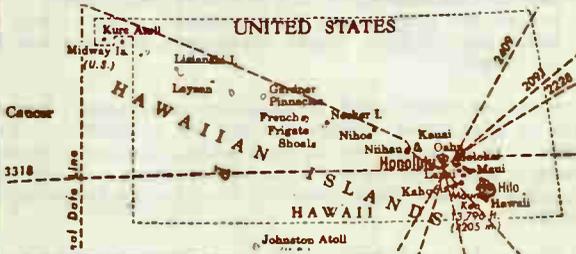


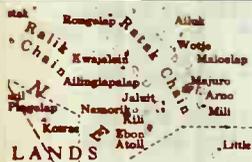
# FRENDX

**SUPER  
ROCK  
STATION**

# KYOI



Department of Commerce  
NATIONAL BUREAU OF STANDARDS  
**RADIO STATION WWVH**  
MAUI, HAWAII  
(20° 46' 02" N — 156° 27' 42" W)



RADIO TAHITI BOITE POSTALE 125  
PAPEETE



FOR SALE: Active antenna, Radio West KRS whip, long lead-in, pre-amp, and power supply. Compares nicely with my longwire but no longer needed. \$45.00 includes UPS shipping. Carl Mann, 416 Hanover Road SW, Cedar Rapids, Iowa 52404.

FOR SALE: Panasonic 085 SW/AM/FR "pocket" receiver - \$25.00. Excellent, Sony 2001, - \$99.00. Excellent. Zenith Transoceanic R-8000 - \$78.00. Excellent. Prices are firm. Call 1-205-553-4715 - 0001 hours to 0300 hours - GMT - not collect. Scott Davenport, 403 Woodland Hills, Tuscaloosa, AL 35405.

FOR SALE: Modified Yaesu FRG-7 in excellent condition. Two selectivity positions: Gilfer 3 kHz or Radio West - installed 2.9 kHz mechanical filter, switchable fast/slow AGC. In original carton with manual; matching speaker and Gilfer GAR-7 digital readout included. \$400.00 for all of above. I pay shipping and insurance in 48 contiguous states. Gene Nix, 428 Prairieview Drive #A, Gillett, WY 28716. 1-307-682-2623.

FOR SALE: Galaxy R530, SC-530 speaker with manuals - \$275.00. Gilfer A-20 Pre-Selector - \$20.00. FRENDX - Complete 1/77 - 12/78 : WRTH 78 - 81 Best Offers. Cashiers check or money order. All items plus shipping. Al Drehmann, 11714 SW 129 Court, Miami, FL 33186. 1-305-385-3879. No collect calls.

FOR SALE: Radio Shack TRS-80 #PC-2 hand held computer and color printer. Over \$400.00 new - asking \$175.00.

National HRO-50 with four original coils. Gem condition - \$150.00, plus UPS shipping. Jerry Rubackin, 407 Highland Avenue, Somerville, MA 02144. 1-617-628-0917.

FOR SALE: AEA MBA-RO teletype reader, power supply and stand. World Press services frequencies and Gilfer Guide to RTTY frequencies. Used one month, boxed, mint condition - \$270.00.

Heathkit DX-60B transmitter, HG-10 VFO and HR-10B receiver - \$150.00. I will ship. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. 1-616-335-2270.

FOR SALE: Ameco PT-55 pre-amplifier in good condition - \$45.00.

Sony ICF-5900W portable with manual, original carton and new AC-120W adapter. Very clean - \$90.00. John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423 1-716-538-2582.

FOR SALE: MFJ-1040 new all band receiver pre-selector in original box with instructions 1.8 to 54 MHz, up to 20db gain, 20db attenuator, takes two antennas - \$70.00.

Armiron FM stereo radio watch, brand new with batteries - \$25.00. Sell separately or both for \$89.00. Alan Plotnick, 77 Woodlawn Street, Hamden, CT 06517 1-203-281-3915.

FOR SALE: Drake R-7A with five crystal filters for best selectivity. Used two hours. With new operators manual, schematics, service manual, accessory plug for D.C. for use in car, SP-10 Yaesu speaker with 5 tones for best sound. Also has three SO-238 receptacles on back to replace UHF connections. Receiver is in excellent condition. Price - \$1,050.00. I will pay for shipping and insurance in 48 contiguous states. Bill Mercer, 1279 Cedars Road, Collegeville, PA 19426. 1-215-584-4096.

FOR SALE: Used two hours - Gilfer-Drake R-7A with five crystal filters for best selectivity. New operators manual, R-7A service manual with schematics and accessory plug for DC for use in car. Speaker SP-10 from Yaesu for clear, 5 tones for best sound. Drake uses UHF fittings, which I think his antenna connections are not as tight as Coaxial, so I have changed over to SO-239 receptacles. Which you have three held in an epoxy cement on back. In mint condition. I will pay shipping and insurance in 48 contiguous states. Bill Mercer, 1279 Cedars Road, Collegeville, PA 19426. Price - \$1,050.00. 1-215-584-4096.

**UPDATE ON WHITE'S RADIO LOG**

Don Gabree of Worldwide Publications writes that the new edition of White's Radio Log will be ready for mailing the first week in August. Because of increased production costs the price has risen to US \$4.95 plus \$1.00 postage and handling, but those who ordered at the pre-publication price of \$3.95 will receive the Log for that amount. Others interested may order it for \$4.95 plus \$1.00 postage and handling from Worldwide Publications Inc., P.O. Box 5206, North Branch, NJ 08876.

**WANTED:** Hammarlund HQ-180A or HQ-180C in very good to excellent condition. Would also like original speaker if available and manual for receiver.  
**FOR SALE:** Back issues of FRENDX. all issues from 1974, 75, 76, 80, 81, 82, and July 1973. Sell by complete year only. Excellent condition. Price 75¢ plus shipping. Ron Joseph, 5 Fredonia Avenue, Lynchburg, VA 24503. Phone (804) 845-0860 2000 to 0200 GMT M-F. Anytime weekends.

**FOR SALE:** Drake R7-A receiver, Gilfer modified. Five selectivity filters, AUX-7 program board covering 60, 49, 31, 25, 19, 16 meter bands. Original container and manual. Price \$1500.00. I will ship UPS in U.S. Contact Michael Brady, 433 Bellevue Way, S.E., #406, Bellevue, WA 98004. Phone (206) 451-9281.

**WANTED:** National HRO-60 manuals, schematics, NFM adapter, speaker, or tuning coils G or above. Please write or call stating price and condition. Austin Kelly, 6524 South Sacramento, Chicago, IL 60629. Phone (312) 776-5144.

**FOR SALE:** Drake R4-C in excellent condition. Recently modified and aligned by Sartori Engineering with a narrower Sherwood 1st IF filter, 3 solid state tube replacements and Drake update modifications. Coverage is 120 to 16 meters. Price, \$390.00. Chuck Mitchell, 133 Carlin Drive, Carmel, IN 46032. Phone (317) 846-8874 after 2230 GMT.

And a few more ads below and on the inside front cover. These ads are printed in FRENDX when space permits at no cost to NASWA members. They can not be repeated unless another request is received at NASWA, 45 Wildflower Road, Levittown, PA 19057. Please include information on shipping costs of your "FOR SALE" articles. Please do not call collect to answer ads unless the ad states that such calls will be accepted.

**WANTED:** I need a copy of the owners manual or anything on the Lafayette BCR-101 communications receiver. I will pay the postage, and reasonable cost, and return it to you after making a copy of it. Thank you - Morton Breslow, 1435 Higbee Street, Philadelphia, PA 19149.

**WANTED:** Tapespondents interested in exchanging recordings of all kinds of music, discussing SWling, science fiction, films, etc. Would like to have regular contacts from other members via cassette tape and am also interested in hearing from any NASWA members in the northeastern Ohio area. Send me a tape or drop me a note, and I will send you the first tape. Ron Luyster, 911 Seventh Street N.W., Apartment #3, Canton, OH 44703. 1-216-452-4410, call weekdays after 0400 hours, GMT, after 0000 GMT weekends. If machine answers, leave name and number and I will return call.

**WANTED: VOICE OF THE UNITED NATIONS COMMAND:** If you have any knowledge of this station, which operated as early as 1958 to as late as 1972, I would appreciate receiving whatever information you can share with me. Mike Hardester, 17 Rowan Drive, Havelock, NC 28532.

¡Radioyentes y DXistas! Our two new columnists are with us this month and we want to welcome Andy and Jim aboard. They're eager for your support, of course, but I know they'll have it.

## DXing Indonesia....A Primer by Geoff Cosier



To get started in Indonesian DXing, the first thing to do is familiarise oneself with the type of programming these stations air. Listen a few times to the best signals you can find, whether it be RRI Jakarta or one of the regional stations. You'll soon see that heavy rock or heavy classical music is never played. Note also that there are regular programmed newscasts, relayed by other stations. For example, the RRI (Radio Republik Indonesia - the official government radio net) Jakarta news at 1300 and 1500 UTC are relayed by virtually every audible SW station in the country. Listen for the announcement: "Inilah Radio Republik Indonesia dengan warta berita" - "Here is Radio Rep. Indonesia with the news". If you can hear the regional stations such as RRI Surabaya (Surabaya is the capital of the Province of East Java, or Jawa Timur), listen at 1400 UTC. Then, RRI Surabaya has a provincial newscast. This is relayed by all (SW) stations in East Java; this news is preceded by a piano IS, in difference to the famous 'Love Ambon' or 'Song of the coconut islands' IS that precedes most other news relays. The correct name in Indonesian for this is 'Rayuan pulau kelapa', which literally means 'Melancholy coconut islands' or such! I remember once reporting an RRI several years ago, stating that I'd heard Love Ambon prior to the nx. The response came back that it was not that, but Rayuan Pulau Kelapa! So there seems to be a difference of opinion, hi.

So what of all this music one hears from Indonesia? Culturally, Indonesia is of a predominantly Moslim following, hence the reason for that type of music being heard (whether it be a recitation from the Holy Koran, or 'genuine' Arabic music of the instrumental variety). For the uninitiated, the Koran reading sounds like 'a man wailing'! But woe befall any DXer who uses that phrase in a reception report! As the Hindu culture had a grasp on Indonesia many many years ago, even today Indian style music is very popular there, in the form of 'lagu melayu'. This is a blend of Indian music and Indonesian popular music elements. It is most pleasant and immediately identifiable. One of the most famous Indonesian exponents of this style is Elvy Sukaesih. Indonesian 'pop' music, or 'lagu pop' (or 'lagu populer')

is probably the most widely heard music from this country. It is usually bouncy (and, dare I use the term?!), gay and happy. I suppose that if one word had to be tagged to Indonesian music, 'melodic' would be it. One of the most melodic styles is 'kroncong' music ('lagu kroncong': also spelled keroncong), similar to Hawaiian guitar tunes. Kroncong (pronounce 'c' in Indonesian as 'ch', please!) Refers to the instrument of the same name, which is not necessarily present in the music! Kroncong music can be instrumental or vocal, and is very soothing indeed! The last of the modern music styles is 'lagu hiburan' (lagu means song, but is often used to refer to music in general). 'Hiburan' means comforting, and that is exactly what this style is: Indonesian 'easy listening' music. It is similar to kroncong music, except that the Hawaiian flavour is absent. But undoubtedly the most famous musical style is Gamelan. This unique music is purely percussive, with the exception of one flute. It is mainly used for special religious occasions, or to accompany 'wayang', or live Indonesian drama. Wayang may be the form of Wayang kulit (puppet shadow plays) or one of the many other types of wayang, using live performers as the characters, or using wooden puppets, etc.

For reception reports, except in a few cases, Indonesian is a must. If you are using an Indonesian dictionary, make sure it is in the 'current' spelling. Not too many newer DXers would realise that there were revisions to the spelling in the early 1970's. Hence 'dj' became 'j' (Jakarta, not Djakarta!); 'tj' becomes 'c'; 'j' becomes 'y', and 'ch' becomes 'kh'. Reply postage does not seem mandatory, but if you can send the station some mint stamps, do so. IRCs seem to be unheard of, except in Jakarta. When reporting a station, make sure that your report period does include local programming, rather than just details of a Jakarta news relay. Otherwise, a rebuff will occur. Indonesian stations appear to maintain very accurate logs of their programming, so a QSL from an Indonesian station is usually about as 'genuine' a QSL as you will ever get. By the same token, if any major errors are present in the report, the chances of getting a QSL will be lowered considerably! Do not give SINPO ratings or detailed technical info to the station (unless it is one of the larger RRIs); the smaller stations (especially the RPD, or Radio Pemerintah Daerah - local government radio) do not understand the SINPO code.

Don't forget that most RRI stations carry advertisements; usually in blocks. If you can get any product names (Rinso, Coca-Cola, Indomilk, etc!), this is an excellent verifiable part of a report. But don't hold your breath waiting for these ads ('iklan') to appear, as they may only come up once or twice in an evening.

There are many terms that are part of Indo-DX jargon! Perhaps the short list following will clarify a few points to the uninitiated:

Pemerintah Daerah: Local government	Kepala studio: Studio head
Kabupaten: District	Khusus: Special
Tingkat 2 (dua): Level 2 - so, 'Radio Pemerintah Daerah tingkat 2' is: Level 2 Local Government Radio	Pendengar: Listener
Bahasa Indonesia: Indonesian language	Berita daerah: Local news
Oleh raga: Sport	Berita keluarga: Family news
Tanda tunggu: Interval signal	Relay: Relay!
Fenyalar laki-laki: Male announcer	Penyalar wanita: female announcer
Pengajian Al Qur'an: Koran recital	Iklan dengan nyanyian: Singing advert
Tanda waktu: Time signal	Jalan: Street
Laporan: Report	Terima kasih: Thank you

So, TERIMA KASIH for your attention, and all the best in your Indonesian DXing!



If you'd like to see more of Geoff's good work, you're in luck! The popular "Down Under DX Survey" is available, and the latest edition can be obtained from: 7 Donald Road, Burwood, Victoria 3125, AUSTRALIA. The cost is 6 IRCs or \$2 in U.S. cash (please, no checks). The latest effort features a fascinating look at David Foster's trip to Sumatra, Indonesia.

And while you're at it, look into "DX Australia", a top-notch bulletin from "down under" especially for DXers. Interested? Send 3 IRCs or \$1 in mint Australian stamps to: DX Australia, P.O. Box 80, Victoria 3131, AUSTRALIA. Would you mention SWC?

Thanks, Geoff!! We'll have more Indonesian info for you later on. (JH)

# Riding the Magnetic Storm

by Al Sizer

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

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

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

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

I'm convinced; something is really up. I turn to WWV for the 0118 propagation report: Solar Flux-159, A Index-75, Boulder K Index-5, a "major geomagnetic storm" is in progress.

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

I turned on my receiver that night in 1972 and incredibly, or so I thought, I logged for the first time Radio Arequipa in Peru at 0050 UTC on 5960 kHz with great strength, plain IDs and Coke ads. My eyebrows still raise when I look at the Sinpo rating I gave it: 44344 (purists will insist that no overall rating can be more than the lowest of its components, but I don't agree).

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

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

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

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

I found this last observation to be true on February 5th. Signals came in strongly from the south and southeast. Hence, all of South America and most of Africa were good, but Europe and the Pacific were non-productive.

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

So what did I reap that was new from the magnetic storm? I heard the unidentified (at this writing) Peruvian on 6520 kHz (still is, right?-JH) with amazing strength for seven minutes, from 0238 to 0243 and later in fade but, unfortunately, all my peaks coincided with Peruvian music and I was unable to hear an ID.

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

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

Good, but might have been better. Too bad I hadn't been able to read Don Jensen's article in his DX series, "On To The Top", in the February

RIDING THE MAGNETIC STORM (cont'd)

FRENDX. He spelled it all out there--the necessity in the face of a great propagational opening for having a plan of attack, of knowing just what stations you want to try for and what not. Don also points out that it is better to have a few good, verifiable loggings to show from a good propagational period than a lot of bits and pieces.

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

Can anyone tell me when that is likely to be?

(I dunno, Si, but call me!-JH)

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EMISORA ARMONIAS DEL CAQUETA, Florencia, Colombia

by Marlin Field (128 Oak St., Hillsdale, MI 49242)

Emisoras Armonias del Caqueta in Florencia, Colombia, started broadcasting on November 23rd, 1982. Its goal is the evangelization of the 300,000 inhabitants of the Department of Caqueta. According to the station's director, Padre Alvaro Serna Alzante, Caqueta is very beautiful with an extraordinary future although now it is beset with a number of problems: forests covering the land, poor means of transportation and guerillas.

The director is a Catholic priest, 45 years of age with 20 years in the ministry. He is a journalist and announcer with a license for radio and television.

The station's programs include the Bible, catechism and other programs of the Catholic faith, human relations, health, folk music, programs on the family, news, and programs for the youth.

The station, according to its director, has been quite successful since it started in November. Its slogan is "a light for the religious and cultural orientation of Southern Colombia."

The station's address is quite simple:

Armonias del Caqueta  
Florencia, Caqueta  
COLOMBIA

(Information based on letter from the director as translated by Marlin.)

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And here's some additional info from Marlin...

TRANS WORLD RADIO at Monte Carlo broadcasts 147 hours each week:

54 hours in 11 languages to Western Europe  
73 hours in 15 languages to Eastern Europe  
20 hours in 7 languages to the Middle East and  
North Africa

(taken from TWR-TRANS WORLD RADIO, Vol. 4, No. 6, June-July 1983)

THE FAR EAST BROADCASTING CO., operating transmitters in 5 countries, broadcasts in 90 languages and dialects, 2000 program hours weekly, a coverage area of two-thirds of the earth's people, and an average monthly response of 30,000 listener letters.

(taken from THE BROADCASTER MAGAZINE, a publication of FEBC, Aug/Sept 1982)



*Emisoras*

*Armonias del Caqueta*

M.I.V.K.

30 KW - 870 KHz

Canal profesional

3 KW - 4875 KHz

Canal com.

# A twist of the dial can transport you to foreign lands

By Sam Alcorn  
Special to ENR

There's nothing like the real thing splashing in Dunn's Falls in Jamaica. Meandering through the streets of the Casbah. Touring England's country manors.

But few of us have the opportunity to travel year-round, and I usually need something to tide me over till next year's jaunt. That's where my shortwave radio comes in handy.

With the twist of a dial, I can be in the outback of Australia or strolling down Unter den Linden in Berlin. Depending on my mood, I might touch down in Egypt or see what's doing in South Africa. On the way, I can listen to the call of Mecca, the steel-drum sounds of the Caribbean or tomorrow's weather report for Brasilia.

Shortwave radio brings you all that and more. It's a way to experience cultures and customs without ever leaving home.

For the uninitiated air-chair traveler, a quick explanation:

Shortwave radio signals bounce around the globe like a Ping-Pong ball in play. This makes it possible to hear hundreds of stations whose signals originate thousands of miles away. You can hear broadcasts from Moscow, Athens and Peking as if they were coming from down the street.

What's more, a good number of these broadcasts are destined specifically for American listeners. Many are served up in English for those who don't know enough of another language to find a bathroom.

What can you expect to hear?

For starters, try London via the British Broadcasting Corp. (BBC). What began as a service to keep expatriates in touch with the mother country has evolved into one of the best-known international broadcasters in the world.

Celebrating 50 years of service on the shortwave bands this year, the BBC boasts an audience of more than 160 million regular listeners.

The BBC World Service can be heard around the clock in the United States and almost anywhere else in the world. You can hear Big Ben tolling the hour and have a front-row seat for "News About Britain," "Radio Newsweek" (an international news summary), classical concerts, interviews and, yes, quiz shows, British style.

Theater buffs can catch a sneak preview of London's stage as well. For example, Money, the 1940 comedy revived last year by the Royal Shakespeare Company, made its radio debut on the BBC, entertaining millions worldwide.

The BBC can be heard on a dozen or more frequencies. During the day, 15.870 megahertz (MHz) and 15.260 megahertz sound best in the Philadelphia area. At night, try 6.175 MHz and 9.410 MHz.

One of my favorite stations is Spanish Foreign Radio, which broadcasts from Madrid. Its programs are a gold mine of information for would-be travelers.

As I counted down the days to my recent trip to Spain, I tuned in nightly. The broadcasts picked up

where the travel guides and my travel agent left off, giving me an up-to-the-minute picture of the political and economic scene in Spain. Not only that, I also had a radio tour of the 12th-century Alhambra fortress and a guided expedition to Ronda and the "white towns" of Spain.

In the northeast, Spanish Foreign Radio can be heard daily from about 7 to 9 p.m. on 9.430 MHz and 11.800 MHz.

Many stations, like Swiss Radio International, have special programs for would-be travelers. "Round About Switzerland," for example, is a tour of little-known points of interest. It airs the second Saturday of each month.

But there's no need to wait until then to hear Swiss Radio International. You can find it daily on 6.135 MHz from 8:45 to 9:45 p.m. ("Round About Switzerland" is heard during this time period).

New Orleans-bound vacationers might want to drop in on WRNO. Worldwide before leaving for Cajun country.

Called the Rock of New Orleans, WRNO holds the distinction of being the United States' only commercial shortwave station. It has been on the air for just over a year.

One of WRNO's goals is to give tourism a shot in the arm. During Mardi Gras, parade updates and announcements come several times an hour. With the 1984 World's Fair set to take place in New Orleans, WRNO is already spreading the word.

You can hear WRNO from 7 to 9 p.m. on 11.965 MHz. You can't miss it — transmission begins with "Way Down Yonder in New Orleans."

## Learn a language

Shortwave offers the opportunity to learn a new language, or to brush up on an old one.

It won't take long to find German, French, Arabic or Russian on the dial. Serbo-Croatian, Farsi and Swahili may be harder to find, but are there for the listening, too. Radio Peking offers Chinese lessons, and Spanish Foreign Radio airs Spanish for beginners.

The airwaves offer some unusual fare, too.

Some readers will remember Tokyo Rose Update her by about 40 years. More the battle to the Falkland Islands and you have Argentine Annie. She became an instant hit among shortwave listeners who, during the Falklands war, were eager to hear a bit of radio history in the making. Argentine Annie has since left the airwaves, of course.

From WWV, time bugs can always get an accurate reading, courtesy of the nation's time-keeping station in Fort Collins, Colo. WWV is easy to

find. During the day, tune to 15.80 MHz. At night, 10.80 MHz is loudest.

The Canadian time-keeping station, CHU, can be found at 7.335 MHz, in both French and English.

Experience has shown me that it's a good idea to carry a shortwave radio along on vacation.

My wife and I were in Venezuela a couple of years ago when President Reagan was shot. We heard the news at poolside. We were told that Reagan had been killed along with several aides.

Back in our Caracas hotel room, all we could make out on the television was "Casa Blanca," the Spanish for White House. To make matters worse, we were disconnected when we tried calling the U.S. Embassy.

It wasn't until the next morning, when the English-language newspaper, The Daily Journal, hit the newsstands that we learned what had really happened back in Washington.

Much of our concern could have been alleviated if we had had our portable shortwave radio. We could have tuned in the Voice of America, which broadcasts from 15 sites around the world, or American Armed Forces Radio.

## Not expensive

Many people think of shortwave radio as expensive, with monstrous antenna structures straddling the roof.

Some portable receivers with one or two shortwave bands sell for less than \$50.

My first shortwave set was an old tube model. A neighbor found it crusty and dirty, in her basement. It was an ugly thing without dial or casing, and had a separate speaker that I had to prop up with a stack of books.

Despite all that, it worked, and I could hear more than 30 countries from my basement listening post.

Tuning in a shortwave station is no more difficult than finding the Phillies or Eagles game on the clock radio. With just a little practice and patience, you can learn when and where to find the station you want to hear.

A general rule of thumb is to tune just above 6 MHz, and just below 10 and 12 MHz during the evening. During daylight hours, listen just above 15 MHz and just below 18 MHz.

And try using an outdoor antenna that's about 50 feet long. The longer the wire, the more stations you'll be likely to hear.

Of course, not all countries have shortwave broadcast facilities. And some that do are virtually impossible to hear in this country.

Computer and Electronics magazine periodically publishes lists of broadcasts being heard in North America. For an even more detailed listing, you might join one of the many clubs serving shortwave

listeners.

The North American Short Wave Association, for example, will send members a monthly newsletter listing stations, times, frequencies and reception tips. Annual membership is \$16. For further information, write the association at Box 13, Liberty, Ind. 47531.

No half-hearted listener would be without the *World Radio-TV Handbook*, the most complete guide to international broadcasting. It's crisscrossed with station information, frequencies, addresses and equipment reviews. Published in Denmark, the *World Radio-TV Handbook* can be ordered at most bookstores through Giffel Associates, Box 239, Park Ridge, N.J. 07656.

## A souvenir

Souvenirists aren't happy with just hearing a far-away station like travelers. They want a souvenir or proof that, indeed, they have tuned in the Voice of Radio Belize or Radio Luxembourg.

Verification is easy enough. All it takes is a reception report sent to the station (some stations request that an International Reply Coupon, available at most post offices, accompany the report to cover return postage).

A reception report includes some basic information such as the date and time you heard the station, frequency, signal quality, amount of interference, if any, and a few program details.

In return, the listener will receive a verification card or QSL, as hobbyists call them. Verifying 25 countries is quite easy. A hundred or more requires some sophisticated know-how in tracking down the rare, hard-to-hear stations.

For starters, try some of the following stations. All times are Eastern Standard Time.

