oldies" & music from the "Stones"; heavy fading. (132 12/25)
 6206.8 0855 Radio Action: EE: DJ-Mike West; pops; POBox 26, 7030 AA, Wehl, NL. (344 12/25)
 6220 1100 Radio Telstar: EE: Sweet & Billy Idol; Postbus 59, 7260 Ruurlo. (243 12/26)
 6275 1002 Free Radio Svc Holland: EE/GG: Recordings of old programs & music. (343 12/9)
 7489.4 0822 Voice of the Netherlands: EE: Stevie Wonder, U2...; ID & address. (332 12/25)

Italy

7140 1031 Radio Italia Int'l: II: Soft Italian music; talk and many IDs. (333 12/9)
 9815 1055 IRRS: EE: DX Program; Howard Williams w/"London This Week". (455 12/9)

ITALY Radiotelevisione Italiano IRRS
 5990 2220 RAI: EE: Music - Theme from Star Wars; ID & off @2225*. (322 12/29 Prath-FL)
 9575 0102 RAI: EE: News by the "Dead Lady", ID & address. (333 12/23 Brown-IL)
 0310 RAI: SS: ID: "Aqui RAI"; and EZ listening music. (555 12/5 Trescher-PA)
 9710 *1935 RAI: EE: //11800; ID & s/on; YL w/news. 11800 better. (222 12/25 Prath-FL)
 9815 0705 IRRS: EE: live visit to IRRS by women from UN-Radio. (333 12/18 Carson-OK)
 11800 *0140 RAI: II: //9575; IS & ID; news by YL & OM; music. (524 12/19 Wolfson-OH)

LUXEMBOURG Radio Luxembourg
 6090 0035 RL: ??: Musical selections w/no anmts; religious chorus. (434 12/28 Levison-PA)
 15350 1908 RL: EE: Rock n roll oldies; QRM de Deutsche Welle. (222 12/11 Lukas-NY)

MALTA Deutsche Welle IBRA Voice of Med
 7110 2030 IBRA: GG: Religious programming. (243 12/6 Watts-KY)
 9605 0307 DW: EE: Program notes; rpts on the ANC & GG stock market. (433 12/22 Brown-IL)
 9665 0630 IBRA: ??: ID in EE; religious music and hymns. (444 12/22 Findlater-CA)
 9765 0600 VOM: EE: ID and frequency anmts. Very heavy QRM. (222 12/25 Brown-IL)
 0700 VOM: AA: OM w/chanting & Arabic music; 0800*. (333 12/1 Findlater-CA)

NETHERLANDS Radio Netherlands
 5955 0700 RN: DD: DJ anncr w/pop music program. (333 12/6 Findlater-CA)
 6020 *0027 RN: EE: "Newsline", "Media Network". (544 12/14 Carson-OK) (444 12/7 Johnson-IL)
 9860 2030 RN: EE: DJ w/pop music countdown. (333 12/8 Findlater-CA)
 9895 2031 RN: EE: //11660; Poor w/co-ch QRM. (422 12/4 Lukas-NY)
 11660 2030 RN: EE: "Images". ex-15560 on 12/2. (354 12/4 Lukas-NY)
 11890B 1042 RN: EE: //6020B; Romanian Xmas under communism: called it "Old Father Freeze" and hiding Christmas under New Years. (433 12/24 Hart-MN) Both Bonaire. -BC
 11935 0800 RN: DD: ID and OM w/news; 0825*. (333 12/12 Findlater-CA)
 13700 1940 RN: AA: ID, OM w/talk. (333 12/8 Findlater-CA)

NORWAY Radio Denmark Radio Norway Int'l
 9565 0415 RNI/RD: NN/Danish: Long talk in NN by OM; at0429 EE ID; then IS & s/on for RD; YL w/talk. Polar flutter. (pr-fr 12/15 Famularo-JP)
 9615 0100 RNI: NN: OM w/tik & EZ listening music program. Poor. (222 12/24 Findlater-CA)
 0200 RNI/RD: EE/Danish: news & Letter pgm; talk w/Photographer; 0228*; then IS for RD; talk by OM; 0255*. (515 12/23 Wolfson-OH) (333 Brown-IL) (444 Findlater-CA)
 11865 1530 RD: Danish: IS & ID in EE/Danish, freq anmts & news. (433 12/22 Cichorek-NJ)
 11940 0145 RD: Danish: ID & OM w/talk. (333 12/3 Findlater-CA)
 11925 0204 RNI: EE: //9615; Christmas pgm w/Norwegian Xmas mx. Nice! (353 12/24 Lukas-NY)
 15310 *1800 RNI: NN: IS & brief EE ID, then YL w/news. (444 12/25 Prath-FL)
 17725 *2000 RNI: NN: ID & OM w/news. (444 12/12 Findlater-CA)

POLAND Radio Polonia
 7270 *2230 RP: EE: Domestic news abt Polish elections; music requests. (555 12/9 Card-RI) News & "What We Said". (343 12/8 Prath-FL) "Panorama" (222 1/2 Cichorek-NJ)
 9675 0640 RP: EE: Problems with Poland's economic transition. (333 12/29 Findlater-CA)
 11815 *1429 RP: EE: IS, ID & OM w/program anmts; news abt economy. (222 12/29 Cichorek-NJ)

PORTUGAL Radio Portugal RCI RFE/RL VOA
 6130 0700 RDP: PP: OM w/talk; 0800*. (333 12/20 Findlater-CA)
 7170 1830 VOA: Lithuanian: EE ID & theme music; OM/YL w/news. QRM de co-ch Moscow in EE. (333 12/27 Matsushita-JP) I have a few 17 page VOA frq/site lists. Write! BC
 9555 *0300 RFE: ??: "Radio Europa Libera". (444 12/21 Findlater-CA) Used to be Dari. -BC
 9595 0630 RFE: Romanian: "Radio Europa Libera"; OM w/talk. (333 12/29 Findlater-CA)
 9600 0231 RDP: EE: Pgm notes & news: Xmas greeting to PP President. (333 12/21 Brown-IL)
 9615 *0300 RCI: RR: IS, ID & OM w/talk. Poor. (222 12/14 Findlater-CA)
 9635 2245 RDP: PP: //9705; Fast talking YL/OM DJs w/jazz pgm. (333 12/17 Findlater-CA)
 9705 0240 RDP: EE: YL w/commentary; "Portugal Past & Present". (444 12/27 Findlater-CA)
 9725 0700 RFE/RL: ??: "Radio Svoboda" talk about Shevardnadse. (444 12/22 Findlater-CA)
 9725 2200 RFE: Czech: "Radio Svoboda Europa" (333 12/10 Findlater-CA)
 11725 2000 RFE: Polish: "Radio Polska Wolna Europa"; OM w/news. (333 11/27 Findlater-CA)
 11815 2100 RFE: Romanian: "Radio Libera Europa"; OM w/news. (333 12/20 Findlater-CA)
 11885 2100 RL: RR: "Radio Svoboda"; YL w/news. (333 12/19 Findlater-CA)
 17725 1805 RL: RR: YL w/news; ID-"Radio Svoboda"; Euro news. (444 12/15 Cichorek-NJ)

ROMANIA Radio Romania Int'l
 5990 1945 RRI: EE: "This is Bucharest, Radio Romania Int'l". (242 12/7 Johnson-IL)
 6155 0200 RRI: EE: Talk abt Orthodox Church; "22 Dec last year.. fall of dictatorship"; music for "Light in The Darkness". QRM de DW. (545 12/22 Robinson-TN)
 9510 2230 RRI: SS: //9570; YL with Xmas carols. QRM co-ch VOA. (333 12/17 Findlater-CA)
 0570 0200 RRI: EE: Christmas in Romania. (444 12/25 Prath-FL) "The lack of money for Christmas shopping". (545 12/16 Robinson-TN) They have money? -BC
 24 0340 RRI: SS: Xmas carols by little girl. Bad QRM. Jammed? (423 12/31 Wolfson-OH)
 11940 *1300 RRI: EE: //21665; IS, ID & news; economic changes in Rom. (343 12/1 Prath-FL)
 15365 *1730 RRI: EE: IS, ID & news by YL. (232 12/25 Prath-FL)
 17720 1315 RRI: EE: //21665; ID & talk by YL, then music. (222 12/29 Prath-FL)

SPAINRadio Exterior de Espana Radio Beijing Radio Liberty

9360 0400 REE: SS: ID and OM w/news. (444 12/8 Findlater-CA)
 9520 1714 RL: RR: Many reports on Gorbachev by YL/OM; OM w/ID. (444 12/27 Matsushita-JP)
 9630 0030 REE: EE: //11880; News & commentary. (555 12/28 Maier-NY)(545 12/14 Fraser-MA)
 0135 REE: EE: "DX Spot" on portable radios, "Even a pregnant woman can take a radio to the hospital". (433 12/23 Neff-FL) Who's in the bathroom with my D1875?
 9690 0300 RBJ: EE: News: new VP in USSR & Kuwait officials in CC. (444 12/27 Brown-IL)
 0325 RBJ: EE: "Cooking Show", & program on Chinese festivals. (534 12/23 Rager-NJ)
 11815 0100 REE: SS: //11775, 9360; ID and news by YL. (333 12/4 Findlater-CA)
 11880 *2355 REE: EE: IS & news: All Spaniards to leave the Gulf area. (444 12/29 Brown-IL)
 0225 REE: SS: Much talk by OMs. (233 12/8 Reeves-OR)
 12035 0730 REE: SS: YL & OM DJs w/Latino music; 0800*. (333 12/20 Findlater-CA)
 5240 2220 REE: SS: Latin American news. (312 12/26 Trescher-PA)

SWEDENRadio Sweden

9695 *0200 RS: EE: IS, ID & news: Swedes prefer applying to the EEC. (322 12/27 Brown-IL)
 0332 RS: EE: News, wx & sports: World Handball Champion Sweden. (433 1/3 Carson-OK)
 11715 1248 RS: EE: //17740, 21570; Talk about Religion in Sweden. (333 12/1 Prath-FL)
 17740 1232 RS: EE: Asian Svcs: Iceland, land of ice and fire. (232 12/30 Cichorek-NJ)
 17875 1546 RE: EE: Year-round Santa Claus center in Greenland. (444 12/22 Brewer-KS)
 21500 *1530 RS: EE: //17875; Sweden has most expensive food in Eu. (544 12/23 Cichorek-NJ)
 "Look At Iceland": geography, history & tourism. (544 12/30 Rager-NJ)
 Steel Cow: coin-op milk dispenser uses returnable bottles. (443 12/23 Neff-FL)
 21570 1245 RS: EE: Review of Nordic news stories of 1990. (343 12/29 Prath-FL)

SWITZERLANDSwiss Radio Int'l

3985 0759 SRI: EE/SS: //6165, 9535; "Oh My Papa" inst'l; ID by YL w/Svc to Eu; 5+1 pips @0800 & into SS. (333 12/27 Cichorek-NJ)
 6135 0315 SRI: Romansch: IS, mx & news @0320: Italian: IS & news. (555 12/6 Trescher-PA)
 0400 SRI: EE: IS, ID, news & "Grapevine" w/listener's letters. (444 12/16 Brown-IL)
 0800 SRI: FF: ID & talk by OM. (222 12/6 Findlater-CA)
 6190 2245 SRI: EE: "Dateline": abt Xmas. (444 12/24 Prath-FL) The Gulf. (444 Brown-IL)
 9560 0830 SRI: EE: ID and OM w/news. (333 12/1 Findlater-CA)
 9650 0200 SRI: EE: //6135, 9885, 12035; News & "Dateline"; w/Swiss Dr. & his discovery of cure for sleeping sickness. (433 12/20 Brown-IL)(555 12/7 Findlater-CA)
 9885 0400 SRI: EE: Amnesty Int'l accuses Iraq of torture in Kuwait. (444 12/18 Brown-IL)
 12035 *0115 SRI: ??: //9885; IS & ID in EE, then into Lang. (333 12/8 Findlater-CA)
 *0155 SRI: EE: Alpine music, IS, ID and news. (333 12/19 Brown-IL)
 16635 1345 SRI: EE: //21695, 17830, 15570. (444 12/25 Prath-FL)(333 12/9 Neff-FL)
 16430 1530 SRI: EE: Mid East/African Svc: ID and news. (343 12/8 Brewer-KS)
 0653 SRI: EE: End of pgm; accordion mx & into Italian @0700. (fr 12/19 Famularo-JP)

UNITED KINGDOMBritish Bcating Corp British Forces Bcating Svc V/O America

6050 0555 RCI: EE: IS then news @0600. Heard on co-eh R. Nigeria. (433 12/7 Johnson-IL)
 6140 0622 VOA: EE: Report on medical teams in the Mid East. (333 12/29 Brown-IL)
 6195 2200 BBC: EE: ID & world news. (555 12/13 Trescher-PA) @0605: (343 12/29 Brown-IL)
 6840 0115 BFBS-feeder: USB: News, (not // BBC World Svc) "This crisis that has now become a war"; @0140: live CNN coverage in Baghdad. Lots of QRM. (221 1/17 BC-NJ)
 7150 0650 BBC: EE: "Instruments of the band": the fiddle & dancing. (544 12/29 Brown-IL)
 7170 0546 VOA: EE: Baker holds meetings in London. (444 1/7 Wakefield-IA)
 7325 0200 BBC: EE: //5975 Antigua (555 12/16 Trescher-PA)(433 Brown-IL)(343 Wakefield-IA)
 9410 0522 BBC: EE: Report on situation in Africa. (343 12/28 Brown-IL)
 9670 0550 VOA: EE: Program notes & "VOA Saturday Morning" (222 12/28 Brown-IL)
 9760 2030 VOA: EE: Willis Conover's "Jazz Hour". (444 12/11 Fraser-MA)
 9915 0035 BBC: EE: "Guys & Dolls"(444 12/21 Levison-PA) w/John Major(544 12/8 Reeves-OR)
 11775 0745 BBC: AA: ID & talk w/OM; 0800*. (222 11/29 Findlater-CA)
 13745 0150 BFBS: EE: "Long distance dedications" for the troops. (424 11/13 Woering-MA)
 15575 1445 BBC: EE: "Off The Shelf" w/"Way of All Flesh" part 14. (333 12/20 Carson-OK)
 15670 1425 BFBS-feeder: USB: Radio-5's coverage of rugby. nx each 1/2hr. (322 1/19 BC-NJ)
 17695 1330 BFBS: EE: //21735; Mx & messages. (343 12/23 Neff-FL)(444 12/29 Cichorek-NJ)