- Radio Australia, 6 p.m. to 8 a.m., 9.580 MHz.
- Radio Free Grenada, 4:15 to 7:30 p.m., 15.045 MHz.
- BRT, Belgium, 5 to 5:45 p.m., 6.225 MHz.
- Radio Sofia (Bulgaria), 5:30 to 6 p.m., 9.70 MHz.
- Kol Israel, 5:30 to 6 p.m., 9.825 MHz.
- Radio Canada International, 6 to 8 p.m., 3.960 MHz.
- Radio Moscow, 7 p.m. to midnight, 9.60 MHz.
- MCJB, Ecuador, 7:30 to 8:30 p.m., 15.175 MHz.
- Vatican Radio, 8 to 8:15 p.m., 9.405 MHz.
- Radio Peking, 8 to 9 p.m., 15.120 MHz.
- Austrian Radio, 8:30 to 9 p.m., 5.945 MHz.
- Radio Nacional, Brazil, 9 to 10 p.m., 15.290 MHz.
- Radio Cairo, 9 to 10:45 p.m., 9.475 MHz.
- Radio Nederland, 9:30 to 10:30 p.m., 6.990 MHz.

Presenting our hobby to the public, via the media, poses special problems. Sam Alcorn is a journalist who had the above article published in the Philadelphia Inquirer, hoping to promote interest in SWBC as an information and/or entertainment medium. The response was good, Sam tells me, even from his colleagues who often posed that old familiar query, "Can you talk to them too?"

Sam is hoping to write a regular SW column in his local paper but finds there isn't enough time these days to pursue it. Likewise, Sam is getting a lukewarm reception from other large daily papers he's approached about the story. Anyone else with a similar experience?(JH)



# Loudenboomer

## The Charlie Loudenboomer Report

### THE CHARLIE LOUDENBOOMER REPORT

"What can I do?" Morty asked me plaintively.

My friend, I knew, had been trying desperately for several years to make a big name for himself in the listening hobby. But he was, alas, still a nobody in his own eyes, the great unknown.

"Take a guy like Gene Hamster," Morty moaned, naming the well-known host of SWL programs and editor of bulletins. "He's known far and wide. What's he got that I have not?"

"He's got an attention-getting ploy that works," I answered quietly.

Morty stopped sobbing and looked interested.

"Look," I continued, "when I say the name Gene Hamster, what's the first word that comes to mind?"

"You mean...."

"Right," I interrupted, "you think of UKOGBINGO, his awfully clever acronym for the United Kingdom of Great Britain, including Nearby Governmental Outposts."

"Or how about his 'semi-sesquikilobucks,' instead of \$75,000?" Morty chimed in.

"You've got it," I continued, "It's his word-gamesmanship that attracts attention to what he has to say."

Morty had seen the light. He bounded off my front porch and disappeared down the street. It would be nearly a year before I would see him again.

But, I must admit, I heard a lot about him in the following months. His name kept cropping up in DX bulletins here and abroad. Always it was in connection with some cute new acronym or terribly catchy phrase.

Before long, Morty's substitute for Hamster's tired old acronym for Great Britain was on everyone's lips and in every bulletin. BBC logs, invariably, were listed under CHUCKENDIRELAND.

DXing the lowest of the Tropical Bands became known as "fathomscoring," thanks to Morty. (Someone had to explain to me that a fathom measures 6 feet, a score means 20, so multiplied, they equal 120!)

Morty soon was championing the tuning of unintentional transmissions by medium wave stations on shortwave multiples of their fundamental frequencies. Anyone who failed to share his enthusiasm for these spurious broadcasts he scathingly dubbed, "harmonic depressives."

If one found true joy in tuning tough DX you were denounced as a "delightist." "Cloned clubs" were those which stubbornly refused to copy verbatim his witticisms in their pages. They were brutally attacked with acidic barbs from Morty.

Indeed, it wasn't long before Morty's name was known worldwide! Hardly anyone ever mentioned the name of Gene Hamster anymore. Sic transit gloria mundi!

Well, I ran into Morty again the other day. He hardly looked like the depressed fellow I'd last seen.

"I've made it, Charles," he said, quite smugly. "I'm right there on top now. Everybody looks up to me and thinks I'm the greatest!"

As I looked at this changed Morty, a phrase just popped into my head, something that I'd heard somewhere, long ago.

"Don't you believe it," I muttered, "don't you believe it."

## Great 60 Meter Band Fire of 1971....

Edward C. Shaw

Seems like every convention I attend there are always a few who come up to me with the question, "Weren't you the same Ed Shaw who started the 60 meter fire about ten years ago?" Somewhat embarrassed and surprised by this sudden and unsolicited mention of praise I admitted that I was the same. Invariably, I was always asked to recount the excitement and benefit of newcomers to the hobby since the event. Taking a seat at the nearest table, I would sit back and squint off into space and try to remember just how it all started. Oh yes, now it all comes flooding back to me....

It was about 0400 GMT one September night. The upper frequencies had been turned off and most of the Latins had already signed-off for the night. I was still puttering around the 4473 kHz area, having just left the band not long before, when I thought I heard the muffled cry of "Fire!" Thinking that some member of my own household was perhaps in trouble, I turned the earphones away from the sides of my head and turned to listen. The house was quiet and everyone asleep, so I went back to concentrating on what I was doing. I tuned up to 4485 kHz and caught the end of a speech of a Soviet announcer speculating on corn futures. Some faint crackle, but otherwise not too much QRM. Still, I heard again that faint call, "Fire!" This time the sound seemed to emanate out of my right earpiece.

I tuned further up frequency and approached 4679. Espejo was there, but the fire cry was louder and plainer now. Somewhat confused and with a warmish sensation felt in my right ear and by the obvious excitement of "Fire!", I began to crank the dial up quickly now. Once again, "Fire!" I was intrigued! What in Heaven's name was going on? I felt my hand jerk to one side as a rapid voice in Spanish shouldered his way across my i.f. I recognized it as Radio Bolivar, Venezuela, from the other side and heading down frequency. Holy Heterodynes! What was it doing down here around 4700 kHz? Tuning up frequency some more I encountered Radio del Galapagos, Radio Ribamar-Brasil, and Radio Lara-Venezuela, and headed down frequency in one helluva hurry. By the time I had tuned to Radio Tachira-Venezuela, I understood what was going on. Here was a jamming station staggering down frequency, upper sideband scorched and still burning. Just a few kHz up, a roaring fire was settled right between Radio Juventud and Emisoras Gran Colombia. Both stations were infernos! I gave the dial a running spin on my dial knob and leaped across the damaged spectrum, landing right on top of Caracol Neiva, scraping my knuckles. As just as well I reawoke them. Having just gone off the air, their transmitter had not yet shut down. Together we tuned further up frequency and got away from the spreading flames. Everyone remaining on the air was being pushed upwards and a traffic jam was forming around WWV. With a concerted effort, we dislodged the monotonous beep to one side and most of us got away. I heard later that night that 16 stations were destroyed, their transmitters had distorted carriers and sidebands, and WWV was badly damaged. Even the lower portion of the 49 meter band was beginning to get warm and melt. Radio Canada International reportedly will file a lawsuit with the ITU in an attempt to recover barber expenses for MacFarland's singed beard. Hoping that there would be no further damage, I tuned way on up frequency in case any sparks rising might spontaneously ignite. Everything was fine as far up as 31 meters. Along the way at 9800 kHz I found Hauser feeling around for warm-spot harmonics, but otherwise no other damage was apparent. Throughout the next week, through phone calls and cards, I learned that several receivers had been burned, charred speaker cones, two had antenna lead-ins melted. One collection was completely incinerated because the DXer had them all taped on the wall over his receiver. Several NASWA members reported

Several years have intervened now. Some destroyed stations remained on the air. Others have rebuilt with new and better firefighting capabilities.

(cont'd.)

THE GREAT 60 METER BAND FIRE OF 1971 (cont'd)

I regret that those of you who had reports out to stations between 4875 and 4930 kHz will have to resubmit since most all reports went up in smoke.

To aid in better band protection I have installed a smoke detector in my i.f. section. In case of fire anywhere in my tuning vicinity, a neon pilot on either side of my main dial indicates direction of the blaze in order that I may tune the opposite way and pass the word.

Let this be a lesson to all!



Bill Krause's article in the May SWC ("The Home Computer As A Tool For The DXer") has certainly generated great interest in this new-to-NASWA area. Doug McClure (no address given) writes that he would like to see a regular computer column in FRENEX and has generously offered his services. Doug has been a DXer for about 7 years, edits his company's newsletter and has been a computer hobbyist for quite a few months now. Bill Cole (107 Charles St., N. Cape May, NJ 08204) has also joined the ranks, having purchased a VIC-20 and is in the stages of working up a program designed to process the data gathered by Roger Legge in his English schedules published here in SWC. Bill phoned the other night to mention that he is near completion of the program and it should be available to club members very soon. Chuck Oliver (1314 Sawdust Rd., Spring, TX 77380) writes to say that the recent FRENEX covers, featuring old-time radio ads, brings back some fond memories for him. Apparently, Chuck used to subscribe to RADEX and his first shortwave receiver was a McMurdo-Silver, won in a contest. Chuck had quite a few QSLs from that era at one time. John Rowlett (7135 18th Ave. SW, Seattle, WA 98106) forwards a clipping from the Seattle Post-Intelligence regarding the possibility of an over-the-horizon backscatter installation at McChord AFB. An impact study is underway to determine environmental effects but, alas, no mention is made of the impact on shortwave. A list of air controller/pilot frequencies has been received from Joseph Sobek (673 Hamilton Ave., Chambersburg, PA 17201) given to him by a military pilot. Thanks, but I'm afraid they don't fall within the SWBC-only guidelines we adhere to in FRENEX.....I'm sure Joe will send interested parties a copy.

Pick up a copy of the latest Popular Communications (August). "Mr. QSL" himself, Gerry Dexter, writes a regular column, "Listening Post", as well as a number of fascinating feature articles, including his most recent "DX Program Directory". You're in good hands--Gerry is one of the best. If you can't find a copy locally, write to: Popular Communications, 76 North Broadway, Hicksville, NY 11801. A 1-year subscription is \$12.



I need your ideas and suggestions concerning possible future columns. Several have mentioned interest in a musings-type column; a way for us to get to know each other better. Our fearless leader, Bill Oliver, has become aggressive in starting an SWL-Program column, but we need a volunteer. Anyone? A quick note or a post card would sure help. (JH)



# Vintage Vignettes

WDX3UPA, Bill Taylor, Box 132, Unionville, PA 19375

## THE ANTIQUE WIRELESS ASSOCIATION

From time to time, I have given you brief glimpses of the most venerable of the antique radio clubs. This month, however, I would like to more deeply acquaint you with the Antique Wireless Association (AWA).

The Association was founded in 1952 in order to foster the preservation and historical documentation of the field of communications. It is a member of the American Assoc. of Museums and the Regional Conference of Historical Agencies. A.W.A. operates as a non-profit organization under the laws of the state of New York. There are currently over 2000 members of the Association, most of whom are quite active in various endeavors having to do with the history of "wireless".

There are several methods used by the Association in the promotion of historical research and preservation. Probably the most important means to this end is accomplished through the publishing of the quarterly bulletin, "The Old Timer's Bulletin" (OTB). The OTB is a regular source for the dissemination of members' research. More thorough efforts are published in AWA Monograph booklets. Another source of stimulation for historical research would be the meetings that are sponsored under the auspices of the Association. These convocations are held in conjunction with both museums and other amateur and professional organizations (i.e., IEEE, ARRL, SOWP, etc.). Slide shows have been presented at many of these affairs with great success.

The OTB is the most visible benefit of membership. It is published quarterly in March, June, September and December. Weighing in with a hefty 32 to 36 pages per issue, and very professionally set in print, the Old Timer's Bulletin is a bargain at two dollars per issue. Each issue brings many stories on tubes, sets, horn speakers, old stations, manufacturers histories, tips for restorers, book reviews, olde tyme ham ads (buy/sell/swap), and much more.

And, finally, what would more complement this organization than its own museum? The Electronic Communications Museum (located in East Bloomfield, N.Y.) houses and displays over 25,000 pieces of radio and wireless parts and equipment. The museum offers guided tours and demonstrations from May through October on Sundays (2 to 5 pm) and Wednesdays (7 to 9 pm). Groups may visit by appointment (Bruce Kelley, W2ICE, 716-657-7489). And remember, admission is FREE.

Those of you wishing to join, or those interested in obtaining more information, should write to Richard Ransley, 17 Sheridan St., Auburn New York, 13021. Request the AWA information packet and a membership application. Please ship them a large SASE with your request. Thank. The dues are \$8.00/year (1st class) and \$16.00/two years; \$10.00 US/year for overseas airmail. Believe me, its money very well spent. Hi.

The following page contains clippings from the AWA museum brochure. Please pay special attention to the replica radio store c. 1925, and to the functioning amateur station W2AN.

Best wishes and good hunting.

73 de Bill

Footnote: Still need OM to spell ur ed 4 6 months while in research on a book on the history of communications gear. Pse QSL. Tnx.

# CONTACT

Editor: Andy Robins, 2850 Cleveland, Apt. 318, St. Joseph, MI 49085

This corner of Shortwave Center may be unique. Certainly not due to anything connected with the editor. "Contact" is special because it will reflect the members who contribute their thoughts and opinions. This is a "reader's," not an "editor's" column. If there are no contributions there will be no column. This space is yours to debate issues of interest to NASWA members. There are only a few things you will never see in "Contact": personal attacks, ad nauseum discussions concerning the phony "DXer-versus-SWL" and "QSL-Anti-QSL" debate, as well as otherwise legitimate items that simply belong somewhere else in FRENEX. As editor, I promise not to indulge in the regrettably common practice of "getting the last word," though I will correct factual errors.

This being a new venture, I will have to break my first cardinal rule this time around and toss out some topics for dialogue:

The effect of communication satellites on shortwave broadcasting has drawn quite a bit of attention. However, most writers have dealt only with direct satellite broadcasting as a substitute for terrestrial HF systems. This revolution in international broadcasting is still a ways off, but another aspect of satellite technology could have a far more immediate effect on what you hear between 1.6 and 30 MHz. Do you like to tune in small, microscopic countries like the Falklands or the Cook Islands? Satellites may spoil your fun. Stations in such areas may find they can better serve their listeners by feeding low-powered local mediumwave or VHF-FM transmitters by satellite, dropping the SW service. True, SW covers a large area more economically than either MW or VHF, but that advantage means nothing if the listening population is concentrated in bunches. Such an audience can get studio-quality, fade-free signals from local satellite-fed transmitters at a cost competitive with SW.

Satellites will not kill off domestic SW broadcasting completely, though. Countries like Australia must serve very small, widely scattered groups. The Australian Broadcasting Commission is now thinking about building new SW transmitters to serve far-flung Northern Territory listeners. Until direct satellite broadcasting arrives, SW will be the best way to reach this kind of audience.

This is but one of many technically-oriented issues we can discuss in "Contact." Others include: are home computers compatible in the radio shack? They are a notorious source of QRM. Someone must have practical hints on suppressing such noise, and turning the computer to tasks of greater import than cataloging QSLs. The Great Power Race, jamming: all are grist for the mill.

If you are as technically-retarded as I am don't worry. "Contact" will not dwell entirely on hardware. One should not concentrate on the means of transmission at the expense of the message being transmitted. I encourage all readers to share their thoughts on the vast, occasionally wonderful, more often mediocre, and sometimes downright awful area of SW programming. Why are most "DX programs" less than useless? Can we as listeners do anything about it? Should we even try? Why do all the private SW stations in the United States inflict the garbage they do on the world's airwaves? Why do some international broadcasters try so hard to distance themselves from the countries they ostensibly represent?

There are hundreds of other topics. If you would like to get an opinion on any of the above issues off your chest - or on something you think other NASWA members would find interesting - this space will be yours next month. If no one feels like writing I'm sure John can use the space for something else.



Editor: James G. Herkimer, 3255 South Drive, Caledonia, NY 14423

Shaw is going to be a tough act to follow. As author of "DXing to NASWA" and former publisher of FRENEX, Ed's contributions to the hobby are well documented. Not so well known are the numerous articles Ed has received over the years on a variety of subjects, each carefully answered in great technical detail, yet always offering a touch of humor. Ed, more than anyone I know, subscribes to the philosophy of "Technicality and Friendship".

Signal levels on the tropical bands during the summer months can test one's patience, but there are a few methods by which we can alleviate this. First, and foremost, a good ground on the receiver should be used. This can be accomplished by using a ground clamp on a cold water pipe, connected by a heavy or heavier stranded wire. Prior to fastening the clamp to the pipe, rub the area on the pipe with steel wool or fine emery cloth until it's shiny. Ground clamps can be purchased at hardware or electrical supply stores, or fashioned from perforated copper strap used to hang long runs of copper tubing.

If you are using a coax feedline for your antenna, grounding the braid to ground prior to where it enters your house will also help reduce noise. This is also true if the feedline is used on a longwire antenna, where the braid is not connected at the antenna end. Carefully strip away about 1/2" of the vinyl jacket on the coax, careful not to cut the braid. With the jacket now exposed, prepare the connection by stripping about 3" of insulation from the length of 14 ga. solid wire. Wrap about 4 or 5 turns of this stripped wire around the braid of the coax. Forego soldering this connection as heat will melt the insulation between the braid and the inner conductor. The other end of the insulated wire should be fastened to a ground rod, using a similar clamp as was used on the receiver's water pipe ground. In areas with poor ground conductivity, radials consisting of several lengths of wire spaced just under the ground level, like spokes on a wheel, will help. These radials should also be connected to the ground rod. Finally, tape all connections with electrical tape. At my brother's home, we were able to reduce static and man-made noise substantially, plus effectively reduce interference from a color television located less than 15 feet from the listening post.

Since the listening post is located on the second floor of my home. In an effort to ground the receiver, I used the baseboard radiant heating system. This system consists of two loops of copper tubing encompassing the two floors of the house. Due to the boiler being included in this system, this was not a typical effective ground system, but it did alleviate some of the noise. Recently, I tried using this as an antenna and found that it resonated at 4 MHz quite nicely. Although signal strengths were down somewhat compared to those obtained with my outdoor longwire, the attenuation in noise was a considerable difference in readability. No doubt other systems could be used utilizing heat ducts. Matching devices, such as antenna tuners, can also be used to resonate these systems over several bands. Preselectors can also be employed to compensate for low gain.

Trying this idea a step farther, I recently put up a pair of 120 ft. radials on a 160° bearing. One antenna I terminated by connecting a piece of copper tubing and tossing it into the nearby river. At a length of 120 ft. I found that it should resonate close to 4 MHz. The unterminated wire resonated in Radio Bafoussam, Cameroon on 4000 kHz, at a good level, but

switching to the terminated wire showed no trace of the station. I first thought that the termination must be attenuating signals until I moved up into the 60 meter band. Here it became obvious that the terminated wire was providing some directivity in addition to noise suppression, as Latin signals were much stronger on this wire, while the unterminated wire showed consistently poorer Latin signals, but much better African signals. Although noise suppression was the motivation behind this experiment, I consider the resulting directivity to be a most welcome bonus. Those not fortunate enough to have a nearby river to use as a termination can use a ground rod and/or radial system at the far end of the antenna. Unlike Beverage wave antennas, which are constructed very close to the ground, all longwires should be placed as high and in the clear as possible, with a down lead at the far end for termination. More experimenting is needed to determine the amount of side rejection provided by various antenna lengths. I would be interested in hearing from anyone who tries this idea.

A spec sheet has been received from SONY describing the new ICF-2002 receiver. The accompanying memo from Mr. Jon Strom, Marketing Manager for the Consumer Audio Division says "contrary to untold false rumors, the ICF-2002 is a totally new receiver, the size of a paper-back book." The dimensions of this receiver are 4 5/8" H x 7 1/8" W x 1 1/4" D, in contrast to the 2001 which is 6 3/4" H x 11 5/8" W x 2" D. Covering 150 kHz - 30 MHz plus FM, a switchable 12/24 hour clock has been added and it has 10 memory presets while the 2001 has 6. Battery requirements are 4 AAs for the receiver section and 2 AAs for the computer/clock. Manual tuning moves up and down at the following rates; 3 kHz for LW, 10 kHz for MW (BCB) and 5 kHz for SW (100 kHz for FM). More precise frequency determination (1 kHz) is provided by the now familiar keypad entry system. I cannot see a BFO pitch control in the picture, as was utilized on the 2001, consequently I cannot ascertain if the BFO can be used in conjunction with the product detector to receive off-frequency stations (i.e. stations whose "zero beat" lies in between the 1 kHz increments provided by the keypad entry system, such as SSB utility stations.) Sensitivity is given as 1 uV for 6 dB S/N at 10 MHz. Selectivity is given as ±3 kHz at -6 dB and ±6dB. Suggested retail is \$249.95 with estimated availability in August 1983. Hopefully, more info (a hands-on review) will be available in the near future.

By the time you receive this, ANARC's convention will have occurred, with the unveiling of a couple of new entries in the receiver marketplace. Rather than speculate on what's in store for us in the near future, I'd prefer to hold off until we've had a chance to substantiate the various rumors currently circulating among the membership. If the number of new entries is as many as has been rumored, we're in for some very interesting reviews. Stay tuned!

Your editor is most anxious to receive your contributions, suggestions, comments and/or criticisms. Without this input, it will be very difficult to determine the type of information you desire, and severely limit the scope of the column.

I look forward to hearing from you. Until next month,

*Jim*

Lin Robertson, KA6MPU (936 Loring St. 1B, San Diego, CA 92109) offers the following, which he calls "a piece of inspired lunacy":

Picture this, if you will:

You've just made a marvelous DX catch, which has caused your joy and self-esteem to leap to empyrean heights; weightlessly floating for days (your family, friends and employer totally unable to communicate with you, so complete is your transport to Nirvana). You are suddenly dashed to the ground upon receiving the monthly bulletin wherein you read that some DX snob or another has pronounced your catch "child's

play" or "too easy" now they've upped their transmitter power" or "just plain mashed potatoes". Sullenly dejected, you slink to the deepest, darkest recess of your radio shack and plunge your finger into the nearest available 550 volt B plus line, ending it all.

But wait! Don't despair--help is available! Before deciding to fry your frijoles ala D.C. H.V., apply this remedy at once:

#### THE DX COEFFICIENT/EGO REDUCING FORMULA

How does it work? Simple! Just take the transmitter power of the station that you heard, and divide it by the approximate number of statute miles that you believe the signal travelled. You wind up with what could be called, for lack of a better term (and I welcome any intelligent or unintelligent suggestion), the "DX Coefficient" (if you're really compulsive you can call it "Watt-Miles"). The smaller the figure, the better the catch.

Example: Say you've come up with the Falklands catch on 3958 kHz, known to use 3.5 kW. Well, from my QTH this comes out to about 6820 statute miles via shortpath. 3500 divided by 6820 equals .513 (rounded off to the 3rd place), so the figure is .513 for the "Coefficient".

Compare this against a catch you've had in the past--say, an Indian regional running 10 kW, approximately 9020 miles away. 10000 divided by 9020 equals 1.108.

Again, take an Irish pirate known to run 400 watts. If you estimate the signal path travel to be, say, 5280 miles, the figure works out to be .075, a relatively low number. Apparently, the Falklands is a better catch than the Indian regional, but not as good as the Irish pirate station.

One of the nice things about this arrangement is that it somewhat compensates for geographic differences between you and the fellow who may think that it's relatively easy. The drawbacks to this little device are as follows:

1. Is the transmission omnidirectional or is it beamed? 2. Is the signal propagating over land or less lossy terrain--water? 3. Is the signal coming via longpath, shortpath or both? 4. Is the transmitter operating at the advertised power, or considerably less due to age, neglect, etc? 5. Is the transmitter power known at all? 6. What frequency is it on? For instance, HGJB's 100 watt transmitter on 26010 kHz uses a cubical quad beam antenna. If it were on the tropical bands, reception would be incredibly more difficult. 7. Considerable differences in receiving gear will throw this off quite a bit. Let us consider these one by one, and then keel over, hi.

Actually, this can serve as some sort of yardstick, albeit a clumsy one, to gauge your DX catch of the month, year or whatever, against those you've made in the past; providing, of course, that the factors above (and there are probably more) are borne in mind.

In any case, it's a fun little game, and it should provide some sort of curative balm for that all too pervasive disease, DX'ers EGO TRIP! Don't let it muck up your fun!



Hopefully the high noise levels haven't completely jaded your interest in shortwave these hot summer days. I usually look for things to start picking up after Labor Day, when early morning Peruvians, and a mug of hot coffee, seem like the perfect way to start a day.

If you can bring yourself to do it, get out there and check those connections on the antenna, bring the log book up to date, make yourself a target book for the rare DX, get your shack in order, read and contribute to FRENEX and HAVE FUN!

Until next month, *John*



AUGUST 1983

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

## PROPER CREDIT

Other publications and broadcasters may use material from LN provided due credit is rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBC MS permission. The most important items have been broadcast immediately on RCI SWL DIGEST or WRNO WORLD OF RADIO, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time (not on the envelope), as input for other gh outlets also comes to Box 6287. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh).

ANGOLA, ALASKA, Last Minute Information.

ANTARCTICA The envelope in which my QSL came from AFAN-McMurdo Sound was cancelled "Oxnard, California". Being curious as to why an Oxnard cancellation was used for Antarctic mail, I wrote to the Postmaster in Oxnard. He responded "All of the supplies and equipment and personnel for McMurdo Station in Antarctica are supplied from Point Mugu, a branch of Port Hueneme, which is an associate office of Oxnard Mail Processing Facility. Since we cancel all mail for our associate offices, evidently this mail came up on a supply run from the South Pole." Signed Orvene S. Carpenter, Postmaster, Oxnard CA (Matthews)

ARGENTINA RAE sked: 6060 0000-0500, 11710 1030-1330 & 0000-0500, 15345 1900-0500. FE: 1030 JP, 1100 EG, 1130 JP, 1200 EG, 1230-1330 SP. Eu/AF/ME: 1900-AR, 1930 EG, 2000 GM, 2030 SP, 2100 FR, 2130 AR, 2200 GM. Ams: 2230 EG, 2300 IT, 2330 FR, 0000 PT, 0030 SP, 0100 EG, 0130 GM, 0200 PT, 0230 EG, 0300 SP, 0330 FR, 0400 GM, 0430 EG (via Gabriel Iván Barrera) Appears to be dated Feb tho just received. Presumably Mon-Sat only (gh).

AUSTRALIA Sydney pirate CBN is testing toward the USA at 1655-1755 on 13995 USB these Sundays: 14/8, 4/9, 25/9. 500 watts. QSL for correct reports w/3 IRCs to: Radio CBN, 1 Browns Lane, North Sydney NSW 2060 (via Paul Royce, RIB)

AUSTRIA I'd think people would understand when they're hearing an aircheck on a DX program, especially if they listen more than a few minutes, but reports have appeared in other bulletins on times and frequencies corresponding with Austrian SW Panorama when tapes I made in the Virgin Islands were featured--& people thought they were hearing some thitherto unknown VI SW station. Then in mid-June UPDATE there is a report of "faked newscast on how to get to VI w/ simulated nxcasts as well." Dated yes by now on summer repeat, faked or simulated, no--all my Caribbean station recordings featured on World of Radio and ASWP are authentic--why else bother? (gh)

BANGLADESH RB continues its expansion. AR noted 1615-1700 on 21550.3 with booming signal but cracked modulation. ID is "Idhaat ul Bangladesh al Harijia" i.e. B. Foreign Radio. Begins with Qur'an, then news 1623; 12/6 (Wood, Sa'udi)

**BELIZE** R Belize reported that among the bills to be introduced in House of Reps, Belmopan, 17/6, was one on regulation of bcng & TV & another on establishment of a broadcasting authority (WBI 23/6)

**BOLIVIA** R Ánimas, Chocaya, ID taped 0030 14/6 on 4991, [believed to be] first time hrd in Italy (R Cotroneo, Play-DK) Brasil Central was arnd this fq too (gh) R San Miguel, Riberaita, 3310.3, 18/6 & 23/6 2315-0030, F w/RTTY QRM (Zella, Play-DK, Italy)

**BRAZIL** V of Brazil nx pgm 2200 16/6 said new Badiobrás comms centre'd been dedicated that day in Pôrto Velho, Rondônia, containing FM & tropical band & TV stn (WBI 23/6)

**BULGARIA** R Sofia in EG: 0000-0100 NAM 15110 9700. 0400-0500 Af 17825 11720; NAM 11750. 0730-0800 Eu 15110 11720. 1830-1930 Af 17825 17755 15310 11735. 1930-2000 Eu 15110 11720. 2030-2130 Af 17825 17775=[sic] 15310 11735. 2130-2200 Eu 11720 [I thought this was on 3 fqs -gh]. 2230-2330 NAM 15110 9700 (WBI 30/6)

**BURMA** BBS is shopping for a new 10 kW SWBC w/accompanying antenna system tunable over 3-18 MHz range (Bob LaRose, NY, SWNS June) more, LMI

**CHINA** Lhasa noted w/full local ID, "Xizang renmin diantai" and Chinese talk 1430 on 18980; 2 x 9490 which was inaudible; 7/6 (Richard E Wood, Sa'udi Arabia) In a pgm pw for 18/6, Guizhou PBS, Guijiang said it'd bc 2130-0030, 0150-0600, 0850-1605 on 7275, 1026, 927, 765. Also hrd on 3260 (WBI 23/6) Monitoring and pgm pw for Fujian PBS, Fuzhou show its Pgm I in Std Chinese & Amoy at 2050-1700 on 5040, 4975, 2340, 1492, 1452, 1420, 1400, 1392, 1370, 1050, 882, 840, 824, 612, 558, 506 kHz. Also contains pgms for Taiwan listeners (WBI 30/6)

R Beijing hrd on unlisted 6995 for EG SEAs 1200-1300, F, // 11600 11735. Qinghai PBS w/EG lang lessons 1400-1430 Fris, F on 3950. Also EG les on Hubei PBS, 4980, 1330-1400; Guangxi PBS, 4915, 1330-1400; Fujian PBS, Fuzhou, 4975, 1330-1400 (Matthew Francis, Tasmania, RA Japanese DX Time 2/7) more, LMI

**CONGO** Brazzaville noted 7/6 1435 in Lingala on 19430, 2 x 9715, better than fundamental, which was QRMed (Richard E Wood, Abha, Sa'udi Arabia)

**CUBA** RHC hrd on 9790 // 9895 at 0945 7/6, splattering all over the band (Chuck Oliver, Spring TX) Strong relay of Soviet Mayak pgm on 4765 around 0100 7/7 (Jim Conrad, IA) Also here and most subsequent nights in early July (gh)

La Voz de Cuba 0400-0925 on 720 & 690 kHz (WBI 23/6) Only? (gh)

RHC EG: 0100-0450 Ams 17735 11930. 0330-0600 Ams 11760. 0450-0600 Ams on 17735. 0630-0800 Ams 11800 [I've had several reports they are actually on 9525 -gh]. 1700-1800 17710-USSR Med/Af. 2010-2140 Eu 11690. 2050-2140 Ams 17850 11725. 2200-2300 Eu 11705-USSR (WBI 23/6)

CYPRUS, LMI

**CHILE** To obtain a QSL letter from CE963, R Agricultura, Santiago, 9630 kHz, write to: Carlos Toledo Verdugo, Casilla 166, San Fernando, Chile. Enclose 2 IRCs for air mail reply. This friend is DX Editor of the stn (Gabriel Iván Barrera, Buenos Aires, Argentina, 8/6)

**DJIBOUTI** RD, which had been stable for some time, is drifting again. Noted on 4781 with extended s/off for Ramadan, 2100\* in Somali, //1538 12/6. The new moon was sighted a day earlier than expected in some countries including Sa'udi Arabia and Egypt, so that Ramadan began 11/6, not 12/6 as printed on calendars, causing some confusion. However, it was not so sighted in Kuwait, Iraq, and other countries, so it began 12/6 there. Responsible calendars in fact carry the wording "predicted," "anticipated" or "scheduled" for Hijra dates, especially Ramadan (Richard E Wood, Abha, Sa'udi Arabia)

**DOMINICAN REPUBLIC** After R Earth ends at 0430 on R Clarín, 11700 it stays on

w/38-min SP pgm by R Clarin intended for Dominicans abroad. Anmts say it's also on 4850, 860 kHz, 105.5 MHz. Nx 0450-0505 (WBI 30/6) I'm not certain that this is regular tho I've heard it too. 4850 is mythical (gh)

ECUADOR Sistema Emisoras Atalaya, Guayaquil, reactivated after 8 yrs, hrd 18/6 0340-0502\* on 4791.8; also 17/6; don't confuse w/Atlántida (Andrea Lawendel, Giuseppe Zella, Dario Monferini, P Cacciamatta, Play-DX, Italy)

R Nacional relay thru HCJB now hrd 2155-0030 on 15350 ex-15115 (WBI 30/6)

EGYPT Cairo Pgm I in AR noted 1700 9/6 on 17669.6 (Richard E Wood, Sa'udi A) R Cairo ancd at 0500 11/6 clox'd been backup 60 mins as of local midnite on occasion of Ramadan advent. This time'd continue observed till last day of 'Id al-Fitr, when Egypt'd revert to DST and clox'd be advanced 60 mins (WBI)

FAULKLAND ISLANDS FIBS per official info moved from 2370 to 2380, and so hrd 27/6 0030 by Olle Alm, Sweden (Andy Sennitt, Denmark, WRTH, RNMN 7/7)

GABON R Japan says it proposes to carry out test xmsns from Gabon: Eu 3/7, 4/7 & 5/7 0700-0730 17825, 1000-1030 15445, 1725-1755 21485; 7/7 & 8/7 ME 0500-0530 15405, 1725-1755 21485 (WBI 30/6) ME 1725 audible on 21485 but of course mixed w/VOA! 15405 poor one night, fair the next: never a mention of R Japan, but different bits of Japanese mx during the half hour and repetition of multilingual anmts mentioning test from Moyabi, starting w/JP (gh)

Africa No. 1 is beaming to the OAU Summit Conference in Addis Abeba with booming signals on 21475. Exact sked not noted, but obs 0730-0800 & 1630-1730 all in FR (Richard E Wood, Sa'udi Arabia) ANO with very strong spur on 4719 24/6 2130-2300\* // 4811 (Dario Monferini & Andrea Lawendel, Play-DX, Italy)

GUATEMALA, GUAM, LMI  
GUINEA LV Rev, 15310v is again inactive; in fact, it was noted only 17/4 (Wood, Sa'udi Arabia) Hrd at 0800 4/7 (Kirk Allen, OK, RIB)

HONG KONG RTVHK's recent tests on 3965 were held on consecutive days in May, using the same PTP as for the China Sea Yacht Race bcs. This was for tests for a possible SEA SW sce, following the interest in the Yacht Race xmsns (Ken Scott, RTVHK, via Chris Rogers, DX Australia)

HUNGARY R Budapest has new EG xmsn at 1600; also Mon-Fri at 1050-1120. As M-F 1330 moved to Mon-Sat 1430; fqs for all supposedly 6025 7155 9585 9835 11910 15160, but the 1600 hrd on 7165 (Andy Sennitt, WRTH, RN Media Network 7/7)

INDIA No improvement on AIR 15280 and 15265 situation reported in RIB-77, p 26. Still noted 13/6 (Wood, Sa'udi Arabia) AIR reported 17/6 that Ministry of Info & BCing had taken a number of measures to improve AIR net in NE region Deputy Minister for Info & BCing told AIR Gauhati correspondent that before end of current plan, a 50 kW SW xmtr and an addl 10 kW MW'd be set up in Gauhati (WBI 23/6) more, LMI INDONESIA, LMI

IRAN VoIRI noted \*2030-2130 in Farsi, listing fqs and targets including Sa'udi Arabia, on 11735 //usual 15084 11/6 (Wood, Sa'udi Arabia)

ISRAEL IBA's 15585 at 0500-0530 requires USB use w/BFO. In AM it is distorted. I mention BFO since USB, PBT alone does not suffice. The xmtr appears to be too much of a hybrid for precise designation known to me (Ralf Munster, GA)

On 24/5, Voice of Israel Hebrew-lang domestic svc carried interview w/newly appointed dir of Arabic lang dept. Said Net-D was listened to by 80% of Arabs in Israel, but was mainly intended for Arabs in Arab countries (WBI 30/6)

ITALY R Milano Intl on new 7205 ex-7215 since 17/6, 0510-1300; reports will be verified w/new QSL folder; addr Via Locatelli 6, 20124 Milano (Dario Monferini, ibid.) IBC R Time testing on new 21475 & 21465 1500-1700 16/6 (Mannelli, PDX)

JAPAN In a report from Wash DC 17/6, Kyodo nx agcy said 6 Japanese TV Bcing companies'd signed contract enabling 'em to secure exclusive 24h TV circuit from USA W coast. 2-yr contract, @ \$823,000 annual fee, 'd been signed w/Comsat. 6 Cds were JBC-NHK and 5 commercials, Tokyo Bcing System, Nippon TV Net, Fuji Net, TV Asahi, and TV Tokyo Ch 12. Previous each had own contract; new one comes into effect Apr 84. The six had already established joint committee for satl use in 1984 Olympics coverage (WBI 23/6)

KENYA VOK quoted Permanent Secy in Min of Info & Bcing 18/6 as saying a lot of work remained to be done at Garissa radio stn before completion. But was satisfied w/progress during 17/6 visit; to serve NE Province (WBI 23/6)

KUWAIT, LMI

LEBANON V of Hope evangelical Christian stn in Major Haddad's "Free Lebanon" enclave has moved its 2nd but unanncd MW outlet from 1593 to 684 kHz. // 945 0415 -2315 apx; 6215 also //most of day exc occl separations eves for religious pgms in EG et al (WBI 16/6)

20/6 pro-Phalangist V of Lebanon stn said its correspondent had learned that the Palestinians planned to set up a radio stn in Jabal Turbul area in N Leb, "despite opposition from local inhabitants and leaders, and despite Syrian reservations". Stn'd be called "Radio of the Palestinian Revolution" (Arabic: Idha'at Filistin ath-Thawarah). (WBI 23/6)

V of Lebanon reported 15/6 that Syrian Social Nationalist Party had installed a private radio in Baharij Barracks in al-Biqa' (Ed. Note: Bekaa). It had started a campaign against the Leb authorities and their efforts at getting the foreign forces out of Leb. (Ed. Note: no such radio stn has yet been traced in monitoring operations) (WBI 23/6)

A TV stn calling itself "Middle East TV" and claiming to represent "Free Lebanon" by courtesy of Major Haddad, has been obs recently. Pgms in EG & AR consist mainly of Western-style entertainment pgms. No nx obs. Ancs sked 1400-2000 apx on ch 5 and 12 (WBI 23/6) Supposedly CBN-owned, ex-Star of Hope (gh)

LIBYA see CRANNY

MADAGASCAR I have to totally disagree with Ernie Behr's suggestion, or statement in May LN p 21, that my UNID on 6132 is Pakistan. I did specifically report African nx; this stn was monitored for one month and did not vary 6132-36 as he says. Not only is Pak propagationally more unlikely in Arkansas at this time on 49m than Mad but I have seen at least two reports of Mad on 6132a from DXers in that part of the world (Mitch Sams, Wichita KS, OMDC DX Log)

MALI, LMI

MAURITANIA Maur R ancd it'd be introing changes to pgms during Ramadan. Recitations from Koran'd be carried 'on a fq' (unspecified) 0000-0600; FR nx retim ed from 1930 to 1915 (WBI 16/6)

MONACO, LMI

MONGOLIA Since 1/6, RUB ES 1255-1520 on 9575 ex-7238, // 12070 (WBI 16/6)

MOZAMBIQUE RM PT nx & sports 2100 on 7210.9 13/6. This stn has sophisticated sound and a fast pace resembling a commercial stn; PT adheres to a totally Lis bon standard. Has problems w/fq stability and mod, but re programming RM has not declined since independence, as have, e.g. R Omdurman & R Brazzaville(Wood)

NEPAL, LMI

NICARAGUA VON ES now on at 1100-1300 in addn to \*2300. Tho ancd as 11715, hrd 22/6 on 5950. Nxpaper Barricada reported 14/6 that Min-Dir of Telcor (the Nic telecomms and postal svc) and the Economic Adviser at the USSR Embassy in Nic had signed a contract to draft a project for construxion of an Intersputnik ground stn in Nic (WBI 30/6) more, LMI

NIGERIA Per VON report 24/6, six new xmtrs for FRCN to be commissioned before Junend, in Abeokuta, Benin, Akure, Enugu, Owerri, Calabar. Abeokuta = 1170 kHz (WBI 30/6) & rest MW?

PAKISTAN RP Burmese \*1100-1200\* noted on 17643.6 w/G strength but low mod 12/6.

Arabic 1215-1315 on 17640 & 21485 only 11/6 (Richard E Wood, Sa'udi Arabia)

New EG bc from R Pakistan at 1400-1445 on 17640 (SCDX 5/7 broadcast) I was not taping & am not positive I got this correctly; hrd only carrier on 17640 (gh)

PERU, LMI

POLAND AFP reported that 'R Solidarity' had bc for 5 mins 15/6 before being drowned out by mx from unID xmtr. BC'd been audible in central Warsaw and had been ancd in pamphlets beforehand (WBI 23/6) FM

PORTUGAL RFE Polish 21665 is producing parasitics at 21637.5 and 21692.5, the latter stronger; 1800-2000 10/6 (Richard E Wood, Sa'udi Arabia)

ROMANIA R Bucharest in EG: 0200-0300 & 0400-0430 NAM 11940 11830 11810 9570 9510 6155 5990. 0530-0600 Af 17790 17745 15380 15340 11940 11840. 0645-0715 Pac 21665 17790 15335 15250 11940. 1045-1100 (not Sun) Eu 17720 15250 11940. 1200-1230 As 21665 17720 15345. 1300-1330 Eu 17720 15250 11940 9690. 1500-1530 As 17850 17805 15335 15250 11940. 1730-1800 Af 17745 17720 15380 15365 11885 11790. 1930-2030 Eu 11940 9750 9690 7225. 2100-2130 Eu 11940 9690 9750 [sic] 7225. Romanian bcs to Nam: 2300-2400 & 0130-0200 on same fqs as EG. Little known Sunday-only svc in RM for seamen off the east coast of Nam is at 0915-1010 on 11940 11810 11775 9665 9590 9570 (WBI 30/6)

/more, LMI

SAIPAN KYOI now switches from 15190 to 11900 at 1000 ex-0900 (Heldt, SCDX 5/7)

SA'UDI ARABIA As of 7/6 BSKSA is no longer QRming itself. Has switched from 11865 back to 11855 for EG; current s/on is 1000 daily; no change during Ramadan. 11855 also used for FR 0500-0700; 10/6 (Wood, Sa'udi Arabia) Wish you'd check for the other EG bc, 1700-2100, sometimes audible in NAM; do the earlier fq variations apply to this xmsn too? (gh) BSKSA Indonesian on 21465 only is now at 1230-1430 10/6; change took effect before Ramadan (Wood) Coinciding w/ Ramadan, BSKSA introed new lang, Pushtu for Afghanistan, 1530-1600 on 7145 & 9540, hrd 12/6 (ibid.)

Since start of Ramadan 11/6, Riyad-originated Genl Pgm of BSKSA \*0457 instead of \*0257. First nx and press review now 0600. 2nd pgm, from Jiddah studios, now \*0657 ex-\*0257; first nx & press rev 0800 (WBI 16/6) Now reverted?

SPAIN REE Programa Mundial: Mon-Sat 0600-0930 & 1000-0530: 0030-0230 15365 11745=[sic] 11775 9530 9360. 0230-0530 11880 11775 9630 9360. 0600-0930 21595 11730 9650. 0957-1500 15395 11920 9570. 1500-1830 17890 17660 15395 15330 15190 11920 11790 9570 7105. 1830-1900 15395 11920 9570 7105. 1900-2200 15535 15395 15125 11920. 2200-2300 15535 15365 15125. 2300-2430 15365 11745 11775 9530 9360. Sunday 0600-1000, 1000-2245, 2300-0530: 0030-0230 15365 11945 11775 9530 9360. 0230-0330 15365 11880 11775. 0330-0600 11880 11775 9630 9360. 0600-1000 21595 11730 9650. 1057-1400 17660 15395 11920 9570. 1400-1830 17890 17845 17720 17660 15395 15365 15265 11920 9570 7105. 1830-1930 on 17845 15395 15365 9570 9360. 1930-2245 17845 15535 15395 15365 15315 15125 9570 7105. 2300-2430 15365 11945 11775 9530 9360.

Foreign langs: EG0000-0100 & 0100-0200 & 0530-0630 C&NAM 11880 9630. 1700-1800 AR ME 15160. 1900-2000 EG & 2000-2100 FR Eu 11840 9765. 2000-2100 EG & 2100-2200 FR ME & Af 15375 11880 not Sun. 2130-2230 AR NEAF 9675 6140 (WBI 23/6)

SRI LANKA, LMI

SWEDEN From 5/7 R Sweden changes to Nam: 1400-1430 EG 17860 ex-17790; 1600-1630 SD 17880; 2300-2330 EG 11710 ex-11705 (STA & Ralf Munster, GA)

TANZANIA R Tanzania Natl Svc in SH 0300-2100 apx: 0300-0700 5050 4785. 0700-1300 9685; and irreg to 0730, 5050 & 4785. 1300-1515 9685 7165 4785. 1515-2055 7165 4785. Includes nx from RT Zanzibar at 1600-1610 & 1800-1815; excerpts from Pres Nyerere's speeches Mon-Fri 1715-1730. Commercial svc 5050 1300-2015; Zanzibar 6005 morning; 3339 early morn, aft, eve (WBI 23/6)

April WBN, China is financing a new SWBC stn on Zanzibar. Several of its antennas will be directed toward the Arabian Gulf states (Bob LaRose S)

D R Thailand ancd 16/6 that govt Public Rels Dept R Thailand'd incr bc EG svc by 2½ hours (as hrd) daily from 1/7. EG, currently 2330-0200, rd 2300-0600. Re-sked to provide better svc to target audience, parti-farang tourists & residents in Thailand. In this connexion, a new FM be set up in Phatthaya (a Gulf of Siam tourist resort) 'd also be asked y nx from the re-sked EG svc. R Thailand bcs daily forn svc for local rs on 97 MHz FM and 927 AM. Another RT report, 21/6, said EG'd be incr st 3h daily' from 1/7; 2330-0200 & 0500-0600 would become 2300-0600 w/FR 0500 (WBI 23/6) Probably also on SW 9655 and/or 11905 (gh) more, LMI

RTT's new foreign svc in AR to Eu, mainly for Tunisians there, is no-11745 around 2000. Not // 15225.8v, which continues to carry HS relays, RTT 15225.8 Tunisian anthem and into AR nx 1800; separable from BBC Ma-5225; 11745 not then audible, 13/6 (Richard E Wood, Sa'udi Arabia) sian radio now bcng extl svc in AR on 11745 1900-2100, beamed to WEu, aimed at Tun workers abroad. Contains nx after Koran at start, full mx, and summary 2055. Anmts say started 1/6 (WBI 16/6)

ARAB EMIRATES UAE Radio in Dubai, EG: 0330-0400 SAs & NAm 17775 15430 0530-0600 FE & AuAs 21700 17830 17775. 1015-1045 Eu & Naf 21695 21655 1615-1645 Eu & Naf 21655 15320 15300. Additional EG segments Fri/Sat/ D-0415, 0600-0615, 1045-1100, 1645-1700. Friday only also 1100-1130 on 1655 17775 (WBI 23/6)

NATIONS UNR on new fq for Sats to Eu/ME/Naf via VOA--0630-0715 in FR, TK, EG on 9610, fair; EG nx 0710 (Matthew Francis, Tasmania, RA DX 2/7)

R El Espectador logged 23/5 on 11835 from 0015 until abruptly leaving at 0030. Fair w/IDs, ads, some mx bits (Jack Widner, IN, SWNS)

Per 1/4 Industrial Communications, FCC has issued experimental license well International Corp for stn at Cedar Rapids IA, and Richardson TX te on discrete fqs between 5760 and 15160 or 16160 kHz "for testing and with pseudo random pulsed wide band emissions on high frequencies." ose, NY, SWNS) more, LMI

R Moscow Russian nx 1000-1200 on 21390, probably 3 x 7130 but inaudi- 8/6. 19140 noted in a Turkic lang, probably Uzbek, 1435; Mayak IS and nx 1500; 2 x 9570 7/6. R Tashkent Farsi 1600-1630 on 7140. Overall si found to R Dushanbe then in Dari on 7275, 13/6 (Richard E Wood, Sa'udi) F-G on 9004 at 1355-1400 tune out, A3E mode 19/6 (David Newkirk, WA) onal stn Yuzhno-Sakhalinsk hrd on USB w/relay of HS pgm I in RS at 1310 // Vladivostok 5015; Y-S on 5040 (Matthew Francis, Tasmania, RA JP DX 7)

ecow NAm svc fq listings by BECMS include some not ancd and seldom if rted; perhaps feeders. Complete sked as given: 2200-2300 17700 SSB= 5425 15245 15105 12060 12040 11950 11790 11780 11770 11750 11735 9765 2300-2400 17700 SSB=16193 15425 15280=from 2330 12060 12040 11950 11750 965 9720 9635 7320 6045. 0000-0100 17700 SSB=16193 15425 15280 15245 12060 11950 11780 11750 11735 9765 9720 9635 9530=from 0030 7320 6045. 0 17700 SSB=16193 15425 15280 15245 15100 12060 11950 11780 11750 965 9720 9700=[not from 0130?] 9635 9530 7320 6045. 0200-0300 17700 3 15425 15280 15245 15100 12060 11950 11780 11750 11735 9765 9720 9700 0 7320 6045. WNA<sub>m</sub> 0300-0700: 0300-0600 17925 17900 17875. 17800 at 0, 15245 0300-0500, 15200 0530-0700, 15100 0300-0400, 11755 0430-0700, 000-0400, 11710 0430-0700, 9530 0300-0400; thruout 0300-0700: SSB=16193 5160 11950 9635. Zulu 1800-1830 17785 15440 15295 12055 (WBI 16/6)

Regional Centres, excerpts: Kazakh Radio, Alma Ata, 0000-0030 & 0100-0130 KZ CAs 5915 5035. R Baku, 0330-0415 Persian N&ME 6135 6110. R Dushanbe, 0200-0300 Dari to Afghanistan 4975. R Kiev, 0200-0230 EG NAM 17925 17900 17875 17860 17700 15180 15160 11770 11720 9800; 0230-0300 UK NAM 11770 11720 9800. 1800-1830 EG Eu 9560 7320 7175. 2100-2200 UK NAM 17925 17900 17875 17860 17770 15180 11960 11720 9800. R Leningrad, Fri 2100-2200 Russian for Soviet Fishermen, unconfirmed on 9560 6200. R Stn Soviet Belorussia, Minsk, 1700-1730 BR Eu 11820 11735 7420; 2030-2100 BR Eu 11735 7205 6175. R Riga, Sun 0700-0730 Swedish, 0730-0825 Latvian Eu 5935. R Tallinn, Sun 0700-0815 Finnish, 0800-0830 Swedish on [new] 5925. R Tashkent, 0030-0100 Uighur CAs 7255 5915 5035. 0300-0330 Persian N&ME 5915. 1200-1230 EG SAs 15460 11785 9715 9650 5950. 1230-1300 Ux du SAs same. 1230-1330 Uighur CAs 7255 5915 5035. 1300-1330 Hindi, 1330-1400 Urdu, 1400-1430 EG, 1430-1500 EG SAs same as 1200. 1430-1500 Uighur CAs 7255 5915 5035. 1520-1600 Uzbek N&ME 9795 9540 7140 6075 5950. 1530-1600 Uighur CAs 7255 5915 5035. 1600-1630 Persian, 1630-1700 AR, 1700-1800 Uzbek N&ME 9795 9540 7140 6075 5950. 2330-2400 Uighur CAs 5035 5915. [This Tashkent portion is complete for the external service].