VATICAN CITYVatican Radio

6185 1952 VR: Latin?: //7250; Holy Rosary Pgm. (343 12/7 Johnson-IL)(433 1/5 Carson-OK)
 6248 0257 VR: Romanian:??: OM/YL reading abt Slovenia & rx music. (433 12/18 Wolfson-OH)
 *0600 VR: EE: IS, ID & the Pope's Christmas message. (322 12/29 Brown-IL)
 7250 1935 VR: GG: Religious programming for Europe. Fair sigs. (333 12/6 Roupe-WV)
 9605 0050 VR: EE: News: About the "Boat People" in Hong Kong. (444 12/10 Brown-IL)
 9645 0645 VR: ??: ID and into Latin Mass. (333 12/22 Findlater-CA)
 17710 1950 VR: ??: "Holy Rosary". Poor. (222 12/11 Findlater-CA)
 21485 *1358 VR: SS: IS, bells, music; OM w/talk. (323 12/30 Carson-OK)

YUGOSLAVIARadio Yugoslavia

5955 2230 RY: EE: "P.O.Box 200", into "Radio Ham's Corner". (333 12/29 Carson-OK) 25
 11735 0130 RY: EE: Problems w/ethnic differences. (222 12/21 Findlater-CA)(333 Carson-OK)
 17725 1315 RY: EE: //21715; "Economic Review": on banking industry. (343 12/25 Prath-FL)
 21715 1317 RY: EE: Talk on political position of women in Yugo. (433 12/26 Cichorek-NJ)



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USSR Radio Moscow Radio Kiev Radio Tashkent Radio Vilnius Radio Yerevan Radio Station Peace and Progress

- 4395 0830 **RM (DS3)-Yakutsk (PWBR):** RR: M tik (222 12/23 Findlater-CA)
 4485 1835 **R. Petropavlovsk-Petropavlovsk (ILG):** RR: M ID, exercise pgm w/ piano mx until 1850 (444 12/28 Matsushita-JP) (Roupe-WV) (Findlater-CA)
 4610 1310 **R. Khabarovsk (DS2)-Khabarovsk (ILG):** RR: RR tik w/ class. & piano mx, fade-out by 1335 (232 12/6 Roupe-WV) (Findlater-CA)
 4635 0200 **R. Dushanbe (DS1)-Dushanbe (ILG):** RR: M tik, ment. of Moscow (222 12/16 Findlater-CA)
 4740 0230 **R. Afghanistan-Ashkhabad (ILG):** Pushto: TP, M ID, tik (232 12/16 Prath-FL)
 4785 0300 **RM: RR: ID "Govorit Moskva", NA, nx/tik (thought R. Baku should be here now) (232 12/16 Prath-FL) (RM relay via Baku? -ed)**
 4785 0408 **R. Baku (DS1)-Baku (PWBR):** RR/Azerbaijani: M tik, ME mx @ 0415, fading badly, no ID (322 1/7 Colyard-NJ)
 4795 0535 **RM: EE: disc of composer Mikhail Ryzdzhynsky (343 12/26 Janusz-NJ) (Babin-MA) (Lukas-NY)**
 4795 2200 **RSP&P: EE: ID, nx, cmtry on Lithuania (333 12/1 Prath-FL) (Cichorek-NJ) (Roupe-WV)**
 4810 1152 **RM-Vladivostok (ILG):** JJ: M tik, mx @ 1156, IS, ID @ 1200 (222 12/30 Cichorek-NJ)
 4810 0300 **R. Yerevan-Yerevan (ILG):** RR: IS, nx on Gorbachev (312 12/24 Trescher-PA) (Findlater-CA)
 4860 2240 **RM: RR: nx or nx feature w/ W host & rpt by M (343 12/7 Johnson-IL) (Prath-FL)**
 4895 0158 **RM: EE: ID @ 0159, M lcl nx, clear ID (242 12/12 Babin-MA) (Prath-FL)**
 4930 0030 **RM (DS2)-Ashkhabad (ILG):** RR: Mayak IS & ID, M tik (333 12/9 Prath-FL)
 4940t 0105 **R. Yakutsk (DS2)-Yakutsk (ILG):** RR: Opera mx until 0115 then M anc (333 12/13 Babin-MA)
 5015 0400 **RM: RR: ID, M/W nx (322 12/30 Prath-FL) (Findlater-CA) (Arkhangelsk or Vladivostok? -ed)**
 5040 0430 **R. Tbilisi (DS1)-Tbilisi (ILG):** RR: W tik & mx: jazz and popular, no ID (322 1/7 Colyard-NJ)
 5910 0200 **RM (DS1)-Moscow (ILG):** RR: IS, ID, M/W dialog (333 12/11 Findlater-CA)
 5925 0910 **R. Tallinn-Tallinn (ILG):** Estonian: mx, W tik, pgm of Latin secular vcl mx to 0959, TP, ID (353 12/30 Quaglieri-NY)
 5940 0530 **R. Magadan (DS1)-Magadan (ILG):** RR: W w/ pop mx (444 12/21 Findlater-CA)
 6045 0200 **RM: EE: ID, W nx (222 12/7 Findlater-CA)**
 6100 1955 **R. Vilnius (DS2)-Kaunas (ILG):** Lithuanian: tango mx, W ID @ 2000, M/W nx, ID, into cmtry (232 12/29 Quaglieri-NY)
 6145 0850 **RM: CC: IS, M tik (333 12/10 Findlater-CA)**
 6175 0530 **RM: EE: IS, ID, DJ w/ countdown of pop mx to #1, W nx @ 0600 (333 12/7 Findlater-CA)**
 6195 0100 **RM: SS: IS, ID "to Americana Latina", M non-stop talk marathon (555 12/9 Findlater-CA)**
 7135 1028 **RM: CC: M/W tik abt mid-east situation, mx bridge, ID @ 1032, into pgm abt Russian mx w/ RR M inserts translated (243 1/8 Westenhaber-QU)**
 7140 0700 **R. Minsk (DS1)-Minsk (ILG):** RR: M/W tik w/ ment of Shevardnadze (333 12/21 Findlater-CA)
 7150 0334 **RM-Lvov (ILG):** EE: tik on reconstruction of socialism (555 12/5 Trescher-PA) (Findlater-CA)
 7170 *2200 **R. Beijing: EE: IS, M ID, wld nx, behind VOA in RR (222 12/28 Matsushita-JP) (Colyard-NJ) (This is a new relay announced on the 12/6 edition of Media Network. Good work guys! -ed)**
 7195 0000 **RM: SS: IS, ID "to America Latina", M nx (444 12/7 Findlater-CA)**
 7205 0900 **RM: CC: IS, ID, W w/ pop mx (555 12/11 Findlater-CA)**
 7210 2015 **R. Khabarovsk (DS1)-Khabarovsk (ILG):** RR: M lcl ID, W leads exercises to piano mx until 2028, || 4610 (444 12/28 Matsushita-JP)
 7260 0730 **RM: EE: ID, W cmtry on problems of Russian farmers, || 7270 (444 12/7 Findlater-CA)**
 7270 0636 **RM: EE: "Science & Technology" (434 1/5 Carson-OK)**
 7370 0200 **RM: EE: ID, W nx, || 7115, 7150 (555 12/7 Findlater-CA)**
 7370 1224 **RM-Khabarovsk: JJ: M w/ freq. anmts, violin mx bridge, ID @ 1230, presumed nx, @ 1300 IS, ID, into EE nx (343 12/26 Cichorek-NJ)**
 7380 0300 **RM: RR: ID, M nx, || 9775 (222 12/8 Findlater-CA)**
 7400 2305 **RV: EE: tik on dangers to the "Nation of Lithuania" (444 12/7 Johnson-IL) (Cichorek-NJ)**
 7400 0029 **RK: EE: W nx, ID, radio linkup w/ WBZ Chicago (544 12/19 Cichorek-NJ) (Findlater-CA)**
 7400 0440 **RM: FF: "Club des auditeurs de R. Moscou Internationale", ID (444 1/6 Westenhaber-QU)**
 9470 2230 **RM: RR: ID, M tik (222 12/7 Findlater-CA)**
 9480 2100 **RM: FF: IS, ID, W tik (222 12/22 Findlater-CA)**
 9490 0600 **RM: FF: IS, M nx (222 12/23 Findlater-CA)**
 9510 0000 **RM: EE: IS, ID, W nx, co-chan Romania underneath (333 12/6 Findlater-CA)**
 9520 2230 **RM: SS: ID, mx pgm including Jingle Bells (333 12/15 Findlater-CA)**
 9525 0730 **RM-Serpukhov (ILG):** RR: continuous M tik, no ID @ 0800 (333 12/18 Findlater-CA)
 9550 2315 **RM: RR: IS, M/W dialog, 2330* (222 12/15 Findlater-CA)**
 9600 1238 **RT-Tashkent (PWBR):** Urdu?: light instr. mx, "Yeh R. Tashkent hay" ID @ 1240 & M/W dialog abt Mideast situation, || 9540 (343 1/8 Westenhaber-QU)

9610 0030 RM: SS: ID, M/W dialog, || 9490, 9520 (333 12/4 Findlater-CA)
 9650 0000 RM: PP: IS, ID, M/W tik, || 12070, 9470 (222 12/22 Findlater-CA)
 9665 2000 RM: SS: IS, ID, W nx (222 12/12 Findlater-CA)
 9685 0000 RM: EE: IS, ID, W nx (333 12/8 Findlater-CA)
 9730 2100 RM: EE: IS, ID, W nx, "News & Views" (222 12/16 Findlater-CA)
 9750 0423 RM: EE: cmtry on situation in Albania, history of the people of Siberia (555 12/6 Lukas-NY)
 9750 2300 RV: EE: ID, M/W tik on ecological situation in Lithuania, || 11690 (444 12/17 Findlater-CA)
 9765 0115 RM: EE: "Top Priority" - tik on future of Soviet republics (554 12/12 Fraser-MA) (Carson-OK)
 9765 0424 RM: FF: pgm on mx by Boris Pasternak, || 9750, 9685, 7400 (433 1/8 Westenhaver-QU)
 9775 1900 RM: RR: IS, ID, M tik (333 12/24 Findlater-CA)
 9780 1800 RM: RR: M nx, no ID @ 1800, ment of Gorbachev (333 12/23 Findlater-CA)
 9785 0700 RM: RR: IS, W nx, no clear ID but ment of Gorbachev/Moscow (222 11/29 Findlater-CA)
 9795 0741 RM: EE: tik on union treaty (444 12/30 Carson-OK) (Findlater-CA)
 9820 0800 RM: RR: IS, ID, M tik, semi-classical mx (222 12/18 Findlater-CA)
 9825 0700 RM: EE: ID, W nx, || 9795 (555 11/29 Findlater-CA)
 9860 2215 RM: EE: tik on Soviet trade w/ China & S. Korea (555 12/28 Maier-NY)
 9890 2100 RM: RR: ID, M tik (222 12/9 Findlater-CA)
 9895 0800 RM: RR: IS, M/W dialog, poor (222 12/10 Findlater-CA)
 11600 0600 RM: RR: IS, M tik, USB (444 12/12 Findlater-CA)
 11655 0800 RM: RR: IS, ID, continuous pop mx w/ intermittent ancmnts, 0930* (333 12/18 Findlater-CA)
 11685 2000 RM: EE: ID, W nx (333 12/5 Findlater-CA)
 11705 0930 RM: EE: W nx (222 12/8 Findlater-CA)
 11710 0313 RM: EE: nx on Soviet space research, "Vasily's Weekend" (433 1/7 Carson-OK)
 11750 0700 RM: RR: IS, M/W dialog (333 12/12 Findlater-CA)
 11765 0900 RM: EE: IS, ID, M nx (444 12/18 Findlater-CA)
 11775 0800 RM: CC: IS, W tik (333 12/18 Findlater-CA)
 11850 2000 R. Havana, Cuba: EE: ID, cmtry on life in Cuba today, latino mx (333 12/24 Findlater-CA)
 (John, are you sure this is being relayed via USSR? - ed)
 11890 0945 RM: RR: IS, ID, M tik (222 12/8 Findlater-CA)
 11920 0900 RM: EE: ID, "News & Views" (333 12/14 Findlater-CA)
 11950 1439 R. Alma Ata (DS1)-Alma Ata (ILG): RR: Accordion mx, ID & IS @ 1500, into M nx, || 9780 (221 1/1 Colyard-NJ) (Findlater-CA)
 11975 0150 RM: EE: IS, ID, M cmtry, 0200* (333 12/3 Findlater-CA)
 12020 1450 RM: FF: M tik w/ mx mixed in, IS, ID @ 1500, into nx (323 12/7 Roupe-WV) (Findlater-CA)
 12040 0000 RM: SS: IS, ID, M nx (333 12/8 Findlater-CA)
 12045 0145 RM: EE: ID, W ancw w/ class. mx by Russian composers (555 12/4 Findlater-CA)
 12050 0300 RM-Petropavlovsk (ILG): EE: IS, ID, wid nx (312 12/20 Trescher-PA)
 12070 0300 RM (DS1)-Vladivostok (ILG): RR: ID, M/W dialog (333 12/8 Findlater-CA)
 15175 0900 RM: EE: ID, M cmtry on Hussein's release of hostages (222 12/8 Findlater-CA)
 15180 0014 RK-Komsomolsk (ILG): EE: ID, tik abt trade unions, "Ukraine Today" (433 12/30 Cichorek-NJ)
 15180 2301 RV-Komsomolsk (ILG): EE: nx on independence movement (333 12/29 Hart-MN) (Langlois-FL)
 15180 2334 R. Minsk-Komsomolsk (ILG): Byelorussian: tik w/ ment of "republic", mx (434 1/6 Carson-OK)
 15210 0740 RM: RR: ID, M w/ pop mx pgm (333 11/29 Findlater-CA)
 15285 0400 RM: CC: ID, M/W dialog, || 15375, 15520, 15545, 15595 (333 11/27 Findlater-CA)
 15420 0200 RM: EE: IS, ID, M nx (333 12/10 Findlater-CA)
 15425 0300 RM-Petropavlovsk (ILG): EE: ID, Vladimir Posner answers questions (555 12/8 Findlater-CA)
 15465 1300 RM (DS2): RR: "Mayak" IS, ID, M nx (242 12/8 Prath-FL)
 15470 1217 RT-Tashkent (ILG): EE: interview w/ US doctor, ID @ 1226, 1228* (323 12/30 Cichorek-NJ)
 15475 1732 RM: EE: mailbag pgm, discussion on economics & sports (333 12/22 Carson-OK)
 15480 1310 RM: EE: end of nx, "Solid Gold Countdown" (333 12/8 Prath-FL)
 15520 0400 RM: CC: ID, W tik, || 15275, 15545, 15595 (333 12/8 Findlater-CA)
 15530 1454 RM: AA: AA mx pgm, ID @ 1500, into nx (343 12/20 Carson-OK)
 17570 0400 RM-Khabarovsk (ILG): EE: ID, M cmtry on role of UN in Gulf crisis (444 12/9 Findlater-CA)
 17590 0200 RM: EE: ID, W w/ class. choral mx, || 17570, 17610 (444 12/8 Findlater-CA)
 17645 0000 RM-Komsomolsk (ILG): RR: IS, ID, M ancw w/ pop mx pgm (444 12/8 Findlater-CA)
 17665 0000 RM: EE: IS, ID, W nx (555 11/28 Findlater-CA)
 17690 2311 RV-Petropavlovsk (ILG): EE: "Letterbox", || 15180 (444 12/18 Brewer-KS)
 17700 0220 RM: EE: mailbag pgm, "Top Priority" (232 1/7 Carson-OK) (Findlater-CA)
 17720 2300 RV: EE: s/on w/ christmas eve pgm, tik abt christianity in Lithuania (232 12/24 Prath-FL)
 17720 0005 RK: EE: ID, Gorbachev's new years msg, "Ukraine Today" (433 1/1 Brown-IL) (Levison-PA)
 17790 0930 RM: EE: M cmtry on Gulf crisis (444 12/10 Langlois-FL)
 17810 0730 RM: EE: ID, interview of Russian official on 30th anniversary of the Worldwide Friendship Pact (333 11/29 Findlater-CA)
 17840 1410 RM: EE: main points of nx, ID, into "Science & Engineering" (232 12/29 Cichorek-NJ)
 17880 1347 RM: EE: wid svc ID, jazz mx (444 12/23 Cichorek-NJ)
 21450 1432 RM: EE: nx on Asia/Pacific/Persian Gulf (333 12/7 Roupe-WV)
 21615 1300 RM: Indonesian: ID, M nx, || 17775, 17560 (322 12/29 Prath-FL)
 21690 2350 RM-Vladivostok (ILG): EE: mx pgm, ID @ 2358 (333 12/16 Brewer-KS) (Findlater-CA)
 21790 0300 RM-Chita (ILG): EE: ID, W nx (444 12/9 Findlater-CA)

Relays

Havana, Cuba: 4765, 6000, 11840

Schedules

RM Canadian Service in FF

0300-0500: 7400, 9685, 9750, 9765

[B. Westenhaver]

Radio Moscow World Service (1/12/91)

kHz	UTC																							
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[Ed. note: 11840 & 6000 are probably via Havana, 7115 via Plovdiv]
 [T. Sundstrom via Pinelands BBS]

Additional NA service Frequencies (2300-0800): 12010, 11710, 9895, 9825, 9795, 9505, 7345, 7270, 7260, 5905
 [Direct via E. Cichorek]

All I can say is **wow** - 162 logs! Thanks for your tremendous support! RM has revamped their external service schedule as of 1/1/91. Please send in any new service/program changes you observe. Let us all hope for a quick end to the violence in the Baltics and the Persian Gulf. See you next time... -Jason



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

(Dates/Times in UTC - Freq. in kHz - Deadline the 12th)

Here it's only February, and already 1991 has taught me many lessons. For instance, you can't direct-dial Somalia. In fact, no matter how many operators you go through (I gave up after the third one, the woman in Nairobi), if they say the country is cut off, they really mean it. I could also go on about the difficulty of making a guest's bail on New Years Day, but there are too many fine loggings here to justify that.

ALGERIA

9535 1920 RTV Algerienne: FF/SS: Rock & pop mx, W in FF, then change to SS @2000 (444 12/17 Johnson-IL) Pop mx w/M ancr (333 12/15 Findlater-CA)

ASCENSION ISLAND

9600 0522 BBC: EE: "24 Hours"- Report on China's view of gulf crisis, new Soviet VP (333 12/26 Brown-IL)
11750 0157 BBC: EE: ID, nx (444 12/21 Babin-MA) [Welcome aboard, Robert!- ed.] Prg notes, ID, "Country Style"- Waylon Jennings (433 12/11 Brown-IL)
15260 0145 BBC: EE: Jazz mx- Armstrong, Gillespe (333 12/21 Brown-IL)
15400 0510 BBC: EE: Discussion of biological weapons- US & Israeli response (444 12/28 Brown-IL)
21660 1808 BBC: EE: Riots in Morocco, Brazilian "rain forest" trial, Romanian opposition (444 12/16 Cichorek-NJ)

BENIN

4870 0550 ORT du Benin: FF: African mx, W w/nx, no ID on the hour (343 12/12 Willers-SWITZ) M DJ w/pop mx- poor (222 12/26 Findlater-CA) @2155 Pop vocals, rap-type song, @2159 M w/quick ID (322 12/21 Cichorek-NJ) Country mx incl Dolly Parton [they probably couldn't find "Whiter Shade of Pale" that day- ed.] then M w/anmt, s/off routine & NA, 2300* (343 12/7 Johnson-IL)

BOTSWANA

4830 0310 R. Botswana: VN: M ancr w/Xmas tunes (332 12/25 Johnson-IL)
7255 0305 R. Botswana: VN: Rlg singing by choir (444 12/22 Babin-MA)

BURKINA FASO

4815 0205* RTV Burkina: FF: S/off by W, then into NA (221 1/1 Bishop-NY) M & W ancres discussing proposed agricultural changes (322 12/9 Babin-MA) @0600 Afro mx, lots of drums (333 12/26 Findlater-CA) Hilife mx (343 12/23 Johnson-IL) M w/lively African mx (232 12/6 Willers-SWITZ)

CAMEROON

4750 0051 CRTV-Bertoua: FF: Lively hilife, lots of tik w/TC's, freq ments of Cameroon & Bertoua, on late for New Years, 0110* (252 1/1 D'Angelo-PA) Self-serving account of Pres. Bia's efforts to solve economic crisis, call for sacrifices- in EE to 2132, then FF, party to 0115 (353 12/31 George-MA)
4850 2029 CRTV-Yaounde: FF: Govt budget crisis, ID (433 12/12 Babin-MA) All-nite New Years show in FF/EE (343 12/31 George-MA) Jazz mx (444 12/11 Johnson-IL) M & W w/African mx (332 12/12 Willers-SWITZ) Drama w/desperate sounding M [or was that Pres. Bia again?- ed.] (333 12/14 Cichorek NJ) @0532 Xmas service w/choir (454 12/25 D'Angelo-PA)
5010 0500 CRTV-Garoua: FF/EE: "Ici Garoua", CRTV theme mx, nx in EE (242 12/17 George-MA) Pop mx (323 12/18 Johnson-IL)

CENTRAL AFRICAN REPUBLIC

5034.4 2225 RTV Centrafricaine: FF: M ancr w/African mx (342 12/15 Willers-SWITZ) W tik (333 12/11 Karcheski-MA)

CHAD

- 4904.5 0505 RN Tchadienne: FF: ANO-style mx, fast-talking M ancr, more mx- "La Bella", "Angels We Have Heard on High" (333 12/24 Brown-IL) Freqs, tlk & local mx (444 12/4 Willers-SWITZ)
- 5286.3 0503 R. Moundou: FF: Ancr wishes listeners "bonne annee a tout le monde", happy New Year to all, into hilife (222 12/31 George-MA) [great catch, Steve!]

CONGO

- 4765 *0355 RTV Congolaise: FF: IS, M w/ID, s/on anmts & freq @.0357 followed by nice hilife- USSR via Cuba on 4760 this night (353 12/13 D'Angelo-PA) @2330 Hilife, many ments "Congolaise" (no date Findlater-CA) Ballads, some LA rythmns (Be careful ID'ing this one- I've often heard LA mx here- I always wait for an ID) [sound advice, Tim- ed.] (444 12/18 Johnson-IL) @2200 in EE- ID "...Congo, (shrt) broadcasting from Brazzaville", nx, off 2208 (333 12/25 George-MA) M w/nx- mismanagement in govt, @2216 ID "VO Congolese Revolution, into FF (333 12/21 Cichorek-NJ)

EGYPT

- 9475 0300 R. Cairo: EE: Eleventh congress meets in Cairo, the play "Texas Flowers" is being put on (333 12/11 Brown-IL)
- 9900 0300 R. Cairo: ??: ID, nx by M & W (555 12/7 Findlater-CA)
- 9950 2300 R. Cairo: AA: Chanting, AA mx to 0030*- poor (222 12/20 Findlater-CA)
- 12050 2100 R. Cairo: AA: IS, nx broadcast- ment. Iraq, Mubarak, Arabia, Kuwait (555 12/20 Trescher-PA)

EQUATORIAL GUINEA

- 4925.9 2200* RN de Guinea Ecuatorial-Bata: SS: S/off anmts, long NA, not //5003.5 (222 1/1 Thornton-NJ)

ETHIOPIA

- 9706.4 1748 VO Ethiopia(t): Amharic?: Very weak w/local mx, traces of M speech- low mod (222 1/1 Quaglieri-NY)

GABON

- 9580 0620 ANO: FF: Afropops w/W DJ, a couple of ID's in passing in her chat, @0630 into M mx (343 1/6 Westenhaver-PQ) @1934 hilife mx, ID by M @1956, freq anmts, drums & percussion (434 12/28 Cichorek-NJ) Xmas mx, nx w/ments of Israel, Arabia (555 12/26 Trescher-PA)
- 9790 0600 RFI: FF: ID, nx by M (333 12/7 Findlater-CA)
- 15475 1710 ANO: FF: Two M w/discussion of Gabon & Cameroon- R. Moscow over @1729 (222 12/31 Reese-DE) [Thanks for contributing, Orla!- ed.] Brief EE nx, then FF anmts, African mx (343 12/7 Seymour-NC)

GHANA

- 3366 1750 GBC-2: EE: M & W w/local nx, African mx (332 12/4 Willers-SWITZ) Native mx selections, ID, music titles (232 12/19 Babin-MA)
- 4915 2120 GBC-1: M w/cmtry (the football games were blowouts) (342 1/1 Reese-DE) Afro vocals, W w/ID @2145 "it's 9:45 on R.One", rlg vocal (343 12/30 Cichorek-NJ) @0557 Afro mx, pips, "This is the Ghana BC Corp", into nx by M & W (333 12/6 Willers-SWITZ) M w/nx- poor (222 12/23 Findlater-CA)

GUINEA

- 4899.6 0611 RTV Guineene(p): FF: M anmts, traditional African rythms- drums & vocals- heard very weak & under UTE QRM (221 12/7 Johnson-IL) [can anyone confirm this reactivation?- ed.]

KENYA

- 4935 2030 VO Kenya: EE: Pop mx, M w/phone # for "Happy New Years" contest, freq anmts, @2100 NA (333 12/26 Cichorek/Thornton-NJ) @0155 IS, W/w ID "This is KBC, the Kenyan BC Corp, Nairobi", pip & TC, choral NA, freq sked, "Twinkle, Twinkle, Little Star" on organ (353 12/24 Johnson-IL)
- 15250 0355 VO Kenya: SH?: Mx, IS, M tlk, ID, W or young boy singing (323 12/9 Wolfson-OH)

LESOTHO

3255 0330 BBC: EE: ID, cmtry on Liberia. (222 12/16 Findlater-CA)
 4800 2107 LNBS: Sets: Lively American R & B/dance mx, freq anmt @2115
 (222 12/21 Thornton-NJ)

LIBERIA

6035 0520 VOA: EE: VOA Sunday Morning, on NASA's troubles including
 Hubble telescope (454 12/15 Brewer-KS)
 6135 0547 VOA: EE: Interview with cookbook author, ID, report on the
 Holiday Project (333 12/24 Brown-IL)
 6180 0500 VOA: HA: ID, M w/nx (444 12/28 Findlater-CA)
 7275 0759 ELBC: EE: NA to 0801 rambling speech about national
 reconciliation, @ 0808 M w/"This is ELBC", PSA's about Red
 Cross, 0815 TC into prg of lite mx- QRM de spur of WHRI,
 Korea fading in by 0822 (333 12/30 Quaglieri-NY)

LIBYA

9500 2145 R. Jamahiriya: AA: AA mx & vocals, much chanting and long
 speeches, off 2357 w/ments of Tripoli, one minute of
 continuous recitation of "Libya" (444 11/26 Findlater-CA)

MADAGASCAR

15570 2000 RN: FF: M interviews W, 2025* (555 12/9 Findlater-CA)

MALI

4834.3 0621 RTV Malienne: VN: Local mx, very long & excited tlk by M &
 W, ments of Mali (444 12/6 Willers-SWITZ) Qu'ran
 recitation (232 12/7 Johnson-IL)
 9635 0659 RTV Malienne: FF: IS, @0700 lo-budget band NA, M ID/
 greetings/freqs/pgms, @0703 more martial mx, QRM de
 BBC/9640, //7285.4 good (and still hrd at 0830), 11960
 inaudible (322 12/30 Quaglieri-NY)
 11715 0051 RE: EE: Cmtry on peanuts (444 12/26 Levison-PA) Chemical
 industry in China (444 12/14 Langlois-FL) Press Clippings,
 Travel Talk, Chinese Cooking (515 12/23 Wolfson-OH)
 Cambodian sunnit in Paris (333 12/15 Cichorek-NJ)
 11790 *2300 RE: SS: IS, ID in CC/SS, then W w/pgm preview, Beijing wx,
 nx (333 1/2 Westenhaver-PQ)

MAURITANIA

4845 2030 RTV Mauritanie: AA: Long tlk by three people (353 12/12
 Willers-SWITZ) @0640 on 4848.1 The Great Wanderer is at it
 again- Vocal mx w/simple drum (343 12/16 Johnson-IL)

MOROCCO

15330 2020 RTV Marocaine: AA: M w/rapid-fire tlk, chanting type mx,
 weak //15335 (222 12/6 Findlater-CA)
 15325 2320 RTV Marocaine: AA: Ments of Arabia, Mohammed, Iraq, Iran,
 Arabic (423 12/3 Trescher-PA)