R Vilnius, 0000-0030 Lith to Ams 17925 17900 17875 17860 17770 15180 15160 11960 11720. 2100-2130 Lith & 2130-2200 EG Eu 6100. 2200-2230 EG Ams 17900 17860 15180 11960 11720.

Pacific Ocean Radio Stn, Vladivostok, in Russian: 0715-0800 Pac/NAM/FE/S&SEAs 21530 17870 17860 17815 17775 17720 SSB=16193 15515 15470 15265 15190 12030 12010 11950 11815 11710 SSB=9905 9810 9635 9620 9580 9500. (Sat & Sun also 9600 7320 5940). Also via Khabarovsk 7210; Petropavlovsk-Kamchatskiy on 4485. 1215-1300 FE Vlad 5015. 1830-1930 Pac/NAM/FE/S&SEAs 15415 15150 12010 11690 9770 9620 9480 7335; Vlad 5015.

R Yerevan, 0230-0255 Armenian & 0255-0300 EG [sic, usually more like 0251-0258], 17925 17900 17875 17860 17770 15180 15160. Sundays 0700-0750 AM, 0750-0755 FR, 0755-0800 AM Eu 21530 15510 15260. 2030-2100 AM Eu 15500 12030. 2200-2300 AM Lam 15515=unconfirmed (WBI 16/6)

[see CUBA] On 15/6, xmtr on 4765 carried Mayak pgm 1600-2000, apx one second behind other Mayak channels; prop condx and rx location indicate 4765 is "possibly located in Cuba. 4765 hrd again for short time 16/6 w/out modulation (WBI 23/6)

Further changes in R Moscow & Peace & Progress: 20/6 RMWS series of features for listeners in Af failed to appear at 2032. "The Way We See It" instead. RMWS Af features also missing 1732 & 2032 21/6. But that date marked return of RM regional EG svc for Af, which'd been off air since 27/5. Resumed svc was bc, as before, 1700-1800 on 21465 17700 15540 15490 15195 12015 12000 11950 11800; 2000-2100 17850 17700 15520 15510 15425 15195 15155 15150 12000 11950 11800.

As for bcng to Asia, RSP&P xmsns to As failed to appear at 1330 & 1500 21/6 --1300-1330 had been bc as normal and the remaining 1530-1600 bc to As is not normally hrd in the UK. But at 1432 21/6 RMWS carried "a pgm for listeners in SE Asia". Monitoring continues (WBI 23/6)

[One week later] These changes can be summarized now as follows: The two daily one-hour R Moscow bcs to Af were off the air 27/5-21/6. They had been replaced temporarily by two daily half-hour long series of features for listeners in Af, but bc as an integral part of RMWS. The single half-hour RSP&P xmsn to Af continued--and continues--to be bc normally.

R Moscow's two half-hour regional xmsns to As were last hrd 27/5, but RMWS did not incorporate a series of features specifically for listeners in As until 21/6. They are at 1432, repeated 2232 & 0032. Monitoring obs continue in case RM reverts to former separate svcs to As. At Mayend, one of the four half-hour RSP&P xmsns to Asia was retimed from 1430-1500 to 1500-1530. But since 20/6 this xmsn, along with the 1330-1400; has not been bc. This leaves only two RSP&P bcs to Asia, at 1300-1330 & 1530-1600 (WBI 30/6) Internal powerstruggle

VATICAN During daytime, RV moving 7250 up to 7251 or 7252, due to severe QRM of R Algiers on 7247v (Wolfgang Büschel, GFR, WDXC DK Magazine, June)

VENEZUELA Observatorio Cagigal noted 28/5 on 3020 at 1011, //6100. Possibly receiver fault, but couldn't see any reason to believe so. Fair signal (Don Moore, Santa Bárbara, Honduras) Did you get a positive ID? Last Nov in the VI on MW 1510, of which 3020 would be harmonic, I hrd timesigs which I too thought came from Cagigal, until I found out that Ecuador's HD2IOA is also on MW 1510, whilst YVTO isn't listed on MW (gh)

R Nacional's 1800 xmsn obs back on 11695a 8/6, first time noted in at least a couple of months (C M Stanbury, Ont, SWNS)

VIETNAM Tho BBCMS usually lists only 2 SW fqs at a time for VOV ES, printed sked from them, undated but recently received w/QSL gives EG: 2330-0000 & 1000-1030 12035 10080; also 1100-1130 12035 10080. But at 1330-1400 15010 11840 10040. 1600-1630, 1800-1830, 1900-1930, 2030-2100 on 15010 12020 10040 (via John Pescatore, MD) MORE, LMI

CLANDESTINE CRANNY Kawthulay Radio [see July IN] This stn which supports Karen National Union, was back on the air, 9775 17/6 0330-0500, having been untraced since 3/6. At 0430 17/6, carried spl anmt that at 0505 (local) 5/6 "Ne Win-San Yu mercenary troops" had launched an attack on the Karen Natl Libn Army based at Maw Pokay. As a result, Kawthulay R had to stop xmsns during intervening period. Now that situation 'in order', stn'd be xmiting as usual (WBI 23/6)

R October Storm & R Sparks LMI

R Salvation of Iran (Persian: Radyo Nejat-e Iran) obs 23/6 on 9032 0305-0400; anmts say this is a daily repeat of 1830-1925 on 11660. Pro-monarchist, hostile to Khomeyni and the Iranian govt. RSI gives its addr for listener letters as: P O Box 102, (Graede) Str., 2670 Copenhagen, Denmark. Both ancd xmsn have been confirmed by monitoring (WBI 30/6)

R Homeland (R Vatan), a similar stn, continues on 15555 & 9027 0330-0430 & 1600-1700 (WBI 30/6) 15555 on as late as 0700 (Jim Conrad, IA, 13/7)

V of the Iranian Revolution, 12/6 \*1230 on 7247 & 6400; anti-Iranian govt (WBI 16/6)

V of Palestine, V of the Palestine Revolution PLO-controlled VOPVOPR pgm via Iraqi facilities ancd 8/6 xmsn'd be extended by 30mins from 11/6; 10/6 anmt said would be 1530-1700; hrd 11/6 on 1035 kHz actually at \*1525-1655\* (WBI 16/6)

VOPVOPR pgm carried by Yemen Arab Republic BCing Svc (R San'a), since 12/6 at 1800-1830 instead of 1600-1630, presumably for Ramadan; on 9780 6140 4853 981 715 (WBI 16/6)

V of Palestine, V of the Palestine Islamic Revolution Recent obs of V of the Islamic Republic of Iran's Arabic svc show it contains a daily 30 min pgm, V of the Palestine Islamic Revolution, at 1900 w/Koran recitations, Palestinian patriotic songs, 5-min nx w/ID as above, and short political talks or features (WBI 30/6)

V of Arab Lebanon, controlled by the al-Murabitun Independent Nasirite Movement, obs 25/6+ on 6233 // 930; had been untraced on previous SW channel 6204 since 12/5 (WBI 30/6) VOAL G on 6233 to 2045\* NA w/piano accompaniment (Andy Sennitt, Denmark, RNMN 7/7) Could the following unIDs, also on 6233, be the same stn? Time in Lebanon 2-3 a.m. (gh)

6233 unID 22/6 2321-0057\*, Arabic stn. Long Qur'an recitation, much wild AR mx, deep-voiced M ancr. 2nd M ancr w/probable ID 0053 & 2 ments of 'kHz'. In- to patriotic type song w/piano & male chorus, probably not a natl anthem, tho, to s/off. Not // Egypt, Kuwait, Libya, Saudi; cland? (Steve Reinstein, DXSF)

6233 cland unID, 30/6 0000-0048\* Islamic pgm w/M&W, mx, comments. 0029 may have mentioned Kabul. 0035 Koranic reciting, signal peaking to fair. 0040 talk over mx, 0044 patriotic tune by group of men w/piano accompaniment. Then

signal drops off the air, so tune must have been NA; but from quality of singing and piano playing, seemed to be locally produced. Have noted similar type of tune quality, tho diff lang, on SAM clands; I speculate (Chuck Bolland, FL)  
Also see LEBANON for other stns, more or less cland

V of the Broad Masses of Eritrea noted in Oromo 0440 9/6, chased by a jammer around 7456-7472v (Richard E Wood, Abha, Sa'udi Arabia)

V of the Upper Voltan Popular Revolution / R Bardai / LIBYA 9/6, the 17930 channel carrying the 2015 nx from Libyan radio's V of the Greater Arab Homeland svc was interrupted in mid-sentence at 2030 by playing of Af-style mx. At 2035, an anmt in FR IDed the svc as the 'V of the UV Popular Rev'. Then carried material hostile to present govt of UV. Supported 'rev' mvmt led by Thomas Sankara. At 2050, mod on 17930 ceased, and the Libyan radio's AR-lang ES resumed w/out a break in the carrier. VOUVPR not hrd again on 17930 on subsequent days. However, it was observed 12/6 on 6009. R Bardai, the anti-Chadian govt stn, was hrd to close at 2027 on same fq; apx two mins later, with no break in carrier, VOUVPR started up w/IS. 2030 anmt in FR giving daily sked as 2030-2130 on 6009, but it ended at 2102. 13/6 on 6009 at 2043-2127. The use of 17930 is believed to be a technical error by Libyan radio and the subsequent discovery of the VOUVPR on 6009 tends to indicate that both it and R Bardai emanate from a xmtr in Libya (WBI 16/6) Nice work! (gh)

R Truth, hostile to Zimbabwe govt, obs 21/6 w/0430 xmsn on 5015 instead of 4902. The 1700 xmsn hrd 16/6 on 4902, but 10/6 had been on 5015 (WBI 23/6)

V of Free Africa / V of Mozambique National Resistance At 1700 23/6, stn on 4764 ancd in PT as VOMNR; in what was described as an editorial, said from 1/7 Moz people'd regularly be hearing the 'voice of the revolt of the people' now under the VOMNR name. And 'the V of Free Africa had fulfilled its task and made history since its inception in 1976'. As the 'armed struggle for liberation' against Pres Machel and the Moz govt had developed, there'd appeared the need for an equal development and evolution in other sectors. Consequently, bcs had been interrupted for about a sesquimonth during which time the format of the radio and its bcs'd been restruxured. Improvements'd been made and the name of the radio'd been changed. Anmt at apx 0720 said VOMNR'd be on the air daily 0400-0500 & 1700-1800 on 4764 (WBI 30/6)

V of Chilean Resistance svc in SP from Algiers since Feb 78, obs 24/6/83 in progress at 0015 on 7245 to 0031. Anmts give fqs as 15160 11810 11470=[sic] 9630 7245 7195 6160 1422. Hostile to Pres Pinochet and Chile govt, said to be from the "Chilean anti-fascist resistance in Algeria" (WBI 30/6)

R Magallanes, cland pgm for Chile via R Moscow sked: 0200-0230 on 17785 15520 15465 15435 15210 15175 15150 12040 11890; 0330-0400 on 17785 15520 15465 15175 15150 12040 11890 (WBI 16/6) 17785 VG here twixt Dubai and Australia (gh)

R Mambi, LV de la Junta Patriótica Cubana, 7080, 24/5 -0010\* from Florida, addr Apartado 2028, Caracas; ID in SP (R Pavanello, Vercelli, Italy, Play-DX) Have not seen that one reported in a while, even from N America (gh)

R 15 de Septiembre Fair 19/6 on 6900 at 0311 w/march mx, ID, talk; on 7000 19/6 0535 w/mx pgm // 6900 (Christos Rigas, Chicago IL)

Spy Numbers 8070, 11/6 0510, same Spanish woman as for months; CW "E 5" on top, jammer? Just caught // 8098, 8112; 0535 she's on 6791, 6775, 6758--seems like three fqs each time. Unbelievable! (Chuck Oliver, Spring TX)

Spanish numbers stn was jammed when on 7428 at 0712. Moved up dial every 15 mins or so when a carrier signed on. Xmsns only at 00- 15 mins after the hour. When this stn came close to 7425, at 0712 a heterodyne zeroed in on it, followed by someone hand-tapping morse code, the same type used by USSR jammers

ally made numbers stn unreadable. Jammer intensity began to fall as  
went off after the YL #s stn said Final. However, after this the  
ame back on and stayed until the numbers carrier off. Apparently,  
was trying to just create a het that'd make xmsns unreadable because  
ceased when the carrier went off. Maybe the pirates--one illegal  
re telling another [il]legal group to stay away from their frequencies  
(Phillip M Dampier, Rochester NY)

## H AMERICAN PIRATES

Voice of Tomorrow [see July LN]

On 16/4, I hrd a pirate called  
rd International, w/howling wolf IS, played 3 songs and were gone. I  
this to MVDKC and ACE. The same issue of ACE w/my logging also prin-  
ew address because I wanted local members in Dallas to get in touch  
R Vanguard sent a QSL to the addr saying I had the first QSL for  
rat broadcast, that they would be changing their name to V of Tomorrow  
d be on 6240 & 7410 18/6 & 19/6. I looked for them and heard both fqs,  
5-0320\*, \*0415-0445\* on 7410. I was shocked to hear a hate broadcast  
against nonwhites in general and Jews in particular. The scary part  
the bc appeared to be very well thought out and not the random ravings  
pt. I'm afraid there's a determined organization behind these bcs,  
we haven't heard the last of them. At the very least whoever's re-  
e knows something about propaganda techniques. The ancr used the name  
rey and claimed the same xmtr and studio sites as on the QSL card  
re and Providence, resp.]. He also gave an addr for QSLs stating one  
ules as reporting where you first hrd about the stn. These were and  
econd series of tests so aside from the bulletins the first logging  
in, there would be no way for anyone to have heard about them. Could  
at the organization behind VOT (if any) had its own methods of publi-  
he stn, and wants to see if they were effective?  
t to be the first to renounce this stn for what it is: a voice of in-  
bigotry trying to stir up hate. I'm hoping that the SW clubs will  
strong stand against this sort of thing. Some technical points: the  
r spoke on the 19/6 bc as on the April pgm. On the two separate bcs  
9th, the same spoken anmts were used tho different mx was played.  
eard w/the song "Tomorrow Belongs to Me." The stn offered VG reception  
[April], and fair reception here. They claim a 2 kW xmtr in Baltimore  
willing to believe them. Here's one pirate I hope the FCC shuts down  
berts, Dallas TX) Fred also provides a transcript of some of their  
itic comments, and a photocopy of the VOT QSL card showing an appar-  
e in Germany, "Campfer und Silvaplana". Postmarked Providence, Carey's  
ack says "we are dropping the "vanguard" from our name since we dis-  
another organization was using it." (gh)  
Tomorrow, 6239.8, 19/6 0254-0321, SIO 233. Cland stn describing Jewish  
ent in America's media and our society today. Ancd as an attempt "to  
ru the wall of censorship present" in today's media, mixed w/rock mx.  
6 0414-0441 on 7409.9, SIO 444; and 19/6 2205-2235 on 7409.9, SIO 233.  
content as two previous, but this time classical mx instead of rock  
propaganda segments. Poor sig this time of day. 20/6 0003-0030 on  
SIO 222; same pgm but different cl mx. They obviously have produc-  
es to make a wide variety of modified shows (Kirk Baxter, KS)  
a test xmsn hrd 19/6 0305-0321\* on 6240. Very strong sig. However,  
ntly anti-semitic, racist and is not to be listened to with a full  
(in fact, I suggest it is not to be listened to at all). Mentioned  
ns to be on 6240, 7410, 15100, 15460. S/off with anthem "Tomorrow  
to Me" and "Cry of the Wolf/Timpani" IS. Also hrd on 7410 0418 19/6 ..  
strength. This stn is cut from the same cloth as Britain's "Radio  
William J Martin, Wilmington DE)  
est xmsn hrd on 6240 0308-0321\* 19/6; carrier off few secs after au-  
ve fqs 15416 15100 7410 6240; too busy listaning to see if hoax to  
her fqs. Claimed to be only American media not controlled by Jews.

Pitch for eugenic legislation and white-only immigration (are Jews white?). Music too. IS of timpani over wolf howl. Professional sounding audio. Gave Bristol VA addr. SIO 434, QRN. No mention of when testing again. Hrd again 20/6 0005-0050\* on 6420 [sic, think he means 6240]. Said xmtr in metro Baltimore area w/2 kW ERP. Only one xmtr so other fqs mentd must be at other times. Will have two program formats, pop and cultural. Production facilities nr Providence RI; contributors from New England, all volunteer. Same sort of rhetoric as lastnite. Still no ment of sked; SIO 333, CW QRM hi side (Jonathan Katz Earlysville VA)

VOT hrd 0030-0050\* 20/6 on 6240, also ancd 15416 15100 7410, but all QRMed. [Same details as above] (Andrew M Jordan, Birmingham MI) Note that three of their four ancd fqs are on or near fqs used by Israel Radio at some times (gh)

VOT, infinitely less amusing than "Glockenspiel" [below], \*0413 20/6 on 7410 AM; IS of kettledrum accompanied by howling dog, then "Telstar". What fol lowed was 30 min of vry smoothly presented racistpropaganda interspersed w/mx. Message was anti-black and anti-Jewish--mostly the latter. Nazi is not a term I use lightly, since its meaning is, mercifully, mostly historical. But this broadcast was the real thing--like something right out of one of those Deutsch-landsender transmissions from the late '30s. They even signed off with an "original cast recording" of "Tomorrow Belongs to ME", the theme mx from a pre-WW II German propaganda film that some may have caught when excerpts of it, were run on a PBS (I think) documentary a year or so ago. [Song also in the film "Cabaret"--starts beautifully innocent, progressively turns into Evil -gh]. Singer had excellent EG, but detectable trace of GM accent. No other fqs actv at this time--tho RBI was using 15100 for its usual propaganda--the perfect pair! They seemed so paranoid that I think they'd be disappointed if we didn't all call the FCC next time we hear them (Bob Rankin, Lawrence KS)

The Crystal Ship 4/7 0359 on 7425, hrd faint signal w/rock, so pirate. VP signal due to lightning static, but they were talking about V of Tomorrow, that disgusting pirate. Two M ancrs said it should be called V of Yesterday; gave pirate radio a bad name. Retuned 0630 and still going but much better level, taking phone calls to a 301 (Maryland) number; finally hrd ID; gave addr in Moorhead MN. Sudden 0718\*, busted? Still overmodulating. SINPO at 0400 212, 0500 212, 0600 212, 0630 222, 0700 323, 0718 323 (Phillip M Dampier, Rochester NY)

4/7 0530-0717\* on 7425, using loop # (301) 840-9948, VP at first, VG by s/ off exc when numbers stn QRM on 7430 0701+. Gave ACE addr for QSL. On phone # 0545 they told me 40 watt carrier, modulated up to 50 watts (sic). Pse QSL (Frank N Decker, Syracuse NY)

4/7 0448-0524 f/out on 7425, rock mx, DJs called The Poet and The Radical. Several IDs and loop phone number as above. Also parody of evangelist, mentd 4/7 pirate fest and apologized for not being on sooner due to tech diffs. QRN levels hi, and stn had very poor audio, often distorting (Nolan Stephany, Williamson NY)

4/7 0440-0700 on 7425, SIO 422. Variety of rock, live phone calls talking about all the pirate activity incl R Highlander. Spanish #s stn carrier \*0635 & 0700 bc drowned out The Crystal Ship (Thomas Semesky, Hammond IN)

28/5 0605-0701+ on 7425, Beatles, Queen, intermittent fundamentalist preaching against rock. Staff ancd that the 20m xmtr was out when power supply committed suicide. Addr in Moorhead MN. SINPO here 33454 (Gregory A Baker, Richmond Hill NY)

Der Glockenspiel. 23/5 0140-0223 on 7425.5 drifting to 7425.8; hrd w/cannonade and "O Tannenbaum" IS to 0155, mx tones and ID, into German pgm w/pop as Autobahn, and Der Kommissar. Several ments of Chicago, S9 here, +10 at times, so this is possible location. G audio, slightly undrmod at times, fluent OM at mike (Joe Farley, Downers Grove IL)

19/6 0345-0409 on 7424.3, SIO 333. GM mx including two above; appears same pgm that was aired 23/5; must be of NAM origin due to strength. ID occurred

eral beeps then several people in unison would shout the ID. S/off  
annenbaum" and sound of cannons (Kirk Baxter, KS)

454-0404\* on 7425, Chicago area pirate using German returned. Name  
like "Der Glaukensteer". GM pop mx, 0404\* because of apparent xmtr

Fair sig (Christos Rigas, Chicago IL)

345-0410\* on 7424.2 AM, "der Glockenspiel" (sic) with GM lang pgm.  
bably trying to pass itself off as a europirate direct from Ger-  
s stn is located in Chicago or environs. I recognized the pgm com-  
ing from a Chicago FM stn specializing in ethnic appeal (mostly  
erbian, etc.) I used to listen to them when I lived there. The  
r included local Chicago ads, addresses, phone numbers, all in GM,  
d out the call letters (which I have forgotten) and substituted  
e ID. It consisted of several people speaking bad German in unison,  
er Glockenspiel." That should be "das Glockenspiel," boys and  
/off was at 0410 with a bit of "O Tannenbaum." (Bob Rankin, KS)

7409.5 USB, 19/6 0459-0527+, SIO 222. Pgm of Jethro Tull mx, requests  
via (213) 840-9948. Later on sounded as if op trying to place calls  
chtones and secode pulses hrd) but sig so poor that few details could  
ut (Kirk Baxter, Mission KS)

tar Int'l, 13787.4, 19/6 1913-2000+, SIO 444. Tremendous signal with  
lation. Instrumentals and contemporary rock songs played with long  
etween each song. IDs about every 15 mins. Sig began to fade near  
sn (Kirk Baxter, KS)

e Int'l, 7301.1, 19/6 0556-0606, SIO 333. Quite strong until a deep  
606. Playing mx by The Rolling Stones, 0600 DK pgm w/fqs of some Af  
stns. Good modulation while they could be heard (Kirk Baxter, KS)

429.6, 17/6 0329-0513, SIO 222. Rock mx incl "Don't Tell Me You Love  
Tickets to Paradise", "Masquerade" and so on. They were asking lis-  
call (215) 322-6926. I called and spoke w/someone who was not at  
but was relaying msgs. QSL addr of PO Box 302, Levittown PA 19057;  
ASE. Before s/off, "White Wedding" played twice. Op said'd return  
Also 19/6 0450-0512+ on 7430.3, SIO 222. Styx mx, 0511 ID &  
from AM to SSB. SB had both USB & LSB present w/suppressed carrier  
ter, KS)

lar here on Sundays, giving IDs as "WRAM, Pirate Radio 7430", addr as  
ck; 5/5 0732, 12/6 0635, 19/6 0422; 19/6 using SSB from 0511, strong  
nt interruptions (Christos Rigas, Chicago IL)  
ry regularly on 7 430; 19/6 7431 USB 0440-0545. DJ Ron played entire  
radise Theater" by Styx. Also 3/6 0351-0715+ on 7430. Over 3½ hours  
all nonstop mx including two or more entire albums. Ancd addr as  
ant Lochmiller, Denison IA)

hrd w/better signal on new 7426 LSB 19/6, 0420-0440 (Lochmiller, IA)

/5 0455-0602\* on 1620 w/phone calls, pop mx such as ELO on "Howard  
ow", the second of the Tall Tower Weekends. Bill Martin and I were  
callers to 203-622-9606. 29/5 again on 1620, SINPO 44544, Pirate  
ing with Pirate Joe of KPRC until phone patch could be repaired, 0350-  
alls from Wilmington NC and Montreal; ACE addr. 30/5 hrd only three  
x on 1620, then sudden silence; did WDX go once to the well too

gregory A Baker, Richmond Hill NY)

338 on 1620a taking phone calls, discussing pirate radio; QRM from  
ed carrier (C M Stanbury, Ont) Apparently no connexion with the WDX  
Hz in Rochester NY run by Phillip M Dampier, carrier-current (gh)

ve 15/5 0315-0328 on 7424.8, "The Captain," host. R&R mx; reverb ef-  
audio hard to copy (Kirk Allen, Ponca City OK) 12/6 0210-0229\* on