NIGER

5020 0535 LV du Sahel: FF: African mx w/drums (232 12/18 Babin-MA)
 African mx- no ID heard (242 12/6 Seymour-NC) Nx read by
 M, ID as "la Voix du Sahel" (444 12/6 Willers-SWITZ)

NIGERIA

4770 2145 RN-Kaduna: EE: Tlk w/local band leader, @2150 ID "R.
 Nigeria EE Svc" (434 12/12 Babin-MA) Nx- Rwandan rebels,
 Xmas in Nigeria (343 12/25 Johnson-IL) Interview w/M on
 future of Nigeria, pop mx (322 12/21 Cichorek-NJ)
 6050 0547 RN-Ibadan: EE: M w/ments of "Election tomorrow", hilife,
 heard til RCI came on @0555 (322 12/7 Johnson-IL)
 7255 0453 VON: EE: Xmas eve bcst, special pgm w/hymns (332 12/23
 Hart-MN) [Thanks for joining us, Gerald!- ed.] Drum IS,
 good morning ID, requests & letters (333 12/15 Brown-IL)
 Lady reads the nx [I think I caught that on cable a few
 months back- ed.] lots of QRM (422 212/11 Willers-SWITZ)

SEYCHELLES

6005 2030 BBC: EE: ID, game show "Hoax" (342 12/16 Fraser-MA)
 9630 2026 BBC: EE: Xmas story, carols- 2030* (555 12/16 Trescher-PA)

11865 1355 FEBA: [Kannada per WRTH]: W singing w/mx. ID @1358, IS, 1400* (322 12/9 Wolfson-OH)

15150 *1206 FEBA: TB: IS, M w/ID, rlg tlk (343 12/26 Matsushita-JP)

15420 0405 BBC: EE: Baker willing to go to Iraq (333 12/20 Brown-IL)

17885 0435 BBC: FF: ID, M & W tlk (222 12/26 Findlater-CA)

SIERRA LEONE

3316 2224 SLBS: EE: Mx in VN, ID "This is SLBS", sermonette, freqs, band NA @2230* (343 12/12 Karcheski-MA) @2124 in FF: Jazz, EE used in titles, otherwise FF (222 12/11 Babin-MA)

SOUTH AFRICA

3215 0320 R. Orange: AK/EE: Pop mx, ads (343 11/30 Bagozzi-CA)

7270 0358 R. RSA: EE: IS, nx (243 11/29 Watts-KY) [Welcome, J.C.!]

7285 0500 SABC: EE: M w/nx, Xmas mx (333 12/24 Findlater-CA)

11910 0355 R. RSA: EE: ID, nx- ANC rejects offer (222 12/30 Brown-IL)

15270 1630 R. RSA: EE: Mx, listners letters (322 1/3 Bagozzi-CA)

15365 0300 R. RSA: FF: IS, FF/EE ID (343 12/10 Johnson-IL)

17745 1756 R. RSA: FF: IS, s/on, nx //15365 (434 12/15 Cichorek-NJ)

17790 1737 R. RSA: EE: ID, pgm "Goodwill, Now on Our Way", Afro hits, nx in brief (343 12/26 Cichorek-NJ)

17815 0400 R. RSA: Ff: Xmas pgm w/songs including "Silent Night" in EE (353 12/24 Lukas-NY)

SWAZILAND

9640 0259 TWR: EE/SH: IS, EE ID, into new lang [Swahili- ed.] (333 12/27 Brown-IL)

15210 1834 TWR: EE: Rlg tlk by W, Bible readings, vocals, @1844 ID w/Manzini QTH- QRM de WYRF-15215 (322 12/15 Cichorek-NJ)

TANZANIA

4785 0620 RT: SH: Long slow tlk w/two M, local mx, no ID (432 12/12 Willers-SWITZ)

TOGO

5046.7 0549 RTV Togolaise: FF: African mx, nx (443 12/7 Willers-SWITZ)

TUNISIA

7475 0501 Nx by M w/ID @0505 & 0511, then into pgm of M tlk after strange theme mx- sort of "Route 66"ish jazz w/bird calls over- slight QSB but strong signal (444 1/6 Westenhaver-PQ) MX, nx @2200 (444 11/27 Watts-KY)

UGANDA

4976 2055 RU: EE: Pop mx, TC for midnight, NA, 2100* //5026- usually 5026 has a different pgm (243 12/29 George-MA) Faint audio, chorus & vocals, @2059 M w/pres ID, brief NA to 2100* (vy wk 12/23 Cichorek-NJ) @0350 in VN M & W tlk- just audible (vy pr 12/25 Johnson-IL)

5026 1901 RU: EE: M w/nx, Uganda heard a lot (242 12/14 Willers-SWZ)

ZAMBIA

4910 1846 RZ: EE: Fast talking DJ, mx by the Beegees (322 12/14 Willers-SWITZ) @0400 in VN: Nx, weak & some QRM but still there (232 12/23 Johnson-IL)

CLANDESTINES/UNID

4969.9 0618 PP: Romantic Pp ballads, peppy, high-pitched W DJ- extremely weak, no ID heard- Cabinda, maybe? (252 12/30 Quaglieri-NY)

11710 1339 R. SPLA(p): AA: Chanting, M tlk in AA, ments Sudan & Mubarik, @1348 vocals, more tlk (322 12/15 Cichorek-NJ)

DX news: RTV Congolaise is reported to be on the following schedule: 0700-1100 on 7105 and 9610, 1100-1700 on 11710, and 1700-2400 on 4765 (Glen Hauser, RCI's SWL Digest, via Al Quaglieri). **Abbreviations:** If you see a language listed in the loggings, and can't decipher the abbreviation, you can find it listed in the October '87 issue of SPEEDX. If you don't happen to have that one handy, drop me a line, and I'll be happy to send you a copy. Thanks for another great turnout- I'll see you in March.



ASIA/OCEANIA

William Westenhaber
3525 Aylmer St., #610
Montreal, Quebec, Canada
H2X 2C1

Deadline: 12th
Dates/Times: UTC
Frequencies: KHz

I'm typing this February column less than 48 hours after the outbreak of the war against Iraq. Listening to shortwave stations from the region, and to the other international broadcasters, should give us an idea as to whether or not, as the old saying goes, "truth is the first casualty of war."

AFGHANISTAN

Radio Afghanistan

4975 1300 RA: ??: W/M tlk and exotic mx; ID sounded like "Radee-u Afghanistan"; //4740 (343 12/25 Johnson-IL) (The 1991 WRTH lists 4740 as being via a xmtr in the USSR.-ed.)

AUSTRALIA

VLM Brisbane VLW Wanneroo Radio Australia

2310 1044 VL8A ALICE SPRINGS: EE: Live Australia-NZ cricket match from Melbourne (also carried on VLM4); //2325 was almost as strong; //2485 was barely audible (232 1/13 ed.-DX)
4920 1155 VLM4: EE: Pop mx px w/w ancr (333 12/11 Reese-DE) @ 0842 w/pop mx incl "tortured version of "Runaway" by an American soul artist who deserves anonymity in this case" (322 1/6 Wakefield)
6140 1227 VLW6: EE: "Music in the Air" px of old show tunes (343 12/29 Reese-DE) @ 1302 w/w anmt; then Aussie country mx; could just make out //9610 under co-chan CC stn (232 1/13 ed.-DX)
9610 0900 VLW9: EE: ID; M nx (333 12/3 Findlater-CA) @ 1843 w/mx from Allman Brothers' "Filmore East" album ("How's that for nostalgia?"); ABC concert promo; ID (fair 12/29 Famularo-JAPAN)

Listing the RA frqs reported this month (again!), we find (in EE unless otherwise noted): 6080 by Carson-OK; 7135 in VV by Cichorek-NJ; 7240 by Famularo-JAPAN; 9580 by Fraser-MA, Gaharan-LA, Johnson-IL, Neff-FL, Trescher-PA; 9760 and 9770 by Carson-OK. (Lukas-NY also had 9770 in VV); 11720 by Carson-OK, Cichorek-NJ; 13605 by Neff-FL, Seymour-NC, ed.; 13745 by Cichorek-NJ; 15160 by Findlater-CA; 15380 in THAI by ed.; 15530 by Brown-IL, Findlater-CA, Levison-PA; 17795 by Brown-IL, Langlois-FL; 17855nf (to 0755*) by Famularo-JAPAN; 21740 by Brewer-KB.

BANGLADESH

Radio Bangladesh

4880 1218 RB: BENGALI: 2 M discussion to 1229; Strings/drum IS; ID @ 1230; nx to 1236; then lcl mx (242 12/26 D'Angelo-PA)
15607.1nf1235 RB: EE: Nx; GOS of RB ID; W intro to listeners' letters w/ Xmas greetings; lcl mx (fr-gd 12/21 Famularo-JAPAN)

CHINA

Central People's Best Stn Radio Beijing

3280 1150 VO PUJIANG: CC: Lol inst mx; @ 1200 ID and M nx; fade-out 1218 (252 12/6 D'Angelo-PA) @ 1109 w/w hosting px of EZL mx; M ID's; //4950 was stronger/cleaner (332 12/13 Reese-DE)
4883 1156 RB: MONGOLIAN?: OM vocals; brief M anmt; @ 1200 RB IS/ID; w/M nx; into mx @ 1206; DSWCI lists lang as Mongolian (252 12/13 D'Angelo-PA)
4905 2330 (t)CPBS-1: CC: M/W tlks; lasted only a few mins before fade-out (232 12/25 Prath-FL)
4940 2130 VO THE STRAIT: CC: M ID/TC; W chorus; W ID @ 2140; co-chan QRM de Yakut R. (333 12/28 Matsushita-JAPAN)
4990 1136 HUNAN PBS: CC: M hosting px of US EZL mx (222 12/14 Reese-DE)
5060 1210 XINJIANG PBS: KIRGHIZ?: Mx; then tlk in (p) Kirghiz; //4980 (232 12/6 Roupe-WV)
5145 1200 RB: CC: IS/ID @ 1200; M/W nx...fade @ 1235 (232 12/6 Roupe-WV)
5320 2200 CPBS-1: CC: 5+1 TP; into (p) nx by M; //4460, 4905 (433 12/5 Thornton-NJ)

More China...) 33

CHINA continued...

9655 *1200 RB: CC: S/on w/IS/ID; W nx (252 12/26 Fraser-MA)
111000 1215 (t)TAIWAN-1: CC: M/W tlks; mx; (t) ID; //15710 (232 12/29 Prath-FL)
11445 2320 RB: SS: W tlk; classical mx (333 12/3 Johnson-IL)
15420 0130 RB: SS: ID; W w/px of Oriental mx (222 12/10 Findlater-CA)
15500 0113 RB: CC: W singing/speaking; M singing; ID @ 0123; M tlk; more mx (323 12/23 Wolfson-OH)

CYPRUS

BBC WS relay

6180 2100 BBC: EE: ID; nx headlines; sports rpt (555 12/13 Trescher-PA) @ 0610 w/"Newsdesk" (333 12/29 Brown-IL)

FRENCH POLYNESIA

RFO Tahiti

6135 0800 RFO: FF/TAHITIAN: Tlks/lcl island mx (222 12/6 Findlater-CA)
15170.8 0330 RFO: FF/TAHITIAN: Beautiful Polynesian mx; anmts in both langs (444 12/16 Babin-MA) (Welcome to the column, Robert!-ed.) @ 0630 w/similar px (433 12/6 Seymour-NC)

GUAM

KSDA KTWR

11980 1619 KSDA: EE: Rlg drama in progress; @ 1622 ID/address (POB 310, Hong Kong) (222 12/26 Cichorek-NJ) @ 1558 w/promo/ad for Adventist hospitals in Thailand/Taiwan; ID/frq/callsign: @ 1600 into px of Micronesia nx (243 1/12 ed.-DX)
15485 2330 KTWR: CC: ID; M tlk; hymns; 2345* (222 12/11 Findlater-CA)
15610 0050 KSDA: EE/BURMESE: "Voice of Prophecy" px; Burmese/EE ID's; @ 0100 into Burmese px (gd 12/15 Famularo-JAPAN)

INDIA

All India Radio

3315 1302 AIR BHOPAL: ??: Exotic Indian-type mx; no ID hrd so make this (t) (242 12/4 Johnson-IL)
4960 1201 AIR DELHI: HINDI: Mx px; some ute QRM (221 12/28 Reese-DE)
7412 2212 AIR: EE: W sports nx; then interview px "Our Guest" (444 12/25 Johnson-IL)
11620 1990 AIR: EE: World nx; tlks abt S. Africa/Sri Lanka (323 1/1 Hart-MN) (Welcome to the column, Gerald!-ed.) @ 2200 w/nx that Indian citizens can now leave Iraq (454 1/6 Washburn-ME) (Also logged by Cichorek-NJ, Gaharan-IA, Janusz-NJ)
15020 1315 AIR: SINHALA: Tlk mixed w/subcontinent mx; fair sig but polar flutter (332 12/6 Roupe-WV)
15120 0240 AIR: EE: ID; W/M nx; //9610, 11830 (222 12/3 Findlater-CA) @ 0245 w/W nx ment "funding for AIR"; abruptly off 0250* (343 12/12 Johnson-IL)

INDONESIA

Radio Republik Indonesia

4719.3 1143 RRI UJUNG PANDANG: IN: M/W tlk followed by nice mx; still audible @ 1245 (332 12/6 Roupe-WV) @ 1337 w/M reading text w/ments "Pandang"; thenslow mx (332 12/23 Johnson-IL)
4789.6 1328 (p)RRI FAK FAK: IN: End of possible radio play (M/W w/soft organ mx bridges) @ 1331 EZL mx w/M anor till 1354 fade-out (232 12/8 Johnson-IL)

IRAN

Voice of the Islamic Republic of Iran

9022 1948 VOIRI: EE: ID; cmtly asking "Who will be the victim of war?" (222 12/16 Cichorek-NJ) @ 2050 in SS w/nx of Iran/US (422 12/27 Trescher-PA) @ 2124 w/tlk abt new magazine abt Iran; ID/sked (444 1/12 ed.-DX)
15084 0402 VOIRI: FARSI: M tlk; then Qur'an (444 12/7 Reeves-OR)

IRAQ

Radio Baghdad "Voice of Peace"

11830 0245 RB: EE: W w/variety of propaganda; AA mx; ID (433 12/25 Prath-FL) @ 0300 w/Mideast mx; ID's (322 12/25 Brown-IL) (Close enough to be psychic, almost!-ed.)
11860 2149 VOP: EE: Pop mx; ID; propaganda messages to military (444 12/20 Cichorek-NJ) @ 1232 w/rock vcls; cmtly by Iraqi Defence Minister; ID's (333 12/25 D'Angelo-PA) @ 2206 w/EE pops/ID's (433 12/7 Johnson-IL)
11860 0257 RB: EE: AA vocal; @ 0302 ID and cmtly comparing war w/Iraq w/ war in Vietnam--look for a new generation of traumatized US veterans!; not on 11830, this night before the war broke out (343 1/16 ed.)

(The last of Iraq overleaf....)

IRAQ continued...

11830 2114 RB: EE: Western vocals; @ 2115 ID/listeners' letters (322 12/16 Cichorek-NJ) @ 2146 w/ID's; Mideast/EE songs (343 12/15 Neff-FL) @ 2200 w/ID; message that "Iraq is ready for war" (333 1/16 Thornton-NJ) (The air attacks came just after....)

ISRAEL

Kol Israel

7465 *0200 KI: EE: Nx; "Calling All Listeners"--Finnish tourist was told not to postpone his trip, since all Israeli hotels have gas masks! (444 12/31 Fisher-MA) @ 0512 w/nx (343 12/26 Brown-IL)

9435 0505 KI: EE: Nx--Man in Britain bites Doberman, draws blood, goes to jail! (344 12/8 Fischer-WI) (Also logged in EE by Bishop-NY, Carson-OK, Johnson-IL, Trescher-PA, and in SS by Findlater-CA)

11605 0116 KI: EE: Tlk abt rationing of water during this dry winter (433 12/31 Hart-MN) (Also logged by Brown-IL, Fraser-MA, Langlois-FL)

13750.3 1700 RESHET BET: HH: ID: tlk (nx?); phone-in px (323 12/26 Cichorek)

17575 1530 KI: FARSI: IS/s/on anmts; then nx; heavy QRM de co-chan R. Netherlands (222 12/20 Carson-OK)

JAPAN

Radio Tanpa Radio Japan RCI relay

3925 1341 RT: JJ: Light tlk by M/W; rock song "Happy New Year"; ID @ 1405 (222 1/2 Carson-OK)

6055 1239 RT: JJ: W giggly tlk; M ad; more W tlk; semi-classical vocal; //3925, 9595 were both in, but weaker (243 1/13 ed.-DX) @ 0745 w/group dialogue; //6115 on this occasion (444 12/5 Findlater-CA)

9505 1512 RJ: EE: Tlk on Japanese economy; QRM de Havana (322 12/6 Houpe-WV) @ 1508 w/nx (333 12/5 Johnson-IL)

9760 2330 RT: JJ: Variety fare (many Beatles numbers); this is RT's 2nd px (555 12/28 Matsushita-JAPAN)

11705 2215 RCI: EE: Mx by Stompin' Tom Connors from Skinner's Pond, PEI ("I've been there--it's even smaller than Perry, ME") (343 12/9 Washburn-ME) (Charlie, who lives in North Perry--G.C. 67.06W/45.02N--figures he's "the easternmost DXer in the USA.)

JORDAN

Radio Jordan

9560 1450 RJ: EE: Disco mx w/W chatter (444 12/29 Reese-DE) @ 1500 w/W ID/px sked (343 12/23 Cichorek-NJ) @ 1652 w/baroque mx; @ 1700 ID/TC for 7 PM; then nx (333 1/4 ed.)

11955 0730 RJ: AA: M tlks; AA mx/vols...0830* (SIO/date? Findlater-CA)

13655 1320 RJ: EE: Classical mx px; weak // on 9560 (433 12/23 Johnson-IL) (That's something new, Tim, since they aren't supposed to be on both frqs at the same time, per 1991 WRTH.-ed.)

KOREA, D. P. R.

Radio Pyongyang

6576 2015 RP: EE: Tlk abt equality of all in DPRK society (433 12/27 Washburn-ME) @ 1140 w/trlk abt Pyongyang spring cabbage grown in hothouses (344 1/13 ed.-DX)

7580 *0900 RP: JJ: S/on routine w/ID/anthem; //6560 (333 12/15 Findlater-CA) @ 1208 w/their patented Stalinist choral mx w/M host; //6540.3, 6560 (333 1/13 ed.-DX)

9385 1310 RP: EE: Tlk abt DPRK-Japan relations (322 12/23 Cichorek-NJ)

9977 1108 RP: EE: Tlk abt DPRK-Nepal relations (333 12/16 Hart-MN)

13650 2315 RP: EE: Long (really long) (really, incredibly long) cmty on southern obstacles to reunification (444 1/6 Wakefield-IA) (Also logged by Brown-IL, Johnson-IL, Prath-FL, ed.-DX)

KOREA, REPUBLIC OF

Radio Korea

7275 *0800 RK: JJ: RK's opening theme mx; W anmt w/"Kochirawa..." ID; Theme mx again and more W tlk--nx? (232 1/13 ed.-DX)

15575 0011 RK: EE: Tlk abt opening of Samsung electronics factory in Turkey (SIO? 12/30 Rager-NJ) (Welcome to the column!-ed.) (Also logged in EE by Brown-IL, Carson-OK, Findlater-CA, Wakefield-IA, ed.; and in SS by Bishop-NY.)

LEBANON

King of Hope

6279.3 2129 KOH: EE: ID; "Insight for Living" @ 2157 ID/s/off routine w/ Lebanese NA; 2159* (322 12/31 Colyard-NJ) @2148 on 6279.2 w/canned Old Testament sermon (232 1/1 Thornton-NJ) @ 2044 w/"Message and Melody" rlg px de Owen Sound, Ontario; @ 2059 "King of Hope" ID/Limassol, Cyprus address (343 1/12 ed.-DX)

MALAYSIARadio Television Malaysia

- 4895 1230 RTM KUCHING: IBAN: Indonesian-type mx; comments by M/W ancrs; clear IS/ID hrd; 1330 fade-out (333 1/7 Washburn-ME)
 4950 1445 RTM KUCHING: EE: TC for 10:45; "R. Malaysia, Kuching" ID; then songs by Weird Al Yankovich!; on top of co-chan CC stn (fr 12/16 Famularo-JAPAN)
 5030 1235 RTM KUCHING: (1)BIDAYUH: Poss. M nx; EE pops/light mx; @ 1300 "Kuching" ID; best in LSB acct ute QRM (pr-fr 12/15 Famularo)

MARIANA ISLANDSKHBI

- 9455 2019 KHBI: EE: Px "News Focus"; ID @ 2030 (322 12/27 Cichorek-NJ)
 9530 1418 KHBI: EE: Tlk on Kenyan political situation (433 12/5 Johnson-IL) @ 1403 w/nx/cmt; //13625 very weak (222 12/27 Cichorek)
 13625 2055 KHBI: EE: "Kaleidoscope" px; ID w/site @ 2100 (443 12/11 Babin-MA) (Also logged by Cichorek-NJ, Findlater-CA, ed.-DX)

MYANMARVoice of Myanmar

- 4725 1140 VOM: BAMAR: Inst mx w/lots of flutes; best of 3 days of opening but frustratingly heavy ute QRM (211 12/11 Beese-DE) (p) @ 1310 w/lots of slow mx (232 12/8 Johnson-IL)

NEPALRadio Nepal

- 9005 1215 RN: NEPALI: TP (1800 lcl time) and ID (343 1/8 Washburn-ME) (t) @ 1206 w/M tkl on phone to child; flute/drum mx; TP @ 1215 and M tkl but no clear ID (212 12/30 George-MA)

NEW ZEALAND

RNZI was logged (in EE) on 9700 by Brewer-KS, Hart-MN, Johnson-IL; on 15130mf (ex-15485) by Matsushita-JAPAN; on 17675 by Carson-OK, ed.-DX.

PAKISTANRadio Pakistan

- 11570 1733 RP: EE: Nx incl Gulf stuff; subcont vols (232 1/1 Thornton-NJ)
 17555 1620 RP: EE: Nx in slow EE, repeating items twice (343 12/11 Johnson-IL) @ 1358 in URDU w/Pakistani mx px w/w kuwt; // 15605 (253 12/6 Lukas-NY) Oops! Hank logged this on 17554.5.
 17640 0230 RP: EE: Slow-speed nx (222 12/17 Bagozzi-CA)

PAPUA NEW GUINEA

- 3315 1158 R. MANUS: PD: Pop mx; @ 1200 ID/TC; then mix of lcl/pop mx (353 12/7 Karcheski-MA)

PHILIPPINESRadio Veritas Asia Far East Best Corp VOA relay

- 9555 1130 RVA: EE: ID and "please stay tuned for the best in Myanmar which follows at 1130" (333 12/29 Fisher-MA) (Three names for the same language--and the column's not over yet!-ed.) (Also logged by Carson-OK, Cichorek-NJ)
 11850.1 1523 FEBC: EE: Xmas rlg message; book ad w/Manila address; @ 1257 M ID (222 12/22 Cichorek-NJ)
 11870 2145 VOA: EE: Pop mx px; ID as VOA Pacific Sce (332 12/9 Babin-MA)
 15095 *0300 FEBC: EE/CC: EE ID as "the sound alternative from Manila"; into CC px (222 12/4 Findlater-CA)
 15395 0000 VOA: CC: Translation of US student's EE remarks abt studying in China (222 12/29 Findlater-CA)
 15480 1615 FEBC: FILIPINO: M ID/frq; W song; M nx 1618-1638; this is px beamed to the Gulf 1600-1700 (353 12/27 Matsushita-JAPAN)
 17820 0010 VOA: EE: Nx of the Gulf; //9770, 15290 (222 12/30 Wakefield-IA)
 21600nf 0400 VOA: EE: World nx; advisory for Americans still in Kuwait/Iraq; site presumed (fr-gd 12/15 Famularo-JAPAN)

SAUDI ARABIABest Service of the Kingdom of Saudi Arabia

- 9885 2200 BSKSA: AA: ID; long M tkl; SRI co-channel QRM de 2215 (333 12/11 Findlater-CA)
 11935 1907 BSKSA: AA: Qur'an; M answering questions; more of same to 2100* (322 12/9 Wolfson-OH)
 15060 *0400 BSKSA: TURKISH: IS; NA; TP; M ID (444 12/7 Reeves-OR) @ 0543 w/nifty modern jazz inst mx; @ 0545 SRI-style TP; "Saudi Arabian radiosau" ID/nx; @ 0551 anmt w/sked; NA; 0552* (344 1/13 ed.-DX)

SOLOMON ISLANDSSolomon Islands Best Corp

- 5020 0755 SIBC: PD: Mx px w/W ancr; then IS tune (242 12/2 Johnson-IL)
 (Hope that I can squeeze everything else into the one page remaining!)

SRI LANKA

11705 0100 VOA relay Radio Japan relay
 VOA: EE: Nx of evacuations from Somalia; //15250 (333 1/6 Wakefield-IA)
 11840 0158 RJ: EE/BENGALI: End of mx px; ID/frq anmt; @ 0200 into Bengali w/TP; "Sakura" and s/on anmt (333 1/12 ed.) (This relay site opened on schedule on 1/1.-ed.)
 15250 0119 VOA: EE: Current affairs px (333 12/10 Babin-MA)

SYRIARadio Damascus

12085 2030 RD: EE: AA mx w/M host (333 12/12 Langlois-FL) (Note that the former //15095 has been replaced by 9950.-ed.)

THAILANDRadio Thailand

9655 1515 RT: THAI: W tlk w/many ments "Thai"; nice lcl rock/pop mx; anthem @ 1600*; HS relay? (fair 12/18, 19 et al. Famularo-JAPAN) (Maybe, Ralph; the 1991 WRTH lists this as a 1500-1600 px beamed to Thais in the Gulf.-ed.)

TURKEYTurkish Police Radio Voice of Turkey

7370 0553 TPR: TK: Non-stop Turkish-style inst mx to 0602; cock crows/cuckoo clock noises; brief W TK anmt (no ID hrd); then TK M vcls; splash de Vatican-7365 (333 1/13 edr-DX)
 9445 2325 VOT: EE: "Contemporary Turkey" on the Kemalst revolution of 1918-1922 (454 12/14 Fraser-MA) (Also logged in EE by Brown-IL, Carson-OK, Johnson-IL, Maier-NY, Wakefield-IA; and in TK by Reeves-OR, Trescher-PA.)
 17785 *1330 VOT: EEP: IS; TP; s/on routine hrd under heavy QRM; too weak to ID lang but EE listed (222 12/25 Prath-FL)

UNITED ARAB EMIRATESVoice of UAE Abu DhabiUAE Radio Dubai

9780 2115 VO UAE: AA: Full ID; AA mx; phone conversation (444 12/7 Johnson-IL)
 11945 0329 RD: EE: World/regional nx; lcl wx (433 1/4 Brown-IL) @ 0341 w/px "Islam and the Arabs in the West" (343 1/16 ed.)
 13675 0330 RD: EE: TC for 7:30 lcl time; nx; px on Islamic literature (332 12/5 Bagozzi-CA) @ 1626 w/EZL mx; ID and into world nx (343 12/21 Neff-FL)
 21605 1330 RD: EE: Nx/Dubai wx; "Arab Scientist" px; into AA @ 1356 (434 12/13 Carson-OK) @ 1354 w/"Arab Scientist" px (444 1/6 Cichorek-NJ)

VIETNAMVoice of Vietnam

9840 2337 VOV: EE: "The Sunday Show" w/VV mx for Festival of the Dead (232 12/30 Carson-OK)
 12018.4 2047 VOV: EE: W ID; px of lcl vocal mx; dead air 2057 till *2100 in FF (322 12/22 Cichorek-NJ) @ 2345 w/ID; tlk abt the Khmer Rouge (232 12/24 Prath-FL) @ *2200 in CC (333 12/8 Findlater-CA)

YEMENRepublic of Yemen Radio

9778.9 2127 RYR: AA: M ancr w/phone calls (tlk abt Kuwait); vocal mx; @ 2200 M ID/(p) nx (433 12/23 Cichorek-NJ) @ 2107 w/Qur'an; NA and off 2111* (322 12/7 Johnson-IL)

CLANDESTINE

6325 1140 VO THE KHMER: KHMER: W tlk to 1151; vocals; @ 1200 (p) W ID/ brief tlk; then what seemed drama px; use LSB to avoid heavy ute QRM (222 12/9 D'Angelo-PA)

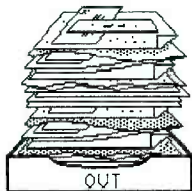
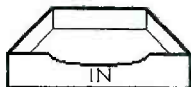
Particularly observant readers may have noticed that some of my own loggings are marked "ed.-DX." On the weekend of 1/12-13, I had the opportunity, with some other Montreal BXers, to go on a DXpedition to Ste.-Marcelline-de-Kildare, abt 50 miles north of Montreal. It was a lot of fun to get away from the big city QRM, string up lots of long antennas, and listen our brains out all night long. If you ever get the chance to go on a DXpedition, I recommend that you do it; you'll have a ball!