7425. Rock mx by Police, Pretenders. ID as "Radio Free Wave, R-F-W". QSL by sending report to major SW publications. SINPO 25222; see QSL (Christos Rigas, Chicago IL)

"KQSB" 15/5 0336-0401 on 7425.5, no clever commercials hrd this time, just R&R mx. IDs and promo for ACE; Frank Furter dedicated a song to FCC (Allen, OK)  
4/7 0505-0529\* on 7430a, SIO 422. M ancr played rock, gave California mailing addr, ran ad for ACE (Thomas Semesky, Hammond IN)

"WOIS", 7430a, 4/7 0545-0608\*, much static, SIO 322. M ancr, mx by Blondie; read names of various listeners, mine included (Thomas Semesky, Hammond IN)

unID on 7428a, 4/7 0615-0643, SIO 211. M ancr played mx. Hard to hear, weak signal and much static. Hrd partial addr of Box 345?, sounded like there might have been another pirate underneath this one on SSB at same time; not sure (Thomas Semesky, Hammond IN)

**UNIDENTIFIED** 6095-6100, 19/6, unusual stn, F signal, SINPO 35343  
--no voice anmts, just sound effects recordings--  
barnyard sounds, bells, sirens, different machinery, bomb blasts, foghorns, shiphorns, telephones, machine guns, air raid sirens, American Indian chants, haunted house sounds, bird calls; heard from 1400 to 1645 fadeout; at 1515 either dropped in power or faded but still readable. 1600 was strong again. Pausing for 5 mins every hour by going off the air but then returning with the same. Awful weird thing to tune in when you just wake up and turn on the receiver before having coffee. But it did sound like a replay about 4 different times with the same sound effects (Ron Trotto, St Cloud FL) That'll teach you to fall asleep by HCJB, hi hi (gh)

15870 3/7 0520, short bursts of man talking, lang unk; later, hrd two sigs, one in EG, one in SP, guess it's spurious (Chuck Oliver, Spring TX) Well, this is a fq listed for R Australia as a feeder from Lyndhurst, but they don't use Spanish; at this hour might be in EG & FR (gh)

**LAST-MINUTE INFO** ALASKA This direct from KNLS 13/7: most field intensity tests took place intermittently 5/7 thru 9/7, mainly on 11940 but also on 17880 which was more difficult to load; they got quite a few reception reports from the lower 48. There were no problems with RF radiation, but FCC authorization for programming had not been granted, so the target date of 18/7 would not be met--a delay of one or two weeks was anticipated. When programming started, the schedule would be: In Russian on 11820 at 0900-1200 & 1330-1630; Standard Chinese on 9690 or 9620 at 1200-1330 (gh)

ANGOLA Mbango Congo, Zaire Province, on 4885, not listed 4885, 1/6 2145-2200+ in heavily accent PT, Af mx (Bob Padula, Australia, ADXN)

BURMA BBS Main Pgm, Rangoon, 0030-0230, Sun 0230-0330; 0300-0730, 0930-1600. /then w/pgm details contradicting the above/: 0030-0230 7185, 0330-0730 9730, 0930-1600 5985 5040; EG at 0200-0230, 0700-0730, 1430-1600 (WBI 7/7) is

CHINA There's a new domestic minority lang pgm from CPBS, Beijing, at 1500-1556 on 11375 and 15670, in an unID deep Central Asian language (Newkirk, WA)  
2/7 monitoring showed Tibet (Xizang) PES, Lhasa, in Std Chinese svc 2230-0205, 0350-0645, 1000-1455 on 9490 5935 4750, incl CPBS Peking relays (WBI)

CYPRUS R Bayrak, Turkish sector stn, plans to install a 300 kW SW xmtr, as well as upgrading its MW facilities (Media Network via Mick Ogrizek, ADXN) 13

GUAM KIWR morning EG 2330-2400 on 15320, ex-15240 (Alok Des Gupta, ADXN July)

GUATEMALA R Tezulutlán, 4835, vy strong & early 13/6 0935 // 3370. Unseems all-night, but \*0930 which is 0330 local! (Robert Yeo, ADXN) Very early sked for Guatemala! (Peter Bunn, ADXN Ed.) No, it isn't; you must've missed the BBCMS report that Guatemala is on summer time of GMT-5 (gh)

INDIA AIR GOS in EG to ANZ 1000-1100 on 15170 ex-15285 (Alok Das Gupta, ADXN)

INDONESIA Lowest known SWBC from here is 2260 kHz, now IDed as RRI Purwokerto 17/6 1458 ID, then Jak nx relay, // MW 756 (Robert Yeo, ADXN July)

RRI Yogyakarta, 7189, ancing 42,25 m which would be 7089; IN nx, SEAs games journal 0600 1/6; 16/6 \*0400-0800\* //7089 (E H Pranoto, Indonesia, ADXN)

RRI Surakarta, 4932, heard on 2nd harmonic, 9865 at 0100 27/5 (E H Pranoto Indonesia, ADXN)

KUWAIT 6055 extended sked for Ramadan, G at 0005 13/6 w/AR ID, to about 0100. Aden on 6005 also hrd in 2200-0000 period 13/6 (Bob Padula, ADXN)

MALI Bamako, 7110, G at 0600, on early for this fq 10/6, vern anmts, local mx, martial style pgming (Mark Warner & Chris Hambly, ADXN) Strong past 0730; usual \*0800 (Peter Bunn, ADXN)

MONACO TWR has introed new lang svcs, Kazakh & Khirgizian, Fri/Sat 1445-1500 on 11690 (Bob Padula, ADXN)

NEPAL Kathmandu, 3425, EG nx 1453 // 5005 9590 12/6 (Robert Yeo, ADXN) Hrd poorly every day 1400-1720 \* in EG & NP //5005 9589 and not hrd on 3230, 12/6 (Yasuyuki Masuda, Japan, ADXN)

NICARAGUA VON ES continues on 5950 1100-1300 & 2300-0500; first xmsn all in SP but second contains EG 0100-0200 & 0400-0500 (WBI 7/7)

PERU R Nor Peruana, Chachapoyas, describing self as voice of the Peruvian east /sic/, obs on 9655 at apx 1200 28/6 (WBI 7/7)

SAIPAN Altho given as KFEK on a Spectrum broadcast, transcript of that item in ADXN gives call as KFEF for new FEBC stn with two 100 kW xmtrs; test xmsns expected on the air at any time (via Yoshiaki Hayashi, JADX, via ADXN)

SRI LANKA QSLs from SLBC have been hard to obtain. However, Mr Anton Perers, engineer-in-charge of the new stereo service has agreed to verify all reports personally. Send to him at SE Studio, Sri Lanka Broadcasting Corp., Torrington Square, Colombo-7, Sri Lanka (South African SWL via Michael Robinson, ADXN)

THAILAND Since 1/7, R Thailand EG hrd on 11905 9655 927 at 2250-0425, 0500-0600, 1130-1230; an increase of 21h 5 min per week in EG over the previous figure, now totalling 53 h 5 mins per week (WBI 7/7)

U.S.A 19/6, VOA changed timing of some pgms. To India: Hindi 0030-0100 15225 11810 9635 7105 6020, 0100-0130 21630 17830; Urdu 1400-1500 (combining the two half hour bcs previously at 1430-1500 & 1600-1630) 21610 9565; Hindi 1530-1630 (combining 1400-1430 & 1530-1600) 17810 15435 11845. To Asia in EG 0100-0400 now on 15270 ex-15325 (Alok Das Gupta, India, ADXN)

VIETNAM Cao Bang on 6570 to mid June, then 6526 10-12/6, then 6520 to present. Bac Thai 6621-6632; Son La 4770 & 6332; QLKT 4687; Lang Son 6510; Binh Tri Thien used to be on 4647 til mid-Jun but now untraced (Isao Ugusa, DX Front Line 2/7) Lai Chau, once on 6590 26/5, then back to 6570 (Komatsubara, ibid.)

CLANDESTINE R "October Storm," 7185, good in Chinese 0900-1115+ 9/6 & 10/6 // 7524. R Sparks, 9267, CH \*0900-1115+ 13/6, also 7524 7185 (Isami Hyuga, ADXN)

# Radio QSL REPORT

## UATAPURI

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**AFGHANISTAN:** Radio Afghanistan 15077 f/d "Map" cd. in 45 ds. for 2 IRCs. (Meyer)

**ALBANIA:** Radio Tirana 7120 f/d "Spirit" cd. in 2 mo. (Lindsay-NH). -WI)

**ANDORRA:** Adventist World Radio 6220 f/d cd. w/ personal ltr. in 36 ds. for 2  
\* IRCs. v/s Craig Papaioarrou. This was for a 5 yr. old rpt. that I had never  
sent. (Ravenhorst-MN)... Somebody did!

**ANGOLA:** Radio Nacional de Angola 9535 p/d personal ltr. in 184 ds. for a PT/EG  
\* rpt. and 2 IRCs. v/s Jose A. Ilungo. (Palmerheim-MN). Emissora Regional de  
Benguela 6152 prepared cd. in 8 mo. for 2 IRCs. v/s Carlos Alberto Pimenth-  
al. Addr: C.P. 19, Benguela. (Darling-UK).

**ANGUILLA:** Caribbean Beacon 1610 f/d cd. in 28 ds. for 1 IRC. v/s Gareth Hodge,  
Operations Manager. (Brenesal-FL)... Not SWBC but we sometimes include it.

**ANTARCTICA:** LRA36 Radio Nacional Arcangel San Gabriel 15476 p/d "Logo" cd. in  
4 mo. for a SP rpt. and ms. v/s Hector Luis Repetto, Mayor. (Meyer-WI). same  
in 114 ds. for 1 IRC. (Paszkiwicz-WI). f/d cd. in 16 wks. for an EG/SP rpt.  
w/ ms. and a tape. (Sgrulletta-NY). p/d cd. in 113 ds. w/ "Las Malvinas son  
Argentinas" sticker, bumper sticker and paper flag. (Tutak-NJ). p/d cd. in 6  
mo. for 2 IRCs. (Lobdell-MA). attractive p/d cd. in 3 mo. for a tps and 3  
3 IRCs. (Matthews-OH). 15474 cd. w/ ltr. in 8 mo. for 5 IRCs. v/s Mario Hector  
Santinoni, Temente Coronel. (Hosmer-MI). ltr. in 146 ds. for 1 IRC. (Ander-  
sen-NM)... SP buffs - is Mayor SP for Major? vis Matthews. and Bill also  
reports an error from last mo. AFAN 6012 Manager is J02 Terk O. Husbands.

**ANTIGUA:** Deutsche Welle 6040 f/d cd. in 1 mo. (Palmerheim-MN). 6085 f/d cd. in  
56 ds. (Rigas-IL)... DW now giving sites on their QSL cards!

**ARGENTINA:** Radio Nacional de Buenos Aires 6060 and 9690 f/d "Logo" cd. in 2  
\* wks. via G. Barrera. (Palmerheim-MN). LRX Radio El Mundo 11755 f/d "Micro-  
phone" cd. w/ sticker and pennant in 2 wks. for a SP rpt. and 2 IRCs. (WIL-  
ASCENSION ISLAND: VOA 17830 f/d cd. in 12 ds. (Hosmer-MI). kins-CO).

**ASIATIC RUSSIA:** Radio Moscow 17880 via Irkutsk f/d cd. in 11 wks. (Palmerheim  
-MN). same in 28 ds. (Plum-NJ). 9505 via Kenga f/d cd. in 33 ds. (Paszkiwicz  
-WI). 7175 via Khabarovsk f/d cd. in 42 ds. (Ravenhorst-MN). 15100 f/d cd.  
in 3 wks. (Hazeltime-WA). 17700 via Petropavlovsk-Kamchatsky cd. in 3 wks.

**AUSTRALIA:** VLW9 9610 f/d "Map" cd. in 17 ds. w/ sticker. (Hazeltime-WA).  
v/s Shirley Tiew. (Stephany-NY). VLQ9 9660 f/d cd. in 31 ds. (Stephany-NY).

**AUSTRIA:** ORF 21615 f/d cd. in 68 ds. (Lindsay-NH). f/d "Recreation" cd. in 78  
ds. (Somers-NJ). 5945 f/d "Phantasmagorical Landscape" cd. in 60 ds. (Cobb).

**AZERBAIJAN SSR:** Radio Baku 4785 f/d plain white cd. in 95 ds. (Streeter-NY).

**BANGLADESH:** Radio Bangladesh 15285 f/d ltr. in 375 ds. for 3 IRCs. v/s Mob-  
\* aed Abdur Rashid. (Witte-CA).

**BELGIUM:** BRI 6225, 9880 and 11625 3 different f/d cds. in 24 ds. (Stephany-NY). wicz-WI).

**BELIZE:** Radio Belize 3285 f/d "Map/Logo" cd. in 24 ds. (Cones-VA). same in 28 ds. (Paszkie-  
wicz-WI).

**BENIN:** La Voix de la Revolution ORTB 4870 n/d "Logo/Map" cd. in 42 ds. for a FR rpt. and 2  
\* IRCs. (Streeter-NY). ORTB Parakou Regional Station 5025 cd. in 59 ds. for a FR rpt. and  
2 IRCs. (Konen-WI). in 6 wks. for 1 IRC. (Gliksman-IL). p/d cd. in 27 ds. for an EG rpt.  
and 1 IRC. (Rigas-IL).

### THE FALKLAND ISLANDS BROADCASTING STATION

also sent in by Lazarus and Davis.

We are pleased  
to verify your  
report of reception



on 5th April  
.0919 - 1015 GMT  
.395.3 kHz.....

2370 kHz 3958 kHz 96.5 mHz FM

QSL also sent in by everyone who  
No. 189 QSLed the station!!!

R.R. Davies  
BROADCAST SECRETARY

**BIAFRA:** FRCN Enugu 6025 p/d personal ltr. in 80 ds. v/s P.A. O. Orogbu. (Stephany-NY).

**BOLIVIA:** Radio Illimani 6025 f/d ltr. in 5 mo. for a SP rpt. and 1 IRC. v/s Fausto Caballero Molina, Director General. (Swaringen-NC).

**BONAIRE:** Radio Nederland 6165 f/d "Elevo Site" cd. in 41 ds. (Smith-NY).

**BOUGANVILLE:** Radio North Solomons 3322.5 p/d personal ltr. in 32 ds. (Konen)

Radio Circo

Radio Clube Ribeirao Preto 15415 n/d  
in 20 ds. for a PT rpt. and 1 IRC. v/s  
G. Pizani. (Plum-NJ). VOA 15205 via  
f/d cd. in 15 ds. (Hosmer-MI).  
Radio Sofia 9700 f/d "View at Ness-  
in 17 ds. (Cones-VA). f/d cd. in 9 wks  
ay-NH). 7115 f/d "Monument to the  
Army" cd. in 86 ds. (Streeter-NY).  
LAN SSR: Radio Moscow 5920 via Orsha  
in 7 wks. (Plum-NJ).

Radio Bertoua 4750 f/d form ltr. in  
for an EG rpt. and 2 IRCs. v/s James  
tem. (Wilkins-CO). same in 150 ds. for  
pt. and 2 IRCs. (Streeter-NY).

FRX 6070 f/d cd. in 12 ds. for ms.  
deaux-LA). f/d "Toronto Skyline" cd.  
ds. for 2 IRCs. v/s Clive Eastwood.  
ME). same cd. in 2 wks. (Cones-VA).

35 p/d "Sir Sanford Fleming" cd. in  
for 1 IRC. (Cobb-ME). CKZU 6160 f/d  
24 ds. for 1 IRC. (Anderson-NM). in  
for 1 IRC. (Lare-MI). CHNX 6130 f/d  
stickers in 16 ds. for 2 IRCs. (Cobb-  
"Ocean Playground" cd. in 26 ds. for ms. (Summers-PA). same in 30 ds. for 1 IRC.

J. Chiseneau, Chief Engineer. (Tutak-NJ). CFCX 6005 p/d cd. in 31 ds. for 1 IRC.  
-NJ). Radio Canada International 17875 f/d "IYDP" cd. in 7 mo. (Swaringen-NC).

LANDS: Radio Exterior de Espana 15365 via Tenerife f/d cd. in 31 ds. (Paszkievicz).  
ISLANDS: Radio Voz de Sao Vicente 7154 n/d cd. in 24 ds. for a PT rpt. and 2 IRC

-MI). p/d cd. in 22 wks. for a PT rpt. and ms. (Wilkins-CO). 7155 "Map" cd. in 23  
= 2 IRCs. (Streeter-NY). cd. in 1 mo. for a PT rpt. and 2 IRCs. (Swaringen-NC).

Radio Agricultura 9630 f/d form ltr. in 15 ds. v/s Carlos Toledo Verdugo. Also rcvd.  
t and sticker from Radio Minería (Palmerheim-MN).

OPLES REPUBLIC: Radio Beijing 11800 f/d "Tiantan Park" cd. w/ pin and stickers in  
(Stephany-NY). 15225 same cd. w/ pennant and stickers in 15 ds. (Wilkins-CO). 15120  
"Park" cd. w/ pennant in 23 ds. (Somers-NJ). 15520 f/d "Great Wall" cd. in 18 ds.

nant and stickers. (Cones-VA). f/d "Fragrant Forest" cd. in 25 ds. (Blanchette-FL).  
f/d "Tai Ho Hall" cd. w/ pennant in 1 mo. (Stephany-NY). Fujian Front Station 7850

in 3 wks. w/ pennant. (Gliksman-IL). Nanning PBS 5010 f/d cd. in 2 mo. (Barto-CT).  
965, 7504 and 10245 f/d cd. in 35 ds. (Barto-CT). Nanchang PBS 5020 f/d cd. in 2 mo.

Radio Macarena 5975 p/d ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s (Barto-CT).  
e Zambrano Nieto, Gerente. (Gliksman-IL). same in 20 ds. for a SP rpt. and ms.

ter-NY). f/d ltr. in 21 ds. w/ decal for reception of their first day on SWBC!  
-WI). n/d personal ltr. in 32 ds. for ms. (Wilkins-CO). 5973 f/d ltr. in 1 mo. for

pt. and US \$1.00 (Lobdell-MA). Ondas del Ortegua 4975 p/d ltr. in 2 mo. for a SP  
and 1 IRC. v/s Carlos Julio Rodriguez. Sticker rcvd. (Gliksman-IL). ltr. in 65 ds.

SP rpt. (Rigas-IL). same in 20 wks. (Wilkins-CO). same in 57 ds. for ms. (Stephany-  
Radio Bucaramanga 4845 n/d ltr. in 17 mo. for a SP rpt. and ms. v/s Harvey Fernan-

treras. (Streeter-NY). Emisora Armonias del Caqueta 4915 f/d cd. w/ ltr. in 3 wks.  
for a SP rpt. and 1 IRC. v/s P. Alvaro Serna Alzate.

COOK ISLANDS: Radio Cook Islands (Swaringen-NC)  
\* 11760 f/d "Man w/ Shell" cd. in 24 ds. for 3

IRCs. v/s Nooroa E. Tangaroa. (Hosmer-MI).  
COSTA RICA: Radio Reloj 6006 cd. in 42 ds. for an

EG rpt. and 1 IRC. v/s Francisco Barabona G.  
(Brenesal-FL)

CUBA: Radio Habana  
Cuba 9525 f/d

"Guams Tourist"  
cd. in 96 ds.

(Stephany-NY).  
11930 f/d "Croc-

odile Farm" cd.  
in 86 ds. v/s

Maria Montero  
Triana. (Somers).

CYPRUS: Cyprus Broad-  
casting Corp. 6155

f/d cd. in 182 ds.  
for 2 IRCs. (Stephany)

QSL COLUMN REPORT FORMS  
ARE AVAILABLE FROM EDITOR



vintage 60s QSL  
**HEARA Radio Clube**

**CYPRUS:** CBC 6155 via Zyyi f/d cd. in 99 ds. for 2 IRCs. (name?) cd. in 115 ds. (Paszkiewicz-WI). same in 129 ds. (Konen-WI)

**CZECHOSLOVAKIA:** Radio Prague 7345 f/d "Ceremonial Costumes" cd. in 4 mo. (Somers-NJ). f/d "Bohemian Folk Architecture" cd. in 115 ds. (Cones)

**DENMARK:** Radio Denmark 11715 f/d cd. in 13 ds. v/s Burk Baug. (Stephany-NY). 15165 f/d cd. in 29 ds. for a taped rpt. (Michaud-QUE).

**DOMINICAN REPUBLIC:** Radio Clarin 11700 cd. in 96 ds. for 1 IRC. (Brenesal-FL). Radio Maximo Gomez-CID 11700 f/d cd. in 9 ds. via Chicago addr. v/s Pablo Pena. (Konen-WI). f/d cd. \* in 8 mo. for an EG rpt. and 3 IRCs. sent to Costa Rica. (Hosmer-MI). La Voz del CID 11700 \* via Radio Clarin f/d prepared cd. in 9 ds. via Chicago. (Gliksman-IL). Radio Antonio Echegarria 11700 via Radio Clarin f/d cd. in 9 ds. for a SP rpt. via Chicago. (Field-MI).

**ECUADOR:** La Voz del Napo 3280 p/d personal ltr. in 208 ds. for a SP rpt. and ms. v/s Priar Evelio Ortiz. (Fortney-PA). same in 80 ds. for a SP rpt. and ms. The v/s will accept reports in EG, SP or IT. (Stephany-NY). in 11 wks. for a SP rpt and ms. (Wilkins-CO). in 13 mo. for ms. (Streeter-NY). HCJB 17890, 15155 and \* 9745 3 f/d communications cds. in 6 wks. for ms. (Wilkins-CO). HCLJ 28540 f/d antenna cd. from this ham station commencing HCJB. (Palmerheim-MN). Radio Iris 3380 n/d personal ltr. in 37 ds. for a SP rpt. and ms. v/s J. Antonio Marchan C., Sub-Gerente. Erotic calendars rcvd. (Streeter-NY)... This station has come out with some great items! Radio Federacion 4960 cd. in 38 ds. for ms. v/s Wilson O. Marin O. (Darling-UK). Emisoras Jesus del Gran Poder 5050 n/d "Logo" folder cd. in 93 ds. \* w/ pennant. v/s R.P. Jorge Enriquez Silva, Director. (Stephany-NY). Radio Pastaza 3316 n/d ltr. in 66 ds. w/ pennant for a SP rpt. and ms. v/s Hugo Horante, Director. (Stephany)

**EGYPT:** Radio Cairo 9475 f/d cd. in 141 ds. (Blanchette-FL). 9745 f/d "Sadat Memorial" cd. in 138 ds. w/ postcards. (Palmerheim-MN).

**ENGLAND:** VOA 7200 via Woofferton f/d cd. in 5 ds. (Paszkiewicz-WI). f/d "Cowboy" cd. in 17 ds. (Cones-VA). BBC 7325 n/d cd. in 2 mo. (Lindsay-NH). 6195 cd. in 1 mo. (Adams-FL).

**EQUATORIAL GUINEA:** Radio Nacional de Guinea Equatorial 6250 n/d SP ltr. in 38 ds. for a SP \* rpt. Station requested a \$1,000.00! (Konen-WI).

**EUROPEAN RUSSIA:** Radio Moscow 11960 via Simferopol (Ukr?) f/d cd. in 33 ds. (Oksenoff-CA). 17700 via Serpukhov f/d cd. in 11 wks. (Palmerheim-MN). 21670 via Armavir cd. in 11 wks. (Palmerheim-MN). 15320 via Kingisepp f/d cd. in 29 ds. (Fortney-PA). 12000 via Tula f/d cd. in 29 ds. (Fortney-PA). 9675 via Voronezh f/d cd. in 45 ds. (Plum-NJ).

**FALKLAND ISLANDS:** Falkland Islands Broadcasting Station 3958 f/d "Logo" cd. in 3 mo. for 2 \* IRCs. v/s A.R. Davies. (Stephany-NY). same in 60 ds. for 3 IRCs. (Konen-WI). cd. in 14 wks for 3 IRCs. (Howard-CA). same in 7 wks. for 2 IRCs. (Wilkins-CO). f/d cd. in 75 ds. for 4 IRCs. (Gavaras-MN). cd. in 49 ds. for 2 IRCs. (O'Shea-ONT). cd. in 2 mo. (Field-MI). f/d in 37 ds. for 2 IRCs. (Rigas-IL). f/d cd. in 53 ds. for a tape and 3 IRCs. (Hellberg-IA).

**FEDERAL REP. OF GERMANY:** Deutsche Welle 6085 via Wertachtal f/d "30th Anniversary" cd. in 22 ds. v/s Peter Senge. (Mayer-PA). 6085 and 6145 f/d cds. in 1 mo. (Palmerheim-MN). 9565 and 11865 w/ same cd. in 1 mo. (Palmerheim-MN).

**FRANCE:** Radio France International 15300 f/d cd. in 45 ds. (name?)

**FRENCH GUYANA:** RFO Guyane 3385 f/d folder cd. in 138 ds. for 2 IRCs. (Konen-WI). 3385 and 5055 f/d cd. in 4 mo. for an EG rpt. and 2 IRCs. (Hosmer-WI). 5055 f/d cd. in 17 ds. for 1 IRC. (Brenesal-FL).