In closing, let's all spare a thought for SPEEDX'er Mike Hardester, who's somewhere over in the Gulf at this time.

73-Bill

QSL REPORT

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AFRICA

- ANGOLA R Nacional: 3375.7 f/d Logo cd w/ sked in 291 ds after f-up for a PP rpt & ms. (Karcheski-MA). 4950 f/d cd w/ ltr in 19 mo after f-up for an EE/PP rpt. V/S Luzia Fancony & Lourdes de Almeida. (Weber-OH).
- CAMEROON CRTV-Yaounde: 4850 p/d Logo cd in 127 ds for \$1. (ME-Washburn).
- CHAD R Tchadienne: 4904.5 p/d cd w/ sticker in 109 ds for \$1. (Bagozzi-CA).
- MADAGASCAR RTV Malagasy: 5010 f/d pfc w/ f/d personal ltr in 183 ds for a FF rpt & \$1. V/S Mlle Rakotonainaina Soa Herimanitia, Secretaire de Direction. (D'Angelo-PA).
- SOUTH AFRICA Radio RSA: 9580 & 15120 f/d Drakensberg cd in 59 ds. (Lemke-AB). 11900 f/d Cliffs cd in 35 ds. (Brown-IL).
- SWAZILAND TWR: 7200 p/d Station cd in 69 ds for \$1. V/S Carol Tatlow. (Bagozzi-CA).
- ZAMBIA R Zambia: 11880 f/d plain cd in 350 ds for ms. V/S W. Lukozu. (Reese-DE).

ASIA

- HONG KONG BBC Relay: 17830 f/d "Junk" cd in 31 ds for \$1. (MA-Karcheski). 21715 f/d Skyline cd in 45 ds. (Bagozzi-CA).
- IRAN VoIRI: 15084 no cd, just a nx ltr in 90 ds for a Tri rpt & 2 ircs.... Sounds like another rpt is required, making sure to politely request a veri... (Hunt-FL).
- JAPAN NSB: 3925 f/d Computer Art cd in 11 ds for \$1. (Bagozzi-CA). RCI Relay: 11705 f/d DiY cd in 18 ds. (Washburn-ME).
- JORDAN R Jordan: 13655 f/d Map cd in 54 ds. (Lemke-AB).
- NORTH KOREA R Pyongyang: 15115 f/d Flower cd w/ pennant & goodies in 81 ds via friend in UK. (Reese-DE).
- OMAN BBC Relay: 9580 f/d ltr in 360 ds for ms. V/S Randy O'Reilly (Card-RI).
- SOUTH KOREA R Korea: 9750 & 15575 f/d cd in 33 ds. (Lemke-AB). 15575 f/d Autumn cd in 28 ds (Bishop-NY). f/d Olympic Park cd w/ goodies in 26 ds. (Fanderys-OH).
- SYRIA R Damascus: 9950 f/d Globe cd w/ sticker & sked in 1265 ds registered. (George-MA)... just a slight delay!...
- TURKEY VoT: 9445 f/d Logo/Decanter cd w/ stickers, sked & info in 36 ds. (Fanderys-OH).
- U.A.E. VoUAE: 13605 f/d Folder cd in 25 ds. (Lemke-AB). f/d ltr in 178 ds. V/S Ahmed Shouly. (Woering-MA).

EUROPE

- AUSTRIA RAI: 6015 f/d Costume cd in 28 ds. (Lemke-AB). 13730 f/d Flaker cd w/ forms in 53 ds. (Bishop-NY).
- BELGIUM BRT: 17580 f/d Grand Place cd in 66 ds. (Lemke-AB).
- GERMANY RFI: 6080, 11890, 13610, 13760 & 15240 f/d B/casting House cd w/ ltr in 39 ds. (D'Angelo-PA). 11785 f/d Q cd in 20 ds. (Lemke-AB). f/d Crystal set cd in 20 ds. (Lemke-AB). f/d DX Club cds in 21 ds. (Lemke-AB). f/d cds in 28 ds. (Lemke-AB).
- GREAT BRITAIN BFBS: 17695 p/d Map cd in 41 ds for \$1. (Washburn-ME). 21735 p/d Map cd in 62 ds for 2 ircs. V/S Richard Astbury (Weber-OH).
- MONACO TWR: 9485 f/d Logo/Globe cd in 28 ds for ms. (Lemke-AB).
- NORWAY RNI: 15165 & 17840 f/d Aluminum Works cd w/ sked in 30 & 39 ds. (Lemke-AB). 15305 f/d Climbers Delight cd in 26 ds. (AB-Lemke).
- PORTUGAL RDP: 9705 f/d Map cd w/ sked & Christmas cd in 18 ds. (Janusz-NJ).
- SPAIN REE: 9630 f/d Llansa cd in 33 ds. (Brown-IL). f/d cd w/ pennant, sked & forms in 47 ds. (Bishop-NY).
- SWEDEN RSI: 11705 f/d Goteborg cd in 13 ds. (Lemke-AB). 17880 f/d Helsingborg cd in 12 ds. (Lemke-AB). f/d Stockholm cd in 13 ds. (Lemke-AB).

SWITZERLAND/ SRI: 6135 f/d Lausanne cd in 15 ds. (Washburn-ME).
f/d Building cd w/ sked in 20 ds for 3 ircs. (Rager-NJ). 12035
f/d Delemont cd in 14 ds. (Brown-IL).
VATICAN CITY/ R Vaticana: 9605 f/d Antennas cd in 49 ds. (Brown-IL).
YUGOSLAVIA/ R Yugoslavia: 9620 f/d cd in 33 ds for 2 ircs. (Woering-
MA). 4 cds w/ skeds & stickers in 2 yrs. (Cichorek-NJ). 11735
f/d Dunav fest cd in many ds after 8 f-ups. (Gaharan-LA).
U.S.S.R.

R Minsk: 17690 f/d Dried Flowers cd in 223 ds for ms. (George-MA).
R Moscow: 17570- Yerevan, 2 f/d cds w/ ltr in 68 to 320 ds. (Reese-DE).
R Vilnius: 11790 f/d cd w/ ltr, skeds & pc in 153 ds for a Tri rpt
& 2 ircs. V/S Edvinas Butkus. (Hunt-FL).

NORTH AMERICA

ALASKA/ KNLS: 7365 f/d Map cd w/ ltr & sked in 33 ds for ms. (ME-
Washburn).

CANADA/ CKZN: 6160 f/d Map cd in 41 ds. V/S S. Williams. (Brown-IL).

COSTA RICA/ RFPI: 21565 f/d Logo cd in 175 ds. (Washburn-ME). U.N.
Radio via RFPI: 21565 f/d UN Building cd w/ sked in 85 ds for
\$1. (George-MA).

NETHERLANDS ANTILLES/ TWR: 11815 f/d Underwater cd w/ ltr in 27 ds.
(Washburn-ME). RN Relay: 6020 f/d B'cast vans in 39 ds. (Brown-
IL). 15330 USB f/d Antenna cd in 26 ds for a test x'mission.
(Washburn-ME).

U.S.A./ KUSW: 15650 f/d Utah cd in 10 ds. (Lemke-AB). VoFC Relay:
11915 f/d cd w/ ltr & goodies in 12 ds for an irc. (Rager-NJ).
WCSN: 9850 f/d DiY cd in 28 ds. (Washburn-ME). WRNO: 6185 p/d
DX Club cd in 6 mo. (Lemke-AB). WSHB: 9410 f/d DiY cd in 40 ds.
(Washburn-ME). WYFR: 6065 f/d Logo cd in 16 ds. (Lemke-AB).

OCEANIA

AUSTRALIA/ RA: 9580 f/d cd w/ skeds in 20 ds for an irc. (Rager-NJ).
VL8A: 2310 f/d Map/Amway cd in 70 ds for 2 ircs. (Reese-DE).

MARIANAS ISLANDS/ KHBI: 9530 f/d DiY cd in 34 ds. (Washburn-ME).

NEW ZEALAND/ RNZI: 9580 & 17680 f/d Taupo Lake & pennant cds in 11
& 17 ds. (Lemke-AB). 9855 f/d cd in 22 ds for 4 ircs. (Woering-MA).

PAPUA NEW GUINEA/ R Manus: 3315 p/d ltr in 95 ds for 2 ircs. V/S
Eliun Sereman. (Reese-DE).

SOUTH AMERICA

BRAZIL/ R Marajoara: 4955 f/d ltr w/ stickers in 42 ds for a PP
rpt & 3 ircs. V/S Miss Elizeto Pamplona. (Pagano-DC).

COLOMBIA/ Caracol Bogota: 4755 n/d cd w/ stamps & sticker in 89 ds
after f-up #3 for a SS rpt & ms. (D'Angelo-PA). Emisoras Armonias
del Caqueta: 4915 f/d cd w/ f/d pfc in 39 ds after 3rd f-up for
a SS rpt & ms. V/S P. Alvaro Serna Alzate. (D'Angelo-PA).

FRENCH GUIANA/ RFI Relay: 9800 f/d x'mitter cd w/ sked in 18 ds.
(Lemke-AB). R Beijing Relay: 11695 f/d Paper Cutting cds in 14
ds. (Lemke-AB).

PERU/ R Tarma: 4775 f/d pc w/ form ltr & bank note in 98 ds after
f-up #2 for a SS rpt & \$1. V/S Mario Monteverde Pomareda. (PA-
D'Angelo). R Satellite: 6727 f/d Certificado, pfc & personal ltr
in 54 ds after f-up #2 for a SS rpt & \$1. V/S Sabino Llamas
Chavez. (D'Angelo-PA).

VENEZUELA/ R Rumbos: 9660 f/d pc in 182 ds for a SS rpt & 2 ircs.
(Hunt-FL).

UTES

GERMANY/ Rutgen Radio: 4242.5 f/d pc in ?? ds for a Tri rpt & 2
ircs. (Hunt-FL).

ITALY/ ICh: 8649.5 f/d form ltr in 153 ds for a Tri rpt & 2 ircs.
(Hunt-FL). R Medico: 8685 f/d cd in 60 ds for a Tri rpt & 2 ircs.
V/S Dr. Nino Rizzo MD. (Hunt-FL).

SWEDEN/ SAG: 12880.5 f/d cd w/ booklets & sticker in 212 ds for a
Tri rpt & an irc. V/S Birgitta Rasander. (Hunt-FL).

U.S.A./ WOM: 4425 f/d Logo cd w/ magnet sked & booklet in 11 ds
for ms- which were returned. (George-MA).

CLANDESTINES & PIRATES

R USA: 7406 f/d cd in 39 ds for ms. V/S Mr. Blue Sky. (Johnson-IL).
WHDA: 7410 f/d Oscilloscope cd in 25 ds for ms. V/S Willie
Ketchum. (Karcheski-MA). WYMN: 7410 f/d Evolution cd in 53 ds
for ms. (Johnson-IL). Voice of Bob: 7410 f/d VoB cd in 53 ds for
ms. (Johnson-IL). CFBN: 7415 f/d Outhouse cd in 50 ds for ms.
V/S House Fly & Black Fly. Gotta go....73,





Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

Radio Beijing's English Service began a two-year course in conversational Chinese earlier this year. While joining late could be difficult, a special incentive is their textbook "Day-to-Day Chinese", a two volume, fifty-two lesson, 820 page set of books for \$15.US, (including postage)--from Mr Li Yi, English Department, Radio Beijing, Beijing 100866, People's Republic of China.

A laminated world map printed in Russian, made in the USSR and advertised with the comment "generations of Soviet cartographers, directed by the KGB, actually designed mistakes into Russian maps..." is in the catalog of RUSSIAN DRESSING/THE DAILY PLANET as item R03, \$15. (postage and handling charges of \$2.95 extra), Post Office Box 1313, New York, New York 10013, telephone 212-334-0006 or fax 212-334-1158 for Visa or Mastercard.

And, if you enjoy maps--or might merely be a Francophile, another catalog house has a unique item--a replica on acetate satin, about 20" by 23", of the World War II invasion-escape map, France and the Benelux countries. This is item #96261, \$14. (plus \$3.95 shipping and handling) from The Cockpit, Post Office Box 019005, Long Island City, New York 11101, toll free number 1-800-354-5514. It's advertised as "Allied Pilot's Cloth Invasion-Escape Map".

Juan Franco Crespo, Teodora Lamadrid 12-2-1, E-08022 Barcelona, Spain had a planned publication date of this past December for a "Directory of Broadcasters and Verifications List". While in the Spanish language this was heavy on the Americas and the cost was only \$6.US cash but it was suggested, for protection, that all payments be forwarded by registered mail which just about doubles the cost.

From the Far East, Lim Kong Jin, 37 Jalan Tembaga, Island Park, 11600 Pulau Pinang, Malaysia offers "South East Asia DX News" at \$4.US cash for ten issues. Some of his news items may be questionable to receive in this country without spectacular antennas and a lot of luck, but his envelopes are covered with attractive Malaysian postage stamps.

BBC always has some mail order catalogs available. Over the years their offers have varied from merely books and videos to these items plus a number of radio items, including BBC pins, badges, sweatshirts, paperweights, key-rings, even tea towels and wallets. It is difficult to guess what might be in this season's catalog but a note to BBC World Service Mail Order, Bush House, Strand, London WS2B 4PH, England, United Kingdom should bring you a copy of the current catalog.

Instructions from the top said I should tell you all about myself which is difficult as even I don't understand myself. Since I joined SPEEDX in 1977, my monthly contributions have been contained to the QSL column, a few schedules to Eddie Janusz and his predecessors and the fun of playing the contest games. My first radio, a Hallicrafters, gathers dust in the attic; I currently use a R-2000 but I'm too lazy (or too old) to stay awake during those normal sleep hours to dig for wonderful catches and potential QSLs. 1990 added only Botswana, Jordan, West Berlin and Angola to my confirms. My city's postal clerks claim I know more about IRCs than they do; I use them for both DXing and another interest, genealogy. (I've chased some of my probable horse-thieving ancestors back to the 1400's.) Trash and Treasure started from the premise that perimeter knowledge could aid the growth of my basic radio knowledge particularly when I don't like giving up that prized sleep. If anyone has any suggestions, hints, comments or contributions for this "column" my mail box is empty and eagerly awaiting.