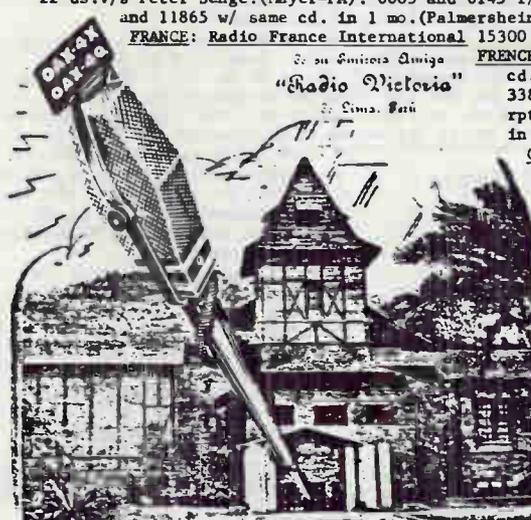
**GABON:** Africa #1 11755 n/d "Logo" cd. in 14 mo. for a FR rpt. and 2 IRCs. (Hosmer-MI). 4811 n/d cd. in 261 ds. for a FR rpt. and 2 IRCs. (Lare-MI). 15200 cd. in 6 mo. for a FR rpt. (Swaringen-NC).

**GEORGIAN SSR:** Radio Moscow 15305 via Tbilisi f/d cd. in 35 ds. (Plum-NJ).

**GERMAN DEMOCRATIC REPUBLIC:** Radio Berlin International 9620 f/d cd. w/ pennant in 41 ds. (Lindsay-NH). 9730 f/d cd. in 37 ds. (Kapinos-MA).

**GREECE:** Voice of Greece 9865 f/d "Plo-mari" cd. in 83 ds. for 1 IRC. (Talbot-ALTA). f/d "Poros Island" cd. in 15 ds. (Cones-VA). VOA 9700 f/d cd. in 42 ds. (Cones-VA).

**GUENADA:** Radio Free Grenada 15105 p/d \* cd. in 5 mo. (Sobkoviak-IL).



**Radiodifusoras**  
**ALTIPLANO**

**RENADA:** Radio Free Grenada 15045 f/d "Antenna" cd. in 180 ds. for 3 IRCs. v/s Una Duncan. (Thibodeaux-LA). same in 44 ds. for 1 IRC. (Brouillette-MO). in 2 wks. for a taped rpt. (Matthews-OH). in 60 ds. for ms. (Meyer-WI). in 504 ds. w/ sticker. (Stephany-NY). 15105 cd. in 142 ds. (Lare-MI).

**AM:** KTKR 9590 f/d "Logo" cd. in 27 ds. v/s Jean Van Haismer. (Cones-VA).

**YANA:** GBC 5950 f/d form ltr. in 25 ds. v/s F. Andrews. (Reinstein-FL).

**MAII:** WVVH 10000 f/d "Aloha" cd. in 24 ds. (Anderson-NM).

**ONDURAS:** Radio Luz y Vida 3250 p/d ltr. in 3 mo. for 1 IRC. v/s Don Moore(who?) (Gliksman)

**OLLAND:** Radio Nederland 17605 f/d "Van Gogh" cd. w/ sticker and pennant in 14 ds. (Cones-VA). The Radio Foundation 6255 large cd. in DT in 1 mo. (Darling-UK).

**UNGARY:** Radio Budapest 12000 f/d "Logo" cd. w/ pennant in 1 mo. (Lindsay-NH).

**CELAND:** ISBS 13797 f/d "Thingvellir" cd. in 5 1/2 mo. for 2 IRCs. (Kacir-MI). same in 2 mo.

(Swaringen-NC). in 143 ds. for 2 IRCs. (Konen-WI). in 105 ds. for 2 IRCs. (Meyer-WI). in 8 mo. for a taped rpt. and 2 IRCs. (Lare-MI). in 89 ds. for 1 IRC. (Rigas-IL). in 160 ds. for 2 IRCs. (Stephany-NY). in 81 ds. for 2 IRCs. (Brenesal-FL).

**IA:** All India Radio 11620 f/d cd. in 55 ds. (Choroszy-ME). cd. in 65 ds. (Plum-NJ).

**AN:** VOIRI 9022 f/d "War Is Ugly" cd. in 70 ds. (Plum-NJ). cd. in 142 ds. (Martin-IN).

15084 same cd. in 1 yr. for 2 IRCs. (Hosmer-MI).

**AO:** Radio Baghdad 9745 f/d cd. in 73 ds. (Barto-CT).

**ELAND:** Radio Dublin International 6910 f/d "Map" cd. w/ sticker in 20 mo. for 2 IRCs.

v/s Gerry Jones. (Streeter-NY). same in 50 ds. for 2 IRCs. (Cobb-ME). ABC Tramore 6240 prepared cd. in 37 ds. for ms. (Geraghty-UK).

**RAEL:** IBA 7410 f/d cd. in 69 ds. (Reinstein-FL). 9815 f/d "Logo" cd. in 38 ds. (Lindsay-NH)

**ALY:** RAI 9575 f/d "Santa Teresa" cd. in 101 ds. (Oksnoff-CA). same in 96 ds. (Sobkoviak-IL) f/d "Giorgione" cd. in 105 ds. for 3 IRCs. (Topoleski-PA). 21695 cd. in 140 ds. (Cones-VA)

\* Radio Time 11585 via IBC f/d cd. w/ sticker in 7 mo. for 2 IRCs. v/s Mannell Stefano.

Addr: Casella Postale 79, 50018 Scandicci (Firenze) Italy. (Lobdell-MA).

**AN:** Radio Japan 17755 p/d "Carp Streamers" cd. in 7 wks. (Barto-CT). 9505 same cd. in 39 ds. (Palmerheim-MN). 17825 n/d "Kyoto" cd. in 1 mo. (Plum-NJ).

**ASHMIR (India):** Radio Kashmir 3277 via Srinagar f/d "House Boat in Dal Lake" cd. in 110 ds. for ms. v/s O.P. Khushu. Rpt. sent to Delhi. (Gavaras-MN)...Congrats!

**AZKH SSR:** Radio Moscow 11770 via Alma Ata f/d cd. in 28 ds. (Konen-WI).

**LRZHIG SSR:** Radio Moscow 15420 via Frunze f/d cd. in 1 mo. (Palmerheim-MN). 11820 cd. w/ personal ltr. in 45 ds. v/s Miss Tanya Lavrova. (Howard-CA). same in 28 ds. (Plum-NJ).

**IRIBATI:** Radio Kiribati 16433 f/d "Unclad Island Girl" cd. in 32 ds. for 2 IRCs. v/s Bill Reiher, Engineer in Charge. Prepared cd. was also returned. (Reinstein-FL).

**OREA, REPUBLIC OF:** Radio Korea 9570 f/d cd. in 1 mo. (Lindsay-NH). f/d "Flag" cd. in 86 ds. (Blanchette-FL). f/d "Art Treasures" cd. w/ sticker in 41 ds. (Plum-NJ). 9870 f/d cd. in

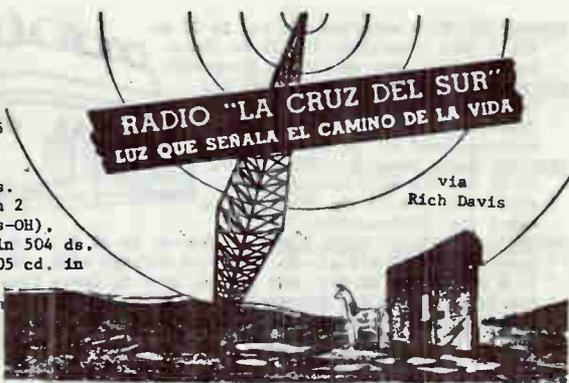
56 ds. (Fortney-PA). 11725 f/d special cd. commemorating first first day reception of the new PT transmission. v/s You Un Young, Chief of the PT Section (Matthews-OH).

**KUWAIT:** Radio Kuwait 11675 f/d folder cd. w/ sticker in 1 mo. v/s Jawad Al-Mazeedi, Chief Engineer. (Somers-NJ). same in 37 ds. for 1 IRC. (Thibodeaux-LA). 9840 cd. in 41 ds. (Cones)

**LATVIAN SSR:** Radio Moscow 21615 via Riga f/d cd. in 40 ds. \* (George-NC). Radio Riga 5935 f/d cd. in 5 mo. (Gliksman-IL).

OSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR AN SASE

**Certificado de Sintonia**  
Radiodifusora: Radio "LOS ANDES" OAZZA.  
Remitiendo desde: Huamachuco, PERU.  
Frecuencia de: 5.030 KHz. Onda corta Banda 80 m.  
Potencia: 5,000 vatios  
Horas, fecha: 04.08-04.46 h. Peruana/19 sept. 82  
Hemos comprobado sus detalles de recepción y confirmamos la sintonia a nuestra emisora. Atte.  
via Craighead and Gliksman  
*[Signature]*  
**PABLO CARDENAS VALVERDE**  
DIRECTOR GERENTE DE R.L.A.



via  
Rich Davis



PERU: Radio Melodia 5995 n/d ltr. in 1 mo. for a SP rpt. Pennant

\* rcvd. v/s Elba Alvarez de Delgado. (Field-MI). Radio Tarma

4775 n/d personal ltr. in 5 wks. w/ pennant for a SP rpt.

v/s Mario Monteverde P., Gerente. (Field-MI). sal-FL).

PHILIPPINES: FEBC f/d cd. in 43 ds. v/s Henry Gray. (Brene-

POLAND: Radio Polonia 6135 f/d "Logo" cd. w/ stickers in

68 ds. (Cones-VA). 7125 cd. in 120 ds. (Cassidy-IN).

9525 and 6095 f/d "Praga District" and "Lazienki

Park" cds. in 119 ds. (Fortney-PA).

PORTUGAL: Radio Portugal 11925 f/d "Salome" cd. in 48 ds.

(Cones-VA). Radio Free Europe 15170 via Gloria p/d

"Map" cd. in 17 ds. (George-NC).

QATAR: QBS 17910 f/d "Map" cd. in 63 ds. for 1 IRC. v/s

Jassem Mohamed Al-Qattan. (Rigas-IL).

ROMANIA: Radio Bucharest 5990 f/d "Spring" cd. in 76 ds.

(Cones-VA). 9690 f/d "Vidraru Dam" cd. in 81 ds. (Paszkie-

wicz-WI). 9550 f/d cd. in 40 ds. (Lindsay-NH). 9570 and 11810

f/d cds. of "Manuc's Inn" and "Central Pavilion" in 7 wks.

SAIPAN: KYOI 11900 f/d "Bird/Logo" cd. in 58 ds. v/s (Matthews-OH),

v/s Ralph Eugenio. (Stephany-NY). cd. in 66 ds. for ms. (Sobkowiak-IL). same in 76 ds.

for 1 IRC. (Konen-WI). in 2 mo. for ms. v/s Mark Grizzard. (Wilkins-CO). 9670 f/d cd. in

45 ds. for ms. (Goering-KS). in 84 ds. for ms. (Stephany-NY). in 83 ds. for ms. (Bryant-OK)

15190 cd. in 53 ds. for ms. (Anderson-NM). (Reinstein-FL).

SARAWAK: Radio TV Malaysia 4950 via Kuching f/d "Broadcasting House" cd. in 110 ds. for ms.

SENEGAL: Radiodiffusion Television du Senegal 4890 f/d "Map" cd. in 63 ds. for a FR rpt. &

2 IRCs. (Ravenhorst-MN). same in 9 wks. for an EG rpt. and 2 IRCs. (Kirkland-ONT). in 43

ds. for 1 IRC. (Paszkiewicz-WI). in 79 ds. for 2 IRCs. (Brenesal-FL).

SEYCHELLES: FEBA 11865 n/d cd. in 29 ds. for 3 IRCs. (Brenesal-FL).

SICILY: RAI 9515 via Caltanissetta f/d "Venere Dormiente" cd. in 70 ds. (Rigas-IL).

SIERRA LEONE: SLBS 5980 f/d ltr. in 165 ds. (Martin-IN). f/d ltr. in 168 ds. for 2 IRCs.

v/s John Maddy. (Konen-WI). f/d form ltr. in 6 mo. for a tape and 2 IRCs. (Palmerheim-MN)

SINGAPORE: Radio Singapore 11940 cd. in 11 wks. (Hazeltine-WA). BBC 7180 n/d cd. in 2 mo.

SOLOMON ISLANDS: SIBC 9545 f/d "Logo" cd. in 33 ds. for 2 IRCs. (Talbot- (Gliksmann-IL).

ALTA). same in 30 ds. for 2 IRCs. (Summers-PA). 5020 cd. in 24 ds. for 1 IRC. (Rigas-IL).

SOUTH AFRICA: Radio RSA 9585 f/d "Johannesburg" cd. in 26 ds. for 2 IRCs. (Talbot-ALTA).

6020 f/d cd. in 14 ds. (Kapinos-MA). 9615 f/d cd. w/ pennant in 20 ds. (Lindsay-NH).

SPAIN: Radio Exterior de Espana 11880 f/d "Art" cd. in 1 mo. (Plum-NJ). cd. in 1 mo. (Adams).

SRI LANKA: Radio Monitors International 9720 via AWR f/d cd. w/ pennant in 6 wks. (Field-MI)

VOA 15600 via Colombo f/d cd. in 9 ds. (thought Liberia?) (Kapinos-MA) AWR via SLBC 11835

f/d "RMI" cd. in 35 ds. for 2 IRCs. v/s A. M. Peterson. (George-NC).

SERINAM: Radio SRS 4850 f/d "Logo" cd. w/ ltr. in 5 mo. for 2 IRCs. (Hosmer-MI). f/d form

ltr. in 93 ds. for 2 IRCs. (Brenesal-FL). same in 111 ds. for 2 IRCs. (Stephany-NY).

SWAZILAND: Radio Truro (SCR Radio) 6155 cd. in 1 mo. for a rpt. direct to Durban. Will

send me a free T-Shirt. v/s Mrs. Zena Watkins, General Manager. (Howard-CA). TWR 9525

f/d folder cd. in 51 ds. for 2 IRCs. v/s Terri Tongeman. (Konen-WI).

SWEDEN: Radio Sweden International 9695 f/d "DX" cd. in 19 ds. v/s Camilla Tollstay.

(Stephany-NY). same in 20 ds. (Streeter-NY).

11710 same in 23 ds. for 1 IRC. (Kapinos-MA).

f/d cd. in 10 ds. w/ sticker. (Hosmer-MI).

11705 same cd. in 1 mo. (Swaringen-NC).

SWITZERLAND: Swiss Radio International 11715

f/d "SRI" cd. in 1 mo. (Lindsay-NH). same in

18 ds. for 1 IRC. (Mayer-PA). Red Cross Broad-

casting Station 15360 f/d cd. in 6 wks.

(Lindsay-NH). same f/d cd. in 46 ds.

for 1 IRC. (Loh-AZ).

TADZHIK SSR: Radio Moscow 17855 via

Dushanbe f/d cd. in 11 wks. (Palmer-

heim-MN).

TAHITI: FR3 15170 f/d "Conch w/ Logo"

cd. in 35 ds. for a FR rpt. and 2

IRCs. (Talbot-ALTA).

TAIWAN: Voice of Free China 9610 f/d "Butterfly" cd.

in 6 mo. w/ pennant. (Palmerheim-MN). 15345 f/d

"Pagoda" cd. in 119 ds. w/ pin, flag and sticker.

for 2 IRCs. (Hosmer-MI). WYFR via VOFC 11740 f/d

cd. in 11 mo. w/ ltr. and taped rpt. (Kacir-MI).



*Radio Del Pacifico*

**TAIWAN:** Voice of Asia 5980

f/d cd. in 25 ds. for 2

IRCs.(Palmerstein-MN). f/d cd. in 125 ds. for a tape and 2 IRCs.(Sgrulletta-NY).

**TANGIER:** VOA 15205 f/d cd. in 11 ds.(Cones-VA). same in 31 ds.(Paszkwicz-WI).

**TANZANIA:** Radio Tanzania 5050 personal ltr. in 35 ds. for 2 IRCs. v/s E.A.H. Mkwongwe.(Brenesal-FL).

**TOGO:** Radio Togo 5047 f/d "Map" cd. in 122 ds. for 2 IRCs.(Lare-MI).

**TURKEY:** Voice of Turkey 11740 f/d cd. in 26 ds.(Talbot-ALTA). f/d "Whirling Dervishes" cd.

in 15 ds.(Blanchette-FL). f/d cd. in 18 ds.(Lindsay-NH). cd. in 19 ds.(Niekamp-MN).

**TURKMEN SSR:** Radio Moscow 15540 via Ashkhabad f/d "Fireworks" cd. in 31 ds.(Streeter-NY).

f/d cd. in 1 mo.(Plum-NJ). f/d cd. in 47 ds.(Konen-WI).

**UKRAINIAN SSR:** Radio Moscow 15100 via Lvov f/d cd. in 1 mo.(Plum-NJ). 9765 f/d cd. in 1 mo.

(Fortney-PA). 15135 via Vinnitsa f/d cd. in 5 wks.(Plum-NJ). 9720 and 11730 cds. in 39

ds.(Fortney-PA). 11770 via Kiev f/d cd. in 40 ds.(Fortney-PA). 17880 f/d cd. in 29 ds.

(Fortney-PA). 15485 via Simferopol f/d cd. in 7 wks.(Plum-NJ). 11960 and 15485 f/d cd.

in 29 ds.(Fortney-PA). 11950 via Kharkov f/d cd. in 35 ds.(Plum-NJ). Radio Kiev f/d cd.

in 52 ds. w/ small flag.(Fortney-PA).

**UNITED ARAB EMIRATES:** UAE Radio 15320 f/d "Map/Logo" cd. w/ pennant in 31 ds. v/s K.F. Fen-

ner, Chief Engineer.(Stephany-NY).

**URUGUAY:** Radio El Espectador 11835 f/d cd. in 6 mo. for a SP rpt. and 1 IRC. v/s Jorge Cub-

illo.(Swaringen-NC). same in 6 mo. for a SP rpt. and 1 IRC.(Johnson-TX).

**USA:** Voice of Free China 5985 via WYFR f/d "Precis Almanca" cd. in 260 ds.(Stephany-NY). in

49 ds. w/ "Butterfly" cd., sticker and pennant.(Fortney-PA). same cd. w/ sticker and pin

in 4 mo.(Talbot-ALTA). f/d "Plum Blossoms" cd. in 67 ds. w/ pin for 2 IRCs.(Mayer-PA).

"Romantic Kingdom" cd. w/ pennant in 6 mo.(Somers-NJ). VOA 21460 via Delano f/d cd. in

1 wk.(Kapinos-MA). KGEI 15280 f/d cd. in 52 ds. v/s Jesus C. Elizondo.(Sobkoviak-IL).

**WRNO** 11940 p/d cd. in 95 ds. for ms.(Niekamp-MN). **UN Radio** 9565 f/d "Logo" cd. in 19 ds.

\* (Talbot-ALTA). **WINE** 15185 f/d "Logo" cd. in 14 ds.(Cones-VA). **WOIS** 3390 f/d cd. in 13 ds

\* for a SASE.(Konen-WI). **KPRC** 1616 n/d "Antenna" cd. in 52 ds. for SASE.(Fortney-PA). in

\* 2 1/2 mo. for ms. Postmark was from North Middlesex, MA.(Kapinos-MA). **Radio Ignacio Agra-**

**monte** 5105 f/d cd. in 9 ds. for a SP rpt.(Field-MI). **Radio Jose Antonio Echevarria** 7412

\* f/d cd. in 9 ds. for a SP rpt. (Field-MI). **Radio Antonio Guiteras** 7352 f/d cd. in 9 ds.

\* for a SP rpt.(Field-MI). **Radio Frank Pais** 7400 f/d cd. in 9 ds. for a SP rpt.(Field-MI).

All CID replies came from 927 15th St. NW, Suite 903-5, Washington, D.C. 20005.

**USSR:** Radio Moscow 15520 f/d cd. in 30 ds. for a SP rpt.(Fortney-PA). **Radio Station Peace**

**and Progress** 11970 f/d cd. in 1 mo.(Niekamp-MN). 19mb. p/d cd. in 42 ds.(Fortney-PA).

**UZBEK:** Radio Tashkent 15460 f/d "Map" cd. in 33 ds.(Kapinos-MA). 11785 f/d "Flower" cd. in

41 ds. for 2 IRCs.(Summers-PA). 9650 f/d cd. in 40 ds. for 2 IRCs.(Plum-NJ). **Radio Mos-**

**cow** 15395 via Tashkent f/d "Razina Street" cd. in 78 ds.(Rigas-IL).

**VATICAN:** Radio Vatican 11810 f/d "Nervi Hall" cd. in 3 wks. for 2 IRCs.(Hakimzhad-AZ).

**VENEZUELA:** YVIC 6100 6100 f/d cd. in 92 ds. v/s German Romero Ocampo, Director.(Cones-VA).

same in 9 wks. for a SP rpt. w/ tape and 1 IRC.(Kacir-MI). in 100 ds. for an EG rpt. &

\* 2 IRCs.(Gavaras-MN). **Radio Antonio Maceo** 4980 via Ecos del Torbes f/d cd. in 9 ds. via

Chicago address.(Field-MI). **Radio Barquisimeto** 4990 f/d "Studio" cd. in 81 ds. for a SP

rpt. and ms.(Niekamp-MN). **Ecos del Torbes** 4980 p/d "Map/Flag" cd. in 189 ds. for a SP

rpt. and 2 IRCs.(Barrera-ARG). in 4 mo. for ms.(Niekamp-MN). **Radio Juventud** 4900 f/d cd.

in 104 ds. for a SP rpt. and ms.(Niekamp-MN). **Radio Occidente** 3225 ltr. in 2 mo. v/s

Berta Puente A., Secretaria.(Johnson-TX). p/d cd. w/ ltr. in 11 wks. for ms.(Palmerstein

-MN). **Radio Turismo** 6180 p/d "Valera" cd. w/ sticker in 7 wks. for ms.(Wilkins-CO).

**VIETNAM:** Voice of Vietnam 10040 new

folder cd. in 146 ds.(Fortney-

PA). 15012 cd. in 173 ds.(Oksen-

**WEST BERLIN:** RIAS 6005 off-CA).

p/d cd. in 42 ds.(George-NC).

**WEST IRIAN:** RRI Sorong 4875 f/d cd.

in 2 mo. for IN rpt.(Johnson-TX).

**YUGOSLAVIA:** Radio Yugoslavia 9620

"Belgrade" cd. in 22 ds. w/ sti-

cker.(Kapinos-MA).

**ZAIRE:** La Voix du Zaire 15245 ltr.

in 48 ds. for 3 IRCs.(Konen-WI).

**ZAMBIA:** ZBS 4911 cd. in 11 wks. for

2 IRCs.(Kirkland-ONT).

**LATE ARRIVALS OF NOTE:**

**CHAD:** Radio Moundou 5286 p/d ltr.

in 83 ds. for a FR rpt. and ms.

Addr: B.P. 122, Moundou. v/s

Dorong Guela Retchoua.(Portney)

**A NEW RECORD!!!** This month we have

135 countries reported! Great. This

was an all Latin Colum. Next month

something elae. ANARC was great! 73's



FUNDADA EL 30 DE MAYO DE 1930

N.J.C.B. ONDA LARGA 870 Kc. H.A.C.F. ONDA CORTA 990 Kc.

# naswa AWARDS reports

7921 Anfred Drive  
Laurel, Maryland 20707

The following report gives all awards issued during the period ending 30 April 1983. All awards are listed in chronological order of issue.

## AFRICAN CONTINENTAL DXER

Gerry Bishop

## AFRICAN CONTINENTAL DXPERT

Chris Gibbs

## EUROPEAN CONTINENTAL DXER

Kevin L. Meyer  
Sandra Manning  
Mark J. Glasgow  
Fred S. Kohlbreuner  
Lynn Burke  
John Dillaman  
Steven R. Lare  
Delbert M. Fye  
Elaine Hill  
Lauren E. Ware  
Robert A. Spiczka  
Frank Wheeler  
Lee Kanon  
Paul G. Benjamin  
Robert P. Gendersen  
Gary Pate  
Sheryl L. Paszkiewicz  
Arnold J. Lausevich

## EUROPEAN CONTINENTAL DXPERT

Robert J. Vance  
Henry Ward

## SOUTH AMERICAN CONTINENTAL DXER

Juan Illa  
Charles Connell  
Delbert M. Fye  
Majorie E. Witte

## SOUTH AMERICAN CONTINENTAL DXPERT

Paul Buer  
Robert J. Vance  
Linton G. Robertson  
Fred S. Kohlbreuner  
Chris Gibbs

## NORTH AMERICAN CONTINENTAL DXER

Terry J. Palmersheim  
M. D. Kirkland  
Chris Gibbs  
Robert J. Vance

## NORTH AMERICAN CONTINENTAL DXPERT

Robert J. Vance  
John Sgrulletta  
Henry Ward  
Gordon M. Darling

## DXER DE PACIFICA

Fred S. Kohlbreuner  
Charles E. Tucker  
Chris Gibbs  
Henry Ward  
Steve Leite  
Walter F. Kunz  
John M. Kapinos  
Hans Johnson  
Jim Green

## ASIAN CONTINENTAL DXER

Delbert M. Fye

## WORLD WIDE DXER

Paul Janto  
Sandra Manning  
Nolan Stephany  
Juan Illa  
Lauren Ware  
Lynn Burke  
Greg Hart  
Steven R. Lare  
Elaine Hill  
Frank Wheeler  
Lee Kanon  
J. Gary Pate  
Sheryl Paszkiewicz  
Boris Ben Kovich  
Robert P. Gundersen  
Trevor Stanley  
Tom Hazeltine

## DX CENTURION

Fred S. Kohlbreuner  
Charles E. Tucker  
James C. Clifford  
Nelson M. George  
Robert I. Cate  
Kenneth Loh  
Delbert M. Fye  
Kerryn A. Brandt  
Steven H. Reinstein

**SENIOR DX CENTURION**

Mark Koukol  
 Richard E. Davis  
 Majorie E. Witte  
 Henry Ward

**MASTER DX CENTURION**

Albert A. Miller, Jr.