➔ ➔ DX TARGET ➔ ➔

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

The Royal Air Force operates a VOLMET service located in West Drayton, Middlesex, England which provides aviation weather broadcasts to the public. The RAF VOLMET is a fully computerized weather system which receives weather information in digital format from feeder stations and automatically converts the information into voice for its upper side band (SSB) transmissions. The service is provided 24 hours a day on 4,722 kHz and 11,200 kHz. The former channel is used for evening transmissions and the latter for day time use. The antenna is an omni directional quad with a power output of three kilowatts.

The continuous weather broadcasts report weather conditions for the following ground locations: Belfast/Aldergrove, Benson, Brize, Norton, Coltishall, Coningsby, Finningley, Honington, Kinloss, Leeming, Leuchars, London/Gatwick, London/Heathrow, London/Stansted, Lossiemouth, Luton, Lyneham, Manchester, Manston, Marham, Northolt, Odiham, Prestwick, St. Mawgan, Shannon, Shawbury, Valley, Waddington, Wattisham, Wyton, Yeovilton, Gutersloh, Laarbruch, Wildenrath, Keflavik, Ascension and Mt. Pleasant. These transmissions of actual weather reports and forecast landing conditions are intended for aircraft in flight. A report will contain (a) wind speed, (b) visibility, (c) weather, (d) cloud cover, (e) temperature, and (f) dewpoint. Additional information may be provided depending upon current and/or forecasted weather conditions. The station identifies approximately every twelve minutes with the following announcement: "Attention listeners. This is Royal Air Force Volmet. This is Royal Air Force Volmet." After the identification announcement, the broadcasting of current and forecasted weather conditions resumes.

The Royal Air Force VOLMET station at West Drayton welcomes reports from shortwave listeners. Form letter QSL's, with date and time of your report handwritten in by the verification signer, are issued. The current verie signer is Corporel J. Forsyth. Return postage is not necessary. Reports can be sent to either one of the following addresses:

Royal Air Force VOLMET	or	West Drayton Volmet
Headquarters No. 1 Group		Public Information Officer
Royal Air Force		Porters Way
Upavon		West Drayton
Pewsey		Middlesex
Wiltshire		ENGLAND UB7 9AX
ENGLAND SN9 6BE		

Remember to send logs to Editor Paul Lannuier for inclusion in the SPEEDX Utility Station List and QSL's to Ray Forsgren for the QSL Report column.



with the compliments of

Headquarters No 1 Group
Royal Air Force
Upavon
PEWSEY
Wiltshire SN9 6BE

Air Branch

Tel Stonehenge 630351 ext

SPEEDX UTILITY STATION LIST

Paul T. Lannuier, Editor
25 Mac Arthur Avenue, Closter, NJ 07624

Part 2: 8000.0 to 11999.9 kHz

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
8019.3	RTTY	N. Korea	HMF85	Pyongyang	1500	250/50R: KCNA news in English	Blair-CA
8117.2	CW	Taiwan	BM8	Taipei	1555	DE Marker	Blair-CA
8122.8	RTTY	Congo	TNL	Brazzaville	0513	425/50: AFTN/ASECNA "TKA" circuit	Conway-UK
8152.0	RTTY	N.Korea	HMF86	Pyongyang	1213	KCNA news in French	Blair-CA
8159.0	CW	CW	CMU967	Santiago	0430	5L groups	Blair-CA
8165.0	RTTY	Kenya	5YD	Nairobi	2202	170/50R: AFTN. Marker	Conway-UK
8315.0	CW	Libya	5AT	Tripoli Radio	1735	V/CQ Marker	Conway-UK
8437.0	CW	Algeria	7TF	Boufarik Radio	0150	CQ Marker	Karcheski-MA
8437.0	CW	Israel	4XZ	Haifa Naval	0053	Israeli Navy. Marker	Karcheski-MA
8437.0	CW	Japan	JOS	Nagasaki Radio	1330	CQ Marker	Blair-CA
8440.0	CW	Canada	VCS	Halifax, Nfld.	0102	CG. CQ Marker	Perdue-AL
8441.4	CW	South Yemen	70A	Aden Radio	1750	DE Marker	Conway-UK
8445.5	CW	USA	WLO	Mobile Radio, AL	0447	DE Marker	Blair-CA
8451.0	CW	USSR	UBF2	Leningrad Radio	1956	"4L13 DE UBF2" Marker	Conway-UK
8453.0	CW	Canada	VAI	Vancouver Radio	1406	Canadian Forces. CQ Marker	Blair-CA
8455.0	CW	USSR	UVA	Unknown	1955	"CG DE UVA QSS/QSX 4231.5/4206.5 12729/12601.5 PSE K"	8455/8388.5 Conway-UK
8456.0	CW	Egypt	SUZ4	Serapeum Radio	1746	DE Marker	Conway-UK
8457.0	RTTY	Alaska	NOJ	Kodiak	0401	170/75R: USCG. Wkg USCG MUSTANG (NUSH)	Blair-CA
8459.0	CW	Romania	YQI4	Constanta Radio	1617	Manual t/c	Conway-UK
8463.0	CW	Japan	JOU	Nagasaki Radio	0728	CQ Marker	Blair-CA
8469.0	CW	Cape Verde Is.	D4A	Mindelo Radio, Sao Vicente	1743	CQ Marker & QTC list	Conway-UK
8470.5	RTTY	S. Africa	ZSC	Capetown Radio	1420	Wx broadcast followed by NAW5	Moon-RSA
8471.7	CW	Egypt	SUP	Port Said Radio	1608	V/CQ Marker. Off usual 8473.0 kHz freq	Conway-UK
8471.7	CW	USA	NMIN	Portsmouth, VA	1501	USCG. CQ Marker	Lukas-NY
8473.5	CW	USA	WLO	Mobile Radio, AL	0447	DE Marker	Blair-CA
8480.0	CW	N. Korea	HMFZ	Pyongyang Radio	1708	Several manual CQ calls. Poor keying	Conway-UK
8485.0	CW	Israel	4X0	Haifa Radio	2215	Marker	Karcheski-MA
8487.0	CW	China	XSG26	Shanghai Radio	1412	Wx broadcasts	Blair-CA
8498.0	CW	Sweden	SAG4	Goteborg Radio	0409	CQ Marker	Blair-CA
8502.0	CW	China	XSG	Shanghai Radio	1350	DE Marker	Blair-CA
8504.0	CW	New Zealand	ZLB	Awarua Radio	0924	DE Marker	Conway-UK
8506.0	CW	Taiwan	XSX	Keelung Radio	1425	Warnings broadcast	Blair-CA
8506.0	CW	USSR	UDH	Riga Radio	0923	CQ Marker	Conway-UK
8510.0	CW	USSR	UKK3	Nakhodka Radio	1434	T/c list	Blair-CA
8522.0	CW	Malaysia	9WW20	Kuching Radio	1733	CQ Marker	Conway-UK
8523.4	CW	Japan	JOR	Nagasaki Radio	1436	CQ Marker	Blair-CA
8525.0	CW	Kuwait	9KK	Kuwait Radio	1731	CQ Marker	Conway-UK
8526.0	CW	Japan	JMC4	Tokyo Radio	1440	Coded weather	Blair-CA
8530.0	CW	Singapore	9VG25	Singapore Radio	1442	T/c list	Blair-CA
8534.0	CW	USA	WLO	Mobile Radio, AL	0410	DE Marker	Blair-CA
8538.0	CW	Senegal	6WW	Dakar Radio	0427	V Marker	Blair-CA
8542.0	CW	Indonesia	PKX	Jakarta Radio	1728	CQ Marker	Conway-UK
8545.0	CW	Philippines	DZF	Manila Radio	1232	CQ Marker	Blair-CA
8545.9	CW	England	GKA4	Portsmouth Radio	0506	T/c list	Blair-CA
8555.0	CW	Turkey	TBB7	Ankara Naval	1132	Turkish Naval. V Marker	Conway-UK
8558.5	CW	Poland	SPE41	Szczecin Radio	2233	T/c	Karcheski-MA
8568.5	CW	Mexico	XFM	Manzanillo Radio	0809	CQ marker	Conway-UK
8574.0	CW	USA	NMC	San Francisco, CA	1517	USCG. DE Marker	Blair-CA
8575.0	RTTY	USSR	UKA	Vladivostok Radio	1236	170/50N: Wkg UNRZ	Blair-CA
8582.5	CW	USA	KLB	Seattle Radio, WA	0646	CQ Marker	Blair-CA
8584.0	CW	E. Germany	YSM	Ruegen Radio	0441	CQ Marker	Blair-CA
8585.0	CW	USSR	UFL	Vladivostok Radio	1504	NAVAREA III broadcast	Blair-CA
8588.0	CW	Panama	HPP	Panama Radio	0258	CQ Marker	Karcheski-MA
8601.3	CW	New Zealand	ZLO4	Irirangi Naval	0759	DE Marker	Conway-UK
8604.3	CW	Philippines	DZJ	Bulacan Radio	1513	T/c list	Blair-CA
8604.3	CW	S. Africa	ZRH	Capetown Naval	2029	RSA Navy. DE Marker	Karcheski-MA

8609.0	CW	Cuba	CLJ	Havana Radio	1301	CQ Marker	Blair-CA
8609.5	CW	Singapore	9V673	Singapore Radio	1525	V Marker	Blair-CA
8615.5	CW	USA	WPD	Tampa Radio, FL	1306	CQ Marker	Blair-CA
8616.0	CW	Hungary	HAR	Budapest Radio	0510	CQ Marker	George-MA
8626.4	RTTY	Gibraltar	GYU	Gibraltar Naval	0245	850/75N: RN. Marker	Lannuler-NJ
8630.0	CW	USA	WCC	Chatham Radio, MA	0652	CQ Marker	Blair-CA
8642.0	CW	Portugal	CTV8	Lisbon Naval	0517	Portugese Navy. Wx broadcast	Blair-CA
8642.0	CW	USA	KPH	S. Francisco Radio, CA	0657	CQ Marker	Blair-CA
8650.0	CW	Hawaii	NM10	Honolulu	1525	USCG. CQ Marker	Blair-CA
8650.0	CW	USSR	RKDF	Unknown	2000	"CQ DE RKDF 487/3230/750..."	Conway-UK
8652.0	CW	Belgium	OST4	Ostend Radio	2231	Calling IAE52	Karcheski-MA
8655.0	CW	USSR	NAIUA13	Nakhodka Radio	0659	Tfc list	Blair-CA
8657.3	CW	Pakistan	ASK	Karachi Radio	1800	Manual CQ	Conway-UK
8682.0	CW	USA	NMC	San Francisco, CA	0630	USCG. V Marker	Rocker-FL
8686.0	CW	Morocco	CNP	Casablanca Radio	2013	CQ marker	Conway-UK
8694.0	CW	Angola	D3E52	Luanda Radio	2224	CQ Marker	Karcheski-MA
8694.0	CW	Israel	4X0	Haifa Radio	2209	CQ Marker	Karcheski-MA
8694.0	CW	Neth. Antilles	PJC	Willemstad Radio, Curacao	2342	CQ marker	Conway-UK
8695.0	CW	USSR	UHK	Batumi Radio	1700	CQ Marker	Conway-UK
8696.5	CW	Albania	ZAD2	Durrres Radio	0906	V/CQ Marker	Conway-UK
8700.4	CW	Colombia	HKB	Barranquilla Radio	2205	CQ Marker	Conway-UK
8700.4	CW	Yugoslavia	YUR	Rijeka Radio	2217	CQ Marker	Karcheski-MA
8701.0	CW	USSR	UNM2	Khalpeda Radio	1112	Fast msg. DE Marker	Conway-UK
8737.5	USB	Cyprus	5BA	Cyprus Radio	2257	Voice marker: "Cyprus Radio Radiotelephone Maritime Service" in EE & GK	O'Connor-NH
8825.0	USB	....	....	ICAO NAT-A AREA	....	Stations reported include: Santa Maria, Azores; Prestwick, UK; New York, NY	....
8828.0	USB	Japan	....	Tokyo VOLMET	1041	Meteo H+10,40	Karcheski-MA
8828.0	USB	New Zealand	....	Auckland VOLMET	1050	Meteo H+20,50	Karcheski-MA
8846.0	USB	....	....	ICAO CAR AREA	....	Stations reported include: New York, NY	....
8855.0	USB	....	....	ICAO C/NE SAM AREAS	....	Stations reported include: Belem, Port Velho & Manaus, Brazil; Paramaribo, Surinam; Piarco, Trinidad	....
8861.0	USB	....	....	ICAO SAT-1/AFI-1 AREAS	....	Stations reported include: Recife, Brazil; Dakar, Senegal; Canarias, Canary Is.	....
8864.0	USB	....	....	ICAO NAT-B AREA	....	Stations reported include: Reykjavik, Iceland	....
8867.0	USB	....	....	ICAO SP-6/7 AREAS	....	Stations reported include: Nandi, Fiji Is.	....
8872.0	AM	Unknown	....	Unknown	0907	Numbers in Spanish. 5 digit groups by YL	Ayers-NZ
8891.0	USB	....	....	ICAO NAT-D AREA	....	Stations reported include: Gander, Nfld; Reykjavik, Iceland	....
8903.0	USB	....	....	ICAO AFI-4/CWP AREAS	....	Stations reported include: Libreville, Gabon; Accra, Ghana; Kinshasa, Zaire; Tokyo, Japan; Bujumbura, Burundi; Lusaka, Zambia	....
8906.0	USB	....	....	ICAO NAT AREA	....	Stations reported include: Santa Maria, Azores, Gander, Nfld., Canada; New York, NY	....
8921.0	USB	England	....	London	0430	BAW LD0C. SPEEDBIRD London wkg SPEEDBIRD 282	O'Connor-NH
8924.0	USB	Netherlands	....	Amsterdam	0446	KLM LD0C. Wkg KLM 596	O'Connor-NH
8942.0	USB	....	....	ICAO SEA-2 AREA	....	Stations reported include: Bangkok, Thailand	Karcheski-MA
8967.0	USB	....	....	WORLDWIDE USAF FREQ.	....	GCCS	....
8984.0	USB	....	....	USCG COMMSTAS	....	Air to Ground. Stations reported include: NMF Boston, MA; NOJ Kodiak, AK; Boronquen Air Station, PR.	....
8989.0	USB	....	AF12	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: AF12 McClellan AFB, CA	....
8993.0	USB	....	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: Ascension Is.; AFE8 MacDill AFB, FL; Albrook AFB, Panama	....
9006.0	USB	Canada	CHR	Trenton, ON	0029	RCAF. Wkg a/c CANFORCE 6673	Perdue-AL
9075.0	RTTY	France	RFFA	Paris Naval	1956	ARQ-E3 850/48: French Navy. Pages of 5LG & 'Control de Voie'	Conway-UK
9097.5	RTTY	Portugal	CUA44	Lisbon	2122	ARQ-M2 425/96: Idling on both channels	Conway-UK
9115.0	USB	Argentina	LRB91	Buenos Aires	2356	Radio Continental Feeder. Spanish w/ads, jingles, etc. Same company operates Radio Rivadavia	Flynn-CA
9115.0	USB	USA	....	Unknown	0044	Radio Marti feeder	Lukas-NY
9125.0	RTTY	Cameroon	RFTJD	Douala Naval	2141	ARQ-E3 850/48: French Navy. 'Control de Voie' and tfc to Paris	Conway-UK
9180.0	USB	USSR	....	Unknown	0358	Radio Moscow feeder in RS	Morby-NY
9217.0	RTTY	Chad	TTL	N'Djamena	2004	425/50. AFTN/ASECNA. "ZCZC DE TTL TESTING"	Conway-UK
9285.0	RTTY	Congo	TNL	Brazzaville	1935	ARQ-M2 425/96: Aero msg. on Ch. A	Conway-UK
9797.0	RTTY	Romania	YQJ27	Bucharest, Romania	0930	425/50R: ROMPRES Nx in EE. Note new agency name (formerly AGERPRES)	Lackmann-VA
10075.0	USB	USA	....	Houston TX	0605	LD0C. Wkg ARROW 605	Rocker-FL