**ALL CONTINENT QRP DXER**

Jim Green--50 Kw  
 Chris Gibbs--5 Kw  
 Kevin Mikell--10 Kw  
 Shawn McDaniel--25 Kw  
 Terry J. Palmersheim--10 Kw  
 Richard E. Davis--10 Kw  
 John Sgrulletta--5 Kw  
 Kenneth Loh--50 Kw  
 Gordon M. Darling--2 Kw

**SENIOR NIGERIAN DXER**

Terry J. Palmersheim

**SENIOR BRITISH COMMONWEALTH DXER**

James C. Clifford

**MASTER BRITISH COMMONWEALTH DXER**

Gerry Bishop  
 Charles Connell  
 John Sgrulletta  
 Robert J. Vance

**SOVIET SPHERE DXER**

Charles Connell  
 Delbert M. Fye  
 Steve R. Lare

**MASTER SOVIET SPHERE DXER**

Gerry Bishop  
 Delbert M. Fye

**SENIOR ECUADORIAN DXER**

John J. Moritz

**EMISSORA REGIONAL DXER**

Chris Gibbs

**ECCLESIASTIC DXER**

Sandra Manning  
 Terry J. Palmersheim  
 Fred S. Kohlbreuner  
 William H. Taylor

**MAPLE LEAF DXER**

Terry J. Palmersheim  
 Mark Koukol  
 M. D. Kirkland  
 Michael Monaco

**SENIOR ECCELESIASTIC DXER**

Robert J. Vance

Well, it's been a long time since the last report, but I thought that I would wait until I had some substantial numbers of awards that were issued before I sent in another report. I do want to call special attention to several persons. First to Al Miller, who reached the coveted plateau of 200 countries verified---the 10th NASWA member to reach that plateau. Also to Gordon M. Darling, who reached the QRP DXer plateau of 2 Kw total power for all continents. Also to John Moritz, who is only the 3rd person to qualify for the Ecuadorian Senior DXer award, by receiving a verification from at least one station in each of the Ecuadorian provinces. That's good work John!

There are several things that should be discussed regarding the awards program. First, the cost of each award is \$.75, not \$.50 as mentioned in the December '82 issue of FRENEX. Also, I would like to thank those who have been including 20¢, 10¢, money, and checks for the awards, and not odd values of stamps. They do me no good, and may result in your application being returned to you, WITH THE ODD POSTAGE ON THE ENVELOPE. I will say that it has been better, recently, and thanks to all of you who have tried to make the job easier. Also, to those with the special words, thanks!

I do promise that the next report will not be as long, for it is not fair to those who do apply for the awards. Incidentally, with this report to headquarters go the artwork for two new awards, which will be announced when the awards are printed. I haven't forgotten that the program is dynamic, and I have included at least one award that a listener suggested. Keep those suggestions coming! Also, note the new Zip Code 20707, instead of 20810. Until next time,

Don Henderson

*Don Henderson*

# update

August 1983\*\*\*Number 144

Tom Allen  
636 E. 74th Terrace  
Kansas City, MO 64131  
(816) 523-7292 7-10 pm only

UPCOMING DEADLINES: 10 August (Mid August) 21 August (September) 9 September (Mid-Sept)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT. Freqs are kHz.

**A NOTE FROM CASA UPDATE:** Things are looking up here. The SW equipment is unpacked and a temporary antenna is also up. Am even getting mail from some UPDATERS. The rest is being forwarded ever so slowly from the old house! Please remember the change of address and that there is likely to be considerable delay in the receipt of your reports if you send to the old address. Thanks for understanding as I get acclimated to being a homeowner.

**CAMEROUN** Yaounde, 4850, in EG 0503-10; het from UnID on 4848 and high side RTTY. M w/ news to 0504, W dj w/ "Happy Monday morning to the rest of the world, and this is Cameroun" before her pop mx prgm. Narrow filter took care of problems. (Réck Lucas, CA 7-11)  
**CHINA** R. Beijing, 11515, in AR 1840-1905. Commentary on Middle East, several CH talks with AR translations over, several one-minute recitations, W w/ clear "Huna Pekang" ID 1856. // 9440. (Lucas, CA 7-12) +++ RBeijing, 15520, in EG 1220-56; "Across the Land" prgm, news and Learn to Speak Chinese. (Choice Kinchen, TX 7-4)

**COOK IS.** RCI, 11761a, in EG 0659-0175; het from 11760. Pips, R. Australia world nx to 0710, then M w/ "Welcome back to R. Cook Islands," into pop and island mx. TC as GMT-10. First time I've gotten an ID; there's often an open carrier over them. (Lucas, CA 7-8)

**CZECHOSLOVAKIA** RPrague, 11990, in EG 0300-30; nx and Bohemian mx. (Kinchen, TX 6-28)

**EGYPT** Rcairo, 9475, in EG 0233-0300; "Roundabout" prgm about types of bread in Egypt, local mx. (Kinchen, TX 7-10)

**GERMANY (DEM REP)** RBI, 9560, in EG 0250-0315; DX prgm on magnetic storms, "Spotlight on Sports," and b'cast ended w/ Carlos Santana tune, seemingly unusual. (Kinchen, TX 6-27)

**ISRAEL** IBA, 9815, in EG 0200-25; "Calling All Listeners," letters and Dx prgm. Excellent level; like a local. (Kinchen, TX 7-10)

**NETHERLANDS** RN, 9590, in EG 0230-0300; current affairs prgm and interview w/ architectural historian, Charles Jenks. (Kinchen, TX 6-28)\*\*\*Probably a relay via Bonsaire. tba  
**SWEDEN** RSwedenInt, 9695, in EG 0230-0300; "Weekday" prgm featuring local nx of Sewden. Also noted on 11705 during same slot in EG w/ Mailbag and new record request prgm. Another strong excellent b'cast. (Kinchen, TX 6-23, 7-3)

**TRANSKEI** Capital R., 3930, in EG 0527-31\*; various ads, including one for an acne medication with "Benzoil peroxide," Benson & Hedges cigarettes, and a "Cool-Line" telephone number as 0 (or 4)11-728-4788. One minute of news 0530, freqs, a bit of reggae like mx and gone. (Lucas, CA 7-11)

**TURKEY** VoTurkey, 11740, in EG 0303-50; Letterbox prgm, heavy interference from R. Moscow. (Kinchen, TX 6-29)

**USA WRNO**, 6155, in EG 0315-0420; Allman Bros. mx and commercials. Wonder what foreign listeners think of this compared to the VoA? (Kinchen, TX 6-23)

\*\*\*\*\*

Don Hosmer sends along a complete packet of information on new KNLS, Alaska:

First, the text of a letter Don received from Francis M. Perry, Director of Engineering:

"Thank you for your letter of July 6, 1983 reporting your reception of our test signals at 2328 UT on July 5, 1983. You may be interested to know that you were among the first to receive our signals. Only four other listeners have reported earlier reception.

"We have now completed our tests and will come on-the-air with regular programming as soon as the FCC has time to review our test results, perhaps before the end of July. Our initial programming will be in Russian and Mandarin Chinese. We will probably air some English language programs eventually.

"Enclosed are some brochures about KNLS and its scheduled programming."

Attached was a program schedule good through March 1984 containing the following information:

\_\_\_\_\_ through September 3, 1983  
Summer Season Schedule

0900 Sign-on. Frequency 11.82MHz, Wavelength 25.38 meters. Beamed to central USSR (330 deg. from Anchor Point to zones 20, 21, 22, 30, 31 and 32.)  
Novosibirsk time 1600 to 1900 hours (3 hours)  
Russian language.

1200 Change to 9.69MHz, Wavelength 30.96 meters.  
 Beamed to China (300 deg. from Anchor Point) to zones 42, 43, and 44.  
 Peking time 2000 to 2130 hours (1 1/2 hours)  
 Chinese (Mandarin) language

1330 Change to 11.82 MHz, Wavelength 25.38 meters.  
 Beamed to European USSR (0 deg. from Anchor Point) to zones 19 and 20.  
 Moscow time 1630 to 1930 hours (3 hours)  
 Russian language.

1630 Sign-off. Total for day 7 1/2 hours.

September 4, 1983, through November 5, 1983  
 Fall Season Schedule

0900 Sign-on. Frequency 9.62 MHz, Wavelength 31.185 meters  
 Beamed to Central USSR (330 deg from Anchor Point) to zones 28, 29, 30, 31 and 32.  
 Novosibirsk time 1600 to 1900 hours (3 hours)  
 Russian language

1200 Change to 6.17 MHz, Wavelength 48.22 meters.  
 Beamed to CHINA (300 degrees from Anchor Point) to zones 42, 43 and 44.  
 Peking time--2000 to 2130 hours (1 1/2 hours)  
 Chinese (Mandarin) language

1330 Change to 6.17 MHz, Wavelength 48.622 meters.  
 Beamed to European USSR (0 deg from Anchor Point) to zones 19 and 20.  
 Moscow time 1630 to 1930 (3 hours).  
 Russian language.

1630 Sign off. Total for day 7 1/2 hours.

November 6, 1983 through March 5, 1984  
 Winter Season Schedule

0900 Sign-on. Frequency 6170 kHz, Wavelength 48.622 meters.  
 Beamed to central USSR (330 deg from Anchor Point) zones 28, 29, 30, 31 and 32  
 Novosibirsk time 1400 to 1900 hours (5 hours)  
 Russian and Ukrainian languages

1200 Change to 6170 kHz, Wavelength 48.622 meters.  
 Beamed to China (300 deg from Anchor Point) to zones 42, 43 and 44  
 Peking time 2000 to 2300 hours (3 hours)  
 Chinese (Mandarin) language

1500 Change to 6170 kHz, Wavelength 48.622 meters  
 Beamed to European USSR (0 deg from Anchor Point) to zones 19 and 20  
 Moscow time 1800 to 2030 hours (2 1/2 hours)  
 Russian and Ukrainian languages

1730 change to 6185 kHz, Wavelength 48.5 meters.  
 Beamed to European USSR (0 deg from Anchor Point) to zones 19 and 20.  
 Moscow time 2030 to 2300 hours 2 1/2 hours)  
 Russian and Ukrainian languages.

2000 Sign off. Total for day 13hours.

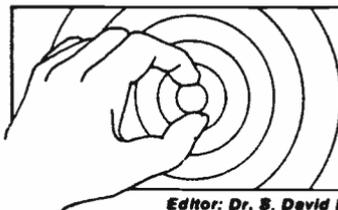
\*\*\*\*\*

An interesting approach to b'casting. Will see if this location works, since accepted logic is that these polar routes should be avoided because of interference and flutter. It will be fascinating to see whether this experiment proves successful.

\*\*\*\*\*

Don't forget the change of address. See you next time as UD begins its seventh year.

25, 



# LOG REPORT

## section A

2000 to 4899 kHz

Editor: Dr. B. David Klein, 642 Cranbury Cross Road, North Brunswick, NJ 08902

The doldrums of summer are really upon us -- noise is up, contributions are down, the AC here cooked out and I'm just about ready to melt...but hopefully after I finish this column!

- 2376T NEW GUINEA R.Chimbu; 1136 M/DJ w/PD tlc, lcl PNG style mx px. Didn't hear an ID, so call it tent. (Murff 6/15)
- 2450 NEW GUINEA R.West. Hilands; 1145 F/DJ w/EG & PD pop mx px to ID/TC @ 1149, "R.Western, 11 minutes before the hour," nx on the hour. (Murff 6/15)
- 2468T PAPUA R.Popondetta; 1034 OM & YL in presumed drama, snatches of tlc in PD, no ID. vp(Mellberg) How's the garden?--sdk
- 2963T BALI & LESSER SUNDAS RPDT2 Manggarai; 1230 Continuous native style mx, all drums & mens chorus, then regular gamelan mx w/chorus singing; no ann of any kind prior to 1300 f/out. (Sparks 6/27)
- 2986T JAVA RKPDT2 Ngawi; 1235 Continuous Indo songs by YL, no ann betw sels. wk(Sparks 6/28)
- 3215 CELEBES RRI Manado; 1053 Inst EZ mx to 1059, F/ann w/ID. f(Polchlopek 7/5)
- 3220 ECUADOR HCJB; 0310 M/ann w/class mx, SP ID & tlc. g/QRN(Bobb 6/24)
- 3220 NEW GUINEA R.Morobe; 1045 M/ann w/PD tlc & island pop mx. g, but had lcl thunder QRN(Murff 6/23)
- 3250 SOUTH AFRICA SABC; 2350 M w/tlc to 2353 mx. Later, RTTY dominates fqy, tho could copy, albeit poorly. (Bolland 6/9)
- 3280 ECUADOR LV del Napo; 0030 Found w/mx. Later had straight tlc, poss nx, to 0045 more mx. p(Bolland 6/10)
- \*3286 PHILIPPINES PBS; 1200 EG nx, TC 1206 for "6 min. after 8," then into pop records. Clear sig in absence of usual CW QRM. (Sparks 6/8)
- 3295 SOUTHWEST AFRICA SWABC; 0030 EZL mx, OM & YL/ann w/AK tlc, ID 0031. Severe QRN(Desrosiers 6/14) 0345 EZL mx px, OM w/IDs 0348. g(Lausevich 6/12)
- 3316 ECUADOR R.Pastaza; 0105 In here w/mx & tlc, more mx. p(Bolland 6/10)
- \*3345 CUBA Mayak; 0113 Usual Mayak px, very strong sig, IS on half-hour, RS ID containing Mayak. Pulled plug 0135. Carrier on briefly later, but then off. Never found here again. (Cunningham 6/10) 0126 Essentially same details, off abruptly 0135. Tnx Lazarus tip. Not hrd since. (J. Jones 6/11) You think this is odd?! See 4765 for more Mayak madness!--sdk
- \*3524 CELEBES RPDT2 Poso; 1135 IN nx by M/ann, anthem 1138, ID, then tlc by M w/freq ment of Poso and trad IN mx w/chorus & orchestra. 1200 ID, then Jak nx relay foll by IN pops. wk CW QRM at times. (Sparks 6/19) Beautiful, Bill!--sdk
- 3775T BALI & LESSER SUNDAS RKPDT2 Sumbawa; 1245 Cont IN songs by M to 1300 ann, then Jak nx relay. wk/QTE QRM at all times. (Sparks 6/19)
- \*3814 SUMATRA RPDT2 Labuhanbatu; 1200 ID, Jak nx relay to 1226, anthem, ID, then trad IN songs. IS w/some kind of bells 1235, then about 5 min lcl nx w/freq ments of Labuhanbatu foll by anthem and more trad songs. Clear sig(Sparks 6/14-15) Also noted drifting to 3815.8 on 7/4 (Sparks)
- 3950 CHINA Qinghai PBS; 1517 CH mx, ID, s/off as per TBS. g(Wood-SAR 5/27)
- 3958 FALKLAND ISLANDS FIBS; 1145 Usual pop DJ mx px. Great sig for so late; winter in the Falklands no doubt helps. (Sparks 7/9)
- 3986.3 TIMOR RRI Dili; 1120 Nice soft keroncong mx, //3306 which was a much stronger signal. New here. (Sparks 7/9)
- 3995 GERMANY W DW; 0050 GM M w/tlc, mx, IS. p/f/QRN(Bobb 7/5)
- 4656.5 ECUADOR CRE; 0030 OM w/tlc, ment Cuba and CAM, ID 0102. f/p(Desrosiers 6/8)
- 4696 BOLIVIA R.Riberalta; 0241 M/DJ w/ata ID, ann, soft ballads. g(Pappas 7/9)
- 4719 BOLIVIA R.Abaroa; 0253 Mx px w/M host. More lcl flavor than Riberalta, but not as strong this nite. (Pappas 7/9)
- 4741T AFGHANI SSR Kabul; 0306 PX of nonstop EZL mx, F/ann w/tlc 0317, back to mx 0321. Poor sigs w/Mamore occ peeking through. (Pappas 7/9) If I'm not mistaken, this is relayed via a Soviet site--sdk

- 4755 BOLIVIA R.Emisoras Bolivia; 1005 Mainly vocal mx w/SP tlc by M. Hrd poss ID 1009 but QRM/QRN made it difficult to be sure. p(Bolland 6/28)
- \*4760 PERU R.Tingo Maria; 1055 M & W/ann, ads, TCs, fqys & ID 1100, community calendar of events. Long tlc, then Andean inst mx, M/DJ. (Murff 6/16)
- 4760 SWAZILAND TWR; 0410 Rel px in Unid lang w/EG hymns. p(Lineback 7/8)
- 4760T VENEZUELA R.Frontera; 0254 S/off proceedings, hrd ment of Frontera, TV anthem, to 0256\*. vp sig(Pappas 6/24)
- 4763a PERU R.Inca del Peru; 0247 Ad string w/canned ID sandwiched betw ads, F/ann w/tlc & lcl mx, canned ID 0300. f(Pappas 6/23)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; \*1000 PT s/on w/EZL PT mx, s/on ann by M w/ID and fqys, tlc by diff M & YL/ann. f(Valko 6/8) 1015 PT M w/tlc & mx. f(Bolland)
- \*4765 CUBA Mayak; No, you haven't gone bonkers if you think you heard Mayak here -- Uncle Fidel has given us another surprisae (à la 600 kHz)! Reportedly on all day and all nite, tho noted to s/off occasionally between 0300 and 0800, giving us a powerhouse sig typical of Cuba. Appears to have settled here after an excursion to 3345. Reported by (Bobb, Bolland, Cunningham, Hixon, Johnson, J. Jones, Jordan, Lineback, Rigas, Sheedy, and Sparks)
- 4770 NIGERIA Kaduna; 0405 Drum mx, EG nx. p(Lineback 7/8)
- 4770 VENEZUELA R.Bolivar; 0110 Martial & military band mx, M w/speech, bugle calls, ment of Bolivar. f(Bobb 6/25)
- 4777 GABON Libreville; 2305 Natl mx, FR vocals to s/off w/NA 2400\*. (Plum 6/20)
- 4781 DJBOUTI R.D.; 2030 Extended for Ramadan, Somali festive mx for Ramadan. This is a wk sta here and I congratulate anyone overseas who can catch it. f(Wood-SAR 6/12)
- 4785 COLOMBIA Ecos del Combeims; 0023 M/ann w/nx, full ID, ads, more mx. p(Bolland 6/4) 0130 SP px w/OM/DJ, ID 0130, QRM off spy numbers. p(Lausevich) 0315 LAM mx, many ment of Super net. p(Rigas 6/12)
- 4790 PERU R.Atlantida; 0937 SP Mx, M/ann w/TC & tlc. Ann depends on IDs & TCs to fill time betw sels. Good sig(Bolland 6/2) I like the new type!--adk
- \*4792 ECUADOR Sistema de Emisora Atalaya; 0329 Sports event w/freq ment of "equipo ecuatoriano." Sptscaster w/occ ID in passing. p(Pappas 7/9) 0411 Romantic request mx px, "Sistema de Emisora Atalaya en su programa 'Fiesta de Medianoche'", M/DJ w/listeners calls to 0452 spiel, closing ann, 0458\*. g(Sheedy 6/19) 0530 Romantic ballads and pop songs, occ ID by M. (Sparks 6/11) 1102 ID by M, bugle call, into px "Radioinformativo Nacional." f(J. Jones 7/9)
- 4800 VENEZUELA R.Lara; 0252 SP mx to ID. (Jones 6/7) 0335 SP pops, EZL mx, ID 0345. (Stanley 6/12) 0345 Mx, ID, NA, 0353\*. g(Lineback 7/8)
- 4810 GABON Af. #1; 0506 FR F/ann, Af & FR songs, nx 0514, ment Chad, Sudan, ID in FR 0530. f/p(MacLaughlan 7/8)
- 4810 PERU R.San Martin; 0036 M w/tlc, mx, just tlc after 0040. p(Bolland 6/4) 1045T Inst OA mx, ads, TCs by M/ann. wk/fading out. No ID but sure it's them. (Valko 6/2)
- 4820 HONDURAS HRVC; 0250 SP ID, again at 0259. QRN(Jones 6/8)
- 4832 COSTA RICA R.Reloj; 0120 OM w/tlc, ID, nx about Nicaragua. g(Desrosiers 6/8) 0412 SP mx, ID 0418, LAM sound. (Witzig 6/14) 0856 LAM M/voc, OM w/tlc, sounded like nx of SAAM, many IDs. (Hensley 7/9)
- 4835 SOUTH AFRICA SABC; 0400 EG tlc, IDs. g(Lineback 7/6)
- 4845 MOLUCCAS RRI Ambon; 1005 Nx relay to 1020, anthem, ID by YL and into IN songs. Nice clear sig, but by 1100 QRM off Malaysia ruins the sig. (Sparks 7/9)
- 4845T MAURITANIA Nouakchott; 0620 M reciting Koran, to tlc about Islam, AR mx & singing. p/bad QRN(Sharpe 6/16)
- 4865 COLOMBIA LV del Cinaruco; 0340 ID, fast mx w/occ ann, NA, 0428\*. (Jones 6/12)
- 4870 ECUADOR R.Rio Amazonas; 0216 SP mx & tlc, full ID & poss nx 0218, foll by mx. p(Bolland 6/16)
- 4885 COLOMBIA Ondas del Meta; 0612 Enthusiastic IDs, promos, slogans, LAM mx sels, etc. Surprised this on this late. QRM/QRN, f/p(Jordan 7/3) 0642 LAM mx, various styles, many TCs, ID 0700. (Sharpe 6/16)
- 4880 SOUTH AFRICA SABC; 0350 AK tlc. g(Lineback 7/6)
- 4890 PAPUA NBC; 0955 EG px "Contact." f(McKellar 6/16)
- 4890 SENEGAL Dakar; 0050 M & F in lang w/discussion of some sort, lang seems to be a form of Swahili [would you settle for "vernacular"?] 0105 NA, 0106\*. f(Bolland)

That appears to be all of the loggings that I received. It looks like some of you are holding out on me! Seriously, I recognize that this is vacation time, conditions are quite poor, there are better things to do, but unless you want to continue to get a very thin FrenDX, I suggest you sit down at the radidio, give a listen, and REPORT!