10200.4 RTTY Japan	JAE50	Tokyo	1050	850/50R: JIJI news. RYRYRY and QRA Marker. Off at 1055	Lackmann-VA
10215.0 RTTY Saudi Arabia	HZN48	Jeddah	2027	850/100: Meteo	Conway-UK
10233.0 RTTY USA	....	Greenville, NC	2256	170/75N: VOA Nx in EE	Conway-UK
10600.0 RTTY Vietnam	....	Hanoi	1450	425/50R: VNA news in English	Karcheski-MA
10633.0 RTTY Egypt	SUC	Cairo	1944	425/50: AFTN "ESB" circuit	Conway-UK
10687.5 RTTY Unknown	....	Unknown	2055	ARQ 850/92: Idling	Conway-UK
10780.0 USB USA	AFE71	Canaveral AFS, FL	2329	USAF. Used for NASA/Shuttle support	Karcheski-MA
10869.0 ISB USA	....	Bethany, OH	2300	VOA Freq. Unknown language on LSB	Lukas-NY
10916.0 RTTY Senegal	RFTJ	Dakar Naval	2258	ARQ-M2 850/96: French Navy. "Control de Voie" msg's	Conway-UK
11062.9 RTTY Bulgaria	LZU2	Sofia	0600	425/50N: Meteo	Lannuter-NJ
11063.5 RTTY Sudan	STK	Khartoum	2032	425/50: AFTN 'ESA' t'fc. DE Marker	Conway-UK
11073.5 USB USA	....	US CUSTOMS/DEA FREQ.	....	Stations reported include: 'Slingshot', Miami, FL	....
11108.8 RTTY Martinique	RFLI	Fort de France Naval	2247	ARQ-M2 850/96: French Navy. Ch. B msg from Cayenne to RFFBX	Conway-UK
11112.5 RTTY Ethiopia	ETD3	Addis Ababa	1741	425/50: AFTN 'YSA' circuit. DE Marker	Conway-UK
11176.0 USB ....	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: AIE Andersen AFB, Guam, AKAS Elmendorf AFB, AK; AJG Inchtlik AFB, Turkey; Ascension Island	....
11179.0 USB ....	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: AFL2 Loring AFB, ME	....
11191.0 USB ....	....	WORLDWIDE USAF FREQ.	2323	Several tactical callsigns reported	....
11200.0 USB England	MYU	RAF VOLMET, W. Drayton	2347	RAF. Continuous wx	D'Angelo-PA
11239.0 USB USA	AFI2	McClellan AFB, CA	0250	USAF. T'fc	Jones-TN
11243.0 USB ....	....	WORLDWIDE USAF FREQ.	....	SAC Air/Ground 'Alpha One' channel. Numerous tactical callsigns reported.	....
11246.0 USB ....	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: MacDill AFB, FL; NKT Cherry Point USMC Air Station, NC	....
11249.0 USB Canada	CZW	Halifax Military, NS	0027	RCAF. Weather broadcast	Lukas-NY
11300.0 USB ....	....	ICAO AFI-3 AREA	....	Stations reported include: Tripoli, Libya; Cairo, Egypt; Addis Ababa, Ethiopia; Nairobi, Kenya; Khartoum, Sudan	....
11363.0 USB England	....	NOVAIR Eastwick	1035	New LDCC facility at Eastwick. Other freqs. licensed: 10021.0 and 6556.0 Hrd testing w/'Starjet' flight	Conway-UK
11387.0 USB Australia	VLS	Sydney VOLMET, NSW	2130	Meteo H+00,30	Rocker-FL
11396.0 USB ....	....	ICAO SEA-2/3 AREAS	....	Stations reported include: Bali & Jakarta, Indonesia; Singapore; Darwin, Australia	....
11414.0 USB USA	AFE71	Canaveral AFS, FL	2329	USAF. Used for NASA/Shuttle support	Karcheski-MA
11604.1 RTTY Yugoslavia	YZV3	Belgrade	1320	500/50R: TANJUG news in English	Lackmann-VA
11638.0 RTTY W. Germany	DDK8	Hamburg	1152	425/50R: "CQ CQ CQ DE DDK7/DDK7/DDK8"	Lackmann-VA

THE SPEEDX UTILITY STATION LIST IS PUBLISHED IN FOUR MONTHLY INSTALLMENTS AND CONTAINS NO LISTING MORE THAN NINE MONTHS OLD. PART 1 INCLUDES FREQUENCIES FROM 1600.0 TO 7999.9 KHZ; PART 2, FROM 8000.0 TO 11999.9 KHZ; PART 3, FROM 12000 TO 17999.9; AND PART 4, FROM 18000.0 TO 30000.0 MHZ. THE COMPLETE LIST OF ALL STATIONS REPORTED, INCLUDING LISTINGS OLDER THAN NINE MONTHS, IS AVAILABLE FOR \$6.50 (POSTPAID) FROM SPEEDX HQ, PO BOX 196, DUBOIS, PA 15801-0196.

NEW MARITIME FREQUENCY PLAN:

Thanks to Geoff Halligey (U.K.) for the following info. Full details will appear in the next edition of the Confidential Frequency List.

On July 1, 1991, several important changes are due to be made to the maritime radio bands as the result of decisions taken at the 1987 Geneva World Administrative Radio Conference (WARC).

The expansion of some bands by allotting maritime channels to frequencies previously shared with the fixed service (but hitherto virtually unused by the maritime services) has provided 79 additional radiotelephone (USB) duplex and 406 additional RTTY channels, all paired.

Notably, paired channels are for the first time provided for both USB and RTTY in the 18/19 and 25/26 MHz bands. USB channel spacing has been reduced from 3.1 kHz to 3.0 kHz; RTTY spacing remains at 0.5 kHz.

There will also be some other changes in the maritime bands, for example, a few frequencies are allotted to each band for digital selective calling (DSC), a means of alerting one particular vessel.

Coast station RTTY channels are moved en bloc from their present position in the frequency spectrum between the coast station CW and USB bands to the low frequency end of each coast station CW band. There are also minor adjustments to both the HF and LF ends of most ship and coast CW bands.

Ship CW calling channels in all bands are reduced from 18 to 10.

Both coast and ship stations will change to the replacement frequencies indicated for the same channel number that they currently employ, at 0001 UTC on July 1, 1991. The new frequencies are shown against their respective channel numbers in the accompanying table (see below).

USB DUPLEX CHANNELS (3.0 kHz spacing)

SHIPS	CH. #	COAST	TOTAL CHANNELS
4065.0 - 4143.0	401 - 427	4357.0 - 4435.0	27
6200.0 - 6221.0	601 - 608	6501.0 - 6522.0	8
8195.0 - 8288.0	801 - 832	8719.0 - 8812.0	32
12230.0 - 12350.0	1201 - 1241	13077.0 - 13197.0	41
16360.0 - 16525.0	1601 - 1656	17242.0 - 17407.0	56
18780.0 - 18822.0	1801 - 1815	19755.0 - 19797.0	15
22000.0 - 22156.0	2201 - 2253	22696.0 - 22852.0	53
25070.0 - 25097.0	2501 - 2510	26145.0 - 26172.0	10

RTTY DUPLEX CHANNELS (0.5 kHz spacing)

SHIPS	CH. #	COAST	TOTAL CHANNELS
4172.5 - 5181.5	1 - 19	4210.5 - 4219.0	19
6263.0 - 6275.5	1 - 26	6314.5 - 6330.5	34
6281.0 - 6284.5	27 - 34		
8376.5	1	8376.5	1
8377.0 - 8396.0	2 - 40	8417.0 - 8436.0	39
12477.0 - 12549.5	1 - 146	12579.5 - 12656.5	156
12555.0 - 12559.5	147 - 156		
16683.5 - 16733.5	1 - 101	16807.0 - 16902.5	193
16739.0 - 16784.5	102 - 193		
18870.5 - 18892.5	1 - 45	19681.0 - 19703.0	45
22284.5 - 22351.5	1 - 135	22376.5 - 22443.5	135
25173.0 - 25192.5	1 - 40	26101.0 - 26120.5	40

COAST STATION CW BANDS

4221.0 - 4351.0	6332.5 - 6501.0	8438.0 - 8707.0	12658.5 - 13077.0
16904.5 - 17242.0	19705.0 - 19755.0	22445.5 - 22696.0	26122.5 - 26145.0

OPERATION DESERT STORM

The following utility information was reported by various people on the ANARC SWL Net (7240.0 kHz LSB, 1500 UTC Sundays) on January 20. I'm sorry that the names of the reporters are not listed.

ISRAEL: Two amateur radio traffic handling operations have been heard on the 10 meter band: 4X1IO on 28775.0 kHz, and 4X6UR on 28599.0 kHz (both USB).

MARS: (No, not the planet!) No call signs given, but the active frequencies reported are 6750.0 kHz, 14485.0 kHz, 14606.0 kHz and 20992.0 kHz. The traffic I've been able to hear on these frequencies has been your typical "Hi, Mom. I'm fine!" messages.

IRAN: Look for IRNA (ISLAMIC REPUBLIC NEWS AGENCY) RTTY English press transmissions on 7802.0 kHz from 1500 to 1730 UTC; 7959.0 kHz from 1500 to 1730 & 1900-2030 UTC; and 19980.0 kHz from 1000 to 1100 UTC (also 1600 and 1700 UTC). [Schedule info via Klingenfuss Utility Guide 1991]

EGYPT: MENA (MIDDLE EAST NEWS AGENCY) RTTY press from Cairo, in English and French, can be received on 15935.0 kHz, on and off from 1100 to 2100 UTC. Also, 5275.0 has been active, but this is not really the best frequency for a USA-to-North Africa path during EST afternoons! [Schedule info via Klingenfuss Utility Guide 1991]

The ANARC Net is also a great source of up-to-date SWBC info (for those who can't handle the unpredictability of utility monitoring).

For those who want an extensive list of military frequencies, look no further. I came across the following list on America Online. Most of these frequencies will be familiar to military communications fans, and I've heard activity on many of them at various times in the past:

kHz	Service
2182.0	International Calling/Emergency
2716.0	US Navy Harbor
3023.0	US Navy Tactical
3130.0	US Navy Tactical
4517.0	USAF MARS
4593.0	USAF MARS
4727.0	SAC (Channel Victor)
5703.0	USAF TAC Air (Assigned to Base in Saudi Arabia)
6683.0	Andrews AFB (Mystic Star)
6697.0	US Navy Tactical
6705.0	USAF Air/Ground
6715.5	Assigned to Base in Saudi Arabia
6723.0	US Navy (Raspberry Channel)
6738.0	USAF Air/Ground (Assigned to Base in Saudi Arabia)
6750.0	USAF Air/Ground
6753.0	Assigned to Base in Saudi Arabia
6761.0	USAF SAC
6927.0	Andrews AFB (Mystic Star)
8972.0	US Navy (Atlantic)
8989.0	USAF Air/Flight

8993.0	USAF Air/Ground
9014.0	USAF AWACs
9027.0	USAF SAC Air/Ground
11176.0	USAF Air/Ground (Assigned to Base in Saudi Arabia)
11200.0	RAF (Flight WX)
11214.0	USAF AWACs (Norad)
11228.0	USAF Air/Ground
11234.0	RAF Air/Ground
11243.0	USAF SAC Air/Ground
11246.0	USAF Air/Ground
11267.0	US Navy HICOM
11494.0	USAF SAC Air/Ground
12047.5	US Navy MARS
13181.0	US Navy HICOM
13201.0	USAF Air/Ground
13204.0	USAF AWACs
13214.0	USAF Air/Ground (assigned to Base in Saudi Arabia)
13241.0	USAF SAC Air/Ground
13244.0	USAF Air/Ground
13247.0	USAF Tactical Air/Ground
13826.0	US Navy MARS
13974.0	US Navy MARS
14441.5	US Navy MARS
14470.0	US Navy MARS
15015.0	USAF Air/Ground (Assigned to Base in Saudi Arabia)
15035.0	Canadian Military WX
15036.0	Assigned to Base in Saudi Arabia
15041.0	USAF SAC Air/Ground
15091.0	USAF AWACs
17975.0	USAF SAC Air/Ground
18002.0	USAF Air/Ground
18019.0	USAF Air/Ground
18027.0	Canadian Forces
20631.0	USAF SAC Air/Ground
23220.0	USAF Flight WX
23337.0	USAF Air/Ground

From: KA2EYP@K.B4N, via America Online. All US Military traffic is on USB for voice and LSB for data.

I can't promise that you'll hear anything sensitive to national security on these frequencies, but even the MARS traffic gives you a different insight into what's going on in the Gulf.



Best wishes to all, especially to those serving the United States and the world in the Middle East.

73 de Paul

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