On a lighter note, I very much enjoyed meeting many of you at Anarcon '83 (better known as Anarc-y)! You'll find my report on the meeting elsewhere in this issue. See you next month, when hopefully we'll have a more substantial column. Till then, 3's & 7's,

*Stu*  
Stu

# LOG REPORT

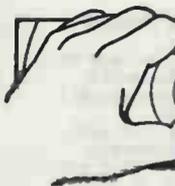
## section B

4900 to 6199 kHz

Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- ZL** R. Relogio Federal, 0111 6-24, pipe and time every min., betw.nx items(Rigas-IL).
- RIA** Lusaka, IS 0345, possible ID 0349, NA 0350, drum mx; poor (Lausevich).
- ADOR** Em.Gran Colombia, pops 0503 6-15, frequent IDs, TCs; weak, QRN (Jordan).
- IL** R. Anhanguera, ID 2347 6-8, seemed like a sporting event, fast talking; ID at 8, some QRM from another stn on fgy, maybe Macapa; fair overall (Desrosiers-MA); on 6-12, ID 0101, ads, talk (Alexander-PA).
- IL** R. Mac. de Macapá, two OM annrcs at 0000 on 6-5, ID given several times; mx, of mx 0031, more mx 0033; fair, with deep fades in QRN crashes (Desrosiers-MA).
- MBIA** Armonias del Caqueta, NA at \*1010 on 6-21, then chimes, ID, into devotional sent; fair sig, no QRM (Jones-MS).
- ADOR** Rdif. de la Casa de la Cultura, nx 0230 on 6-10, ID 0302, slow talk 0305; fusing, as also hrd R. Nacional ID; slow mx, classical vocals; gal with ad (Desrosiers-MA). R. Quito, maybe? (JB).
- ADOR** R. Quito, LA mx to 0400 6-8, ID w/fqys 0400; in the clear, ute off (Valko).
- R** R. Tropical, full ID, TC 0137 6-16 (Bolland-FL); 1032 6-16, IDs, TCs, talk(Jones-MS).
- AVIA** R. Illimani, ID 1030 6-2, CP mx to 1059, ID 1100 (Polchlopek).
- MBIA** Caracol Neiva, mx 0240, ID, nx 0301, good overall (Lausevich).
- ADOR** R. Federación, 6-22, instr.mx, ID w/3 fqys 0255, echo, NA to 0259\*; gud(Valko).
- ZUELA** R. Rumbos, ID 0323 6-14, nx with chimes, ID 0330, more nx; poor(Stanley-AZ).
- LIAND** R. Truro, subcont.mx 0415-0432 7-6, fair in EG (Lineback-TX).
- ZUELA** Ecos del Torbes, hrd 0040 6-7, seemed to segue into CID prgm 0110 (Lausevich); sig at 0945, LA mx, ID (McKellar); LV del CID prgr, "R. Antonio Maceo," ID 0110, see IS between armts here and there, good sig (Lausevich).
- IL** R. Brasil Central, very good 2254 6-24, pops, talk, sev.IDs w/fqys (Valko); 7-2, mx, IDs between (Bolland-FL); sports 2345 6-29, reverb; 0000 6-8, sounded same event as Anhanguera, ID 0007; mx 0045 6-5, 50's stuff (Desrosiers-MA); 0035, mx, comments, reverb mike, full ID 0100, then nx; hrd tentatively at 0115 on 6, but after 6-20 log make it positive; no longer on 4992 (Bolland-FL).
- AFRICA** R. RSA, EG 0410 7-6, fair with mx, talk on miners medical evca (Lineback-EG) nx, catry, mx, 0400-0430 on 6-22 (O'Brien).
- ZUELA** R. Barquisimeto, 0100-0200 7-1, ballads, IDs as R. Barq. Int'l (Jordan).
- ADOR** R. Baha'i, fair 0110 6-16, mx, TC, mention of Baha'i (Bolland-FL); 0215 6-22, and HC mx with vocals, OM and gal annrcs, several IDs and TCs; poor, fading, squeezed between WV and YV (Valko); many IDs 0305 6-20, address 0352, fgy given as 4990 on SW; 354, then IS (Plum-NJ).
- R. Andina, man with ID and talk at 1002 6-16, mx, shouting in the background (B-MN); 1006 6-29, fair, folk-type mx, IDs between mx.selections (Bolland-FL).
- ADOR** Esc. Radiofonica Populares, pretty good lately. Already in progress with HC 0953 7-2, quick ID 0856, more mx, full ID with fqys, address, campesino prgm, still in at 0930 (JB); talk, marching mx 0917, carrier bothersome from 0923; TCs here and there (Bolland-FL); 0953 6-16, same type prgm; started to fade after 1000(Cunningham).
- ANIA** Gjirokaster, \*0300 on 5018, quickly tuning to 5020; nx 6-16 (Bolland-FL); mx 0305 6-12, oriental sound (Jordan); gypsy mx 0335 6-9, //5057 (Bolland-FL).
- N** Parakou, fair, Afr vocals, vernac.talk, 0445 6-12; ID 0500, into FR (Rigas-IL).
- IL** R. Borborema, 2310 on 7-1, instructional-type talking; into Brazilian Top 40 at 2330, with comments and ads (Bolland-FL); 0220 6-9, comm. prgm, man annrc, sent IDs, QRM from arnd 0230; poor sig (Lausevich).
- R. Los Andes, man talking 1015 7-3, OA mx, ID at 1019; hrd till 1030 (Bobb-MN).
- R. Libertad de Junin, very good at 0402, folk mx, EG "Happy Birthday" song sung 409; ID, theme mx (Mellberg-IA).
- IL** R. Cultura do Pará, 0936 6-29, reverb armts, ads, mx; ID 0945, poor(Bolland-FL).
- R. Rioja, weak 0345 6-12, OA mx, ballads; echo ID 0355, NA to 0356\* (Jordan).
- Lome, jazz 2255 6-1, bad fading; slow chimes 2300, nx, mx agn 2303 (Bolland-FL).
- ADOR** R. Jesús del Gran Poder, mx 0954, full ID 1000, theme by group; fair 6-28 (Bolland-FL); OM 1029 6-23, ID, talk, mx, responsive reading, poor-fair in QRN (Bobb-MN).
- ANIA** Dar es Salame, Swahili 0334, Afro mx, even strength with ute; ID 0338 after picking tape, into more mx; first time hrd here, ute usually a problem; 6-21 (Valko).
- ZUELA** Presumed R. Mundial, sports 0315 6-24, local pops 0327, YV anthem 0331 without sig/off armt (Pappas-PA).

- 5055 FRENCH GUIANA Cayenne, \*0900 6-6 with IS, NA, nx, mx, strong but fading (Bobb-MN); magazine show 0947 6-29, cmts, mx; better on //6170 (Bolland-FL).
- 5060 PERU R. Amazonas, 0940-1030 6-30, man, mx and cmts, TCs, full ID on hr (Bolland-FL).
- 5095 COLOMBIA R. Sutatenza, 0020 6-16, 0100 6-5, 0315 7-2, fair-good (Desrosiers-MA).
- 5112 PERU R. Eco, weak at 0230 6-5, mx, ID 0247, ID, NA, 0301\*, hvy QRN (Desrosiers-MA).
- 5565 CLAUDE-STINE 0310 6-5, SP, to 0336\* (Desrosiers-MA). 15 de Septiembre (JB).
- 5945 AUSTRIA Vienna, fair in EG 0130 6-17 (Blanchette-FL); ID before xman at 0155 6-23, Blue Danube IS, 4-language ID, EG "Austria Calling," man with nx (Desrosiers-MA).
- 5950 GUYANA GBC, IS 0725 6-17, ID 0726, NA, s/on annts, TC, fair sig (D'Angelo-PA); sports 0953 6-29, airline ads 0958, TC 1000, nx; good sig (Bolland-FL); unid. in EG at 0830 6-20, mentioning "regional svc," frequent TCs (Long). Definitely GBC, I'd say (JB).
- 5950 NICARAGUA Managua, EG "Nicaragua Today" at 0100-0130 (Sobkoviak); EG nx 0400-0425 7-5 (Sharpe-CA); EG "Contact 248" 0400 6-30, 1stnrs letters, mx titles like "You Don't Have to Read or Write to Operate an M-1" (Summers-PA); 0410-0459\* 6-22 (Jordan).
- 5955 BRAZIL R. Guaiba, "R. Journal" nx 1002 6-29, two men, fair sig (Bolland-FL).
- 5960 CANADA RCI, 0200-0230 in EG, nx, wx, sports, SWL Digest (Mayer-PA, David, Stanley-AZ).
- 5974 COLOMBIA R. Macarena, man with ID 0905 7-5, talk, mx, much guitar, F-G (Bobb-MN).
- 5985 USA WYFR carrying VoFC EG 0230 6-27, "Journey Into CH Culture," CC nx (Blanchette-FL).
- 5990 ROMANIA Bucharest, 0200 on 6-16, good in EG to N.America, but hvy QRN from VOA-5995 and WYFR-5985, nearly eliminated, however, using notch, ECSS and PBT on IC-R70 (Desrosiers-MA).
- 5995 AUSTRALIA RA, 1125-1200, stocks, nx, wx, vocals, world nx 1200 (Bonnet-IN). iers-MA).
- 6006 COSTA RICA R. Relejo, 0815-0830 on 6-20, SP, clear ID (Long).
- 6020 BRAZIL R. Universo, 0710-0725 on 6-4, EZ lstng mx, talk by man anncr, ID, sound effects, jingles. Fair in QRN till open carrier at 0718, audible beneath (Valko).
- 6020 SOUTH AFRICA R. RSA, \*0200-0257\* in EG, 7-5, "Afr Today," nx, VG sig (Mayer-PA).
- 6025 BOLIVIA R. Illimani, hrd in SP at 0120-0205 on 6-24, talk, radio drama to 0135, echo IDs, promos, chatty, amcs as R. Illimani, "la voz de Bolivia" (Jordan).
- 6025 NIGERIA FRCN-Enugu, tuned in at 2300 during 6-25 newscast by man; ID 2303 as R. Nigeria, then quick and only partly distinguishable s/off armt to 2304\*; poor sig (D'Angelo-PA).
- 6040 ANTIGUA DW relay, EG ID 0100 6-10, times & rpts; nx, good sig (Stanley-AZ).
- 6045 AUSTRALIA RA, 1115 6-23 with nx, Business Rpt, "Australia Tonight" (Thunberg-PA).
- 6050 USSR RM from FE site, EG 1304 7-3, world nx, erratic fading, some jamming (Park-HI).
- 6055 CZECHOSLOVAKIA Prague, Czech "Inter Prgm" 0020 on 6-11, clas. mx, VG (Fraser-MA); on 6-4, 0030 with mx, IS 0055, carrier off at 0056, good sig (Sobkoviak-IL).
- 6055 JAPAN NSB, "EG for Millions" 0900 7-8, HCJB-6050 QRN, also 6060 QRN (Park-HI).
- 6060 ARGENTINA R. Nacional, tangos 0829 6-26, pipe 0830, //9690 also VG (Jones-MS).
- 6070 CANADA CFRX-Toronto, CFRB ID 0300 6-23, nx, ads, would have been good except for DW-6075 splash (Jones-MS); faint with EG nx 1705 6-8 (Fraser-MA).
- 6075 W. GERMANY DW in GM 0015-0030 7-6, several stories; fair (Mayer-PA).
- 6085 COLOMBIA Ondas del Darien, Turbo, 1004-1010, OM DJ with hot SP mx, ID at 1004 with TC, ditto 1008, fair sig (Mellberg-IA).
- 6085 W. GERMANY DW, 0100 6-25, IS, ID, nx, "Focus on Bonn," poor sig (Stanley-AZ).
- 6090 LIBERIA ELBC, EG relig. prgm 0705 6-12, ID/TC 0730, gud at first, but fading (Alexander-PA).
- 6090 LUXEMBOURG R. Lux, EG 0120, rock mx, man anncr, dedications (Hixon).
- 6095 ECUADOR HCJB, EG "DX Party Line" at 0630 (Witzig).
- 6105 BOLIVIA R. Panamericana, IS 1024 6-29, 1026 ID, fqys, good to 1100 fads out (Atkins).
- 6110 MALTA R. Mediterranean, EG 2255-2325 6-13, pops, ID, world nx, QRN (Jordan); 2306-2320\* 6-25, EZ lstng format, mx bunched together, ID 2318, NA, off a bit early (D'Angelo-PA).
- 6115 COLOMBIA LV del Llano, 1231 6-4, poor, full ID (Bolland-FL); 1035 (Thunberg-PA).
- 6120 ARGENTINA R. El Mundo, talk by M&W 1032 6-28, nx, much line noise (Jones-MS).
- 6120 NICARAGUA Managua, rapid talks 0400 6-22, ranchera mx, ID 0407, poor-vy poor (Jordan).
- 6126 COLOMBIA R. Super de Cali, net prgmng 0929 6-26, USB necessary (Jones-MS).
- 6130 ECUADOR HCJB, EG talk on AIDS 1028 7-6, rpt on HC mail problems (Thunberg-PA).
- 6130 USA VOA, Jazz Hour 0300-0400 7-2, 10 minutes of world nx first (Bonnet-IN).
- 6135 SWITZERLAND SRI, EG 0145 on 6-20, IS, ID, time pipe, "Dateline," world nx, Swiss nx, VOA-6130 QRN (Stanley-AZ); 0145 6-25, SW Merry-Go-Round, nx (David).
- 6145 W. GERMANY DW, EG ID 0100 on 6-7, "Wake on Europe," "Press Rvw," etc. (Sobkoviak-IL).
- 6150 COSTA RICA R. Impacto was widely hrd. Format is mostly mx, some SP some US (including EG), many SP IDs, some EG IDs arnd the hour. Rpts requested to Box 497, San Pedro, San Jose, Costa Rica. Hrd at following times: 0035 (Rigas), 0155-0215 (Mellberg-IA), 0224-0232 (Worob), 0501-0600 (Cunningham), 0515-0630 (Sharpe-CA), 0535-0605 (Jordan), 0545-0615 (Alexander-PA), 0650-0715 (Bobb-MN), 1045-1125 (O'Brien). So 24 hours, or nearly so (JB).
- 6160 CANADA CKZN-St. John's, US oldies 0900 6-19, TCs, IDs, gud but noisy (Atkins).
- 6165 ONATRE RN relay, EG ID 0230 6-14, nx, interviews, exc sig (Stanley-AZ).
- 6165 SWITZERLAND SRI, EG 2207 6-30, talk, mx, ends EG 2215\*, //15305 better (Bolland-FL).
- 6170 ALASKA Keep your "ear" on this freq, as new religious stn KNLS, Anchor Point, intends to use it 1200-1330 in CH and 1330-1630 in RS, 9-4 thru 11-5; and 0700-1200 in RS and Ukrainian, 1200-1500 in CH and 1500-1730 in RS and Ukrainian, and on 6185 at 1730-2000 in RS and Ukrainian, 11-6 thru 3-5 (JE).
- 6170 FRENCH GUIANA Cayenne, 0920-0931 6-29, pop mx, talk by men at 0930 (Bolland-FL).
- 6180 VENEZUELA R. Turismo, 0923-1000 7-6, many IDs, TCs, YVTO pipe, etc. (Plum-NJ).
- 6185 USA WRNO, fair 0410 6-13 w/"Supergroups in Concert," The Who (Park-HI).
- 6195 CANADA CBC nx SW Svc, Eskimo language 2230 6-15, like chanting, CW type mx also, good sig, //9625 fair (Bolland-FL); strong in EG 0450 7-2, hvy QRN (Park-HI).
- 6195 SINGAPORE BBC FES, live coverage of tennis championships, 1340 7-3 (Park-HI).



# LOG REPORTS

## section D

11700 to and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18052

- 11700 DOMINICAN REPUBLIC R Clarin; 0434 EG, tlk abt Haiti, Curaçao, promo for "The World" show, mx, clear ID 0434 w/ trumpet into SP annt and mx, good (MacLaughlan)  
R Earth; \*0335-0400 EG, fair w/ ID, wld nx by Rudy Espinal and features abt Curaçao, some ads (Rigas) RE Int'l; 0341-0409 EG, Jeff White w/ "The World", feature on Amstel Beer brewed in Curaçao, Mailbag (D'Angelo 6/11) REI via RC; 0330-0420 EG, nx, com's, Mailbag (Martin 6/20) REI; 0330-0400 EG, end of Clarin, "The World" w/ nx from Santo Domingo, pgm from Curaçao, ID's,vg (Sobkoviak) RE; 0332 EG, "The World" w/ ad for Dominicana Air, tlk of life & CW mx in Curaçao (Paszkievitz 6/9) RC; 0107 SP, good, ID 0107,0109 (Hixon 6/29) LV de CID via RC; 2205-2230 SP, nx, mx, ID's, good (Summers 6/29)
- 11705 JAPAN RJ; 1945-2005 AR, nx, "MJK" ID, EG ID 1955 (Sharpe 6/19)
- 11705 SWEDEN RS; 2300-2330 EG, "Sweden Calling DXers" (Weinhold 6/21) 0230 EG, ID, "Weekday Friday", Nordic nx, editorial, fair (Stanley 6/10)
- 11710 ARGENTINA RAI; 0100-0130 EG, IS, ID, nx, sambas & tangos, //15345 (Stanley, Sharpe)
- 11710 SWEDEN RSI; 2300 EG, "Weekday Nx", "SCDX", replaces 11705 and // 15270 (ANARC-FRC) arranged the test and this new freq, SIO 353 (Zilmer 7/5)
- 11715 SWITZERLAND SRI; 0145 EG, ID, TC w/ Swiss Chronometer for exact time, nx, "Swiss Shortwave Merry-Go-Round", Swiss nx #0200, into SP 0215 (Mayer, Stanley)
- 11720 USSR R Kiev; 2330-0000 EG, nx, letters+questions from listeners, mx from the Ukraine (Sobkoviak, McKellar, Blanchette)
- 11735 IRAN VOIR; \*2030 FA, ID, list freq and target areas incl Saudi Arabia, // 15084, good over Sofia QRM (Wood 6/11)
- 11735 CHINA RB; 1200 CH, anthem, ID, fair w/ Moscow CH QRM (Wood) (Pappas)
- 11740 USA VOFC via WYFR; 0247 EG, CH vocals, F anncr, //5985 and poor under Turkey
- 11740 TURKEY VOT; 2200-2245 EG, ID, nx, killed by VOA s/on 2215, f (Summers, Mayer) 0329-0350\* EG, old time favorites like "Til We Meet Again" (Bonnet 6/29)
- 11745 TUNISIA RTT; 2000 AR, nx, foreign svc to Tunisians in Europe, not // 15225 which still carries home svc relay, g (Wood 6/11)
- 11750 SINGAPORE BBC; 1400 EG, classical mx, poor (Hixon 7/7)
- 11755 CHINA RB; 1600 EG, ID, nx, due to Brit accent that it was BBC, g (Wood 6/5)
- 11760 T COOK ISLANDS R Cook Islands; 0703-0800 Maori, W w/local, reg, wld nx, rock mx and pgm of island mx, p-f (Bobb 7/5) 0800-0900 ?, hard to copy pgm, island mx pgm, local N Anthem 0858, sign off 0900, p (Lausevich 6/24)
- 11760 CUBA RHC; 0330 EG, ID in FR then EG, nx, "Spotlight on LAm", sports, mx (Stanley)
- 11765 TRANSKEI Capital Radio; 0430-0500 EG, nx by M on Afr, // 7150 (Hodgson 6/8) any ID's heard ?? be
- 11770 USSR R Kiev; 0200-0230 EG, nx, mailbag (Martin 6/5)
- 11770 NIGERIA VoX; 2035 EG, nx, cntry on energy resources, good (Flux 6/25)
- 11785 USSR R Tashkent; 1205 EG, nx, cmtry, several ID's, good (Hixon 7/6)
- 11785 USA KGEI; 1355-1400\* RS, mx, off w/ ID, f-g (Buer)
- 11790 INDONESIA VOI; 1555-1606 EG, "Nx in Brief", IS, IN pgm, g (McKellar) 1640-1659\* GM/EG, regional mx pgm, GM nx by W 1645, ant "Jakarta", ID by M 1652, vp (Lausevich)
- 11795 T EGYPT V of the Arabs via Cairo; 0303 AR, tent pgm ID and Koran, f (Pappas 7/1)
- 11800 AUSTRALIA ABC; 1550-1600 EG, M w/ pop mx pgm, ID, p (Bobb 7/1)
- 11800 ITALY RAI; 1945-1955 EG, W w/ orch mx, IS, p (Bobb 7/4)
- 11815 NETHERLANDS ANTILLES TWR; 1115\* EG, "Morning Sounds" pgr ext (Kremer 6/22)
- 11815 LIBYA R Jamahiriyah; 2059-2125 AR, political cmtry (Lausevich) 2145-2215 EG, mx, cmtry (Lausevich) 2200-2210 EG, "Happy Mx", plus political tlks (Cassidy) Annc'd freq as 11816 (Paszkievitz)
- 11815 POLAND RP; 0220 EG, ID's, contest details, mx request pgm 0310 (Pappas, Sobkoviak)
- 11815 BRAZIL R Brzil Central; 0940-0949 PT, mx, cmtry, ads following (Bolland)
- 11818 CLAUDESTINE Bizim Radio; -0250 (lang?), closed pgm 0250 w/ few bars of the Int'l, back with IS 0255, opened w/ "Burai Bizim Radio" ID 0300, tlk; fairly good signal, forget where this is supposed to be -- GDR? (Berg 7/4)
- 11825 TAHITI FR3; 0650-0704 FR, tlk btwn M & W, FR ballet, listener phone calls, requests played; no nx #0700 tonight, SIO 454, //15170 SIO 322 (D'Angelo)
- 11830 SOUTH KOREA RK; 1610 EG, cmtry, poor (McKellar)
- 11830 ROMANIA RB; 0210-0245 EG, tlk abt nucl war, farming, class mx 0231, g (Cassidy)

- 11835 SRI LANKA SLBC: 1047-1131\* EG, nx, mx, into Radio Monitor's pgm, TC for 1640 at 1100 GMT; this was "Calling Hawaii" feature on bdcst'g in Hawaii, mnt Dale Parke //17850,15120, to SEAsia and Australia (D'Angelo 6/26)
- 11840 EAST GERMANY RBI: 0230 EG, IS, ID, world nx, p (Stanley 6/20)
- 11845 CANADA RCI: 0200 EG, SWL Digest, QRM de 11850, some QRM (Park-HI 6/27)
- 11850 INDIA AIR: 0850-0915\* EG, dictation nx, f (Wood)
- 11855 SAUDI ARABIA BSKSA: \*1000 EG, Qur'an in AR and EG translation, back here after a fortnight on badly-chosen 11865, s/on now daily 1000, g (Wood)
- 11865 ENGLAND VOA Wofferton: 1530-1600 Czech, nx, time change from 1630-1700 listed, for European DST, g w/ no jamming (Wood 6/12)
- 11880 SPAIN SFR: 0100 EG, nx, "Press Review", wx, science rpt, folk mx, f (Stanley 6/14)
- 11890 EAST GERMANY RBI: 0314 EG, "Spotlight on Sports" ends, into IS, f (Pappas 7/1)
- 11890 SEYCHELLES FEBA: 1500 EG, nx of Sasia, wld, mx pgm, QR: 11885 jammer, 11900 KYOI and // 15325, g (Park-HI, Wood)
- 11900 MARIANAS ISLANDS KYOI: 1003-1145 EG/JP, "Music Radio 24hr a Day" ID, rock mx, tl: in JP, f-g (Hixon, Bolland)
- 11900 T ECUADOR HCJE: 2330-0030\* Quechua(t), sounds like SAM Indian mx w/ wood flutes, vry unusual, no ID, g (Cassidy)
- 11905 WEST GERMANY DW: 0500 EG, IS, ID's, Geru & wld nx, "Letter From Berlin" (Park)
- 11910 HUNGARY RE: 0100 EG, nx, mx and econ nx (David 6/10)
- 11915 BRASIL R Gaucha: 1001-1024 PT, nx followed by ads and mx, f (Bolland) ID?? bs
- 11920 GUAM KTWB: 1445 EG, "Story Time" on animals in Bible, 1500 into Bangla, ID (Wood)
- 11925 PORTUGAL RP: 0300 EG, IS, ID, nx, cstry, art/culture pgms, //9765 (Stanley)
- 11925 BRASIL R Bandeirantes: 0955-1001 PT, cmnts by M, 0956 TC and ID, ads, all under HCJB on same freq, p (Bolland)
- 11930 CUBA RHC: 1200 SP, nx, interesting prop at this hr, f (Wood) 0318 EG, "PO Box 7026" pgm in progress (Pappas 7/1)
- 11938 KAMPUCHEA Phnom Penh: 1200 EG, ID, nx, f w/ QRM Moscow Vietnamese best 1940 (Wood)
- 11940 LIBERIA ELWA: 0625-0630 AR, IS, ID in several lang's, into AR pgm 0630, (Mayer)
- 11940 ALASKA KNLS, Anchor Point; noted here 2330-2345 w/ short version of "Go Tell It On A Mountain" then ID "This is station KNLS, located at Box 473, Anchor Point, Alaska 99556" repeated (Young via FT) 1950-2000 EG, tape loop of M w/ID, address and very distorted mx, still here 2020, f (Lucas 7/4) 0215-0217\*, same (MacLaughlan)
- 11940 ROMANIA RE: 0200-0230 EG, //11830,9570,5990,6155,9510,11810 all hrd (Martin, Sobkoviak, Jordan, Alexander)
- 11940 GABON Africe #1: 2030-2235 FR, Afr mx, ID (Summers 7/8, Lausevich) 0525, 0700 FR, agn for soap, soda and Marlboros (Park, Wood)
- 11940 SINGAPORE R One, SBC: 0951-1002 EG, W w/cmnts in the AM format, which is talking while the music is playing; full ID 1000 followed by ads, one for Commodore 64 computer, then nx by M, f (Bolland) nice bs
- 11943.2T BANGLADESH RE: 1530-1600\* subcontinental mx, 6 time pips, s/off by W "as-salaamu aleikum" (Wood 6/12)
- 11955 LEBANON RL: 0230-0300 EG, nx, pop mx pgm, into SP 0300 (Martin, Atkins, Buer Jordan, Vadino, Plun)
- 11960 ALBANIA RT: \*1200 FR, nx, new time for FR, f (Wood)
- 11960 NEW ZEALAND R2: 1001-1011 EG, nx by M, then wx, incl "frosty weather", into rel pgm (Bolland 7/3) (Cassidy)
- 11975 EAST GERMANY RBI: 0030 EG, propaganda, and analysis of GDR Olympic prospects
- 11990 CZECHOSLOVAKIA RP: 0100 EG, econ dev in countries, sports roundup (Bonnet) 0300 EG, ID, nx, cstry (David, Stanley) (Sharpe)
- 11990 USSR RM: 1550-1650 RS, Mayak pgm, v/ song abt Siberia, mnt "Moskva" til 2130
- 12030 USSR RMWS: 1459-1509 EG, ID, SI, wld nx (Hensley 7/5) via Khabarovsk, 0645-0700 EG, Listener's History Club (Sharpe)
- 12035 T VIETNAM 1120 EG, off 1125, \*1130 in lang, vp (Hixon 6/26)
- 12060 USSR RMWS: 2000-2010 EG, nx, ID, f-p (Bobb 7/4) UHN #48 lists xtr site as Voronezh, QSL'd as Krasnoyarsk bs
- 12070 MONGOLIA Ulan Bator: 1207-1235 EG, nx by W, ID "This nx is coming to you from Radio Ulan Bator", mx at 1215, at end of best sked is given as follows: Mon-Sat 1200-1235, 12070 and 6380KHz; 1400-1435, 12070 and 9570KHz; 1445-1520, 12070 and 9570 KHz; all for EG bests (Bolland??-no name on log) 1220 EG, ID, freq's, to 1235\*, p (Hixon 6/28)
- 13745 ISRAEL KI: 2000 EG, nx, in LSB mode, though listed as AM mode (Zilner 7/1)
- 13797 ICELAND ISBS, Reykjavik: 1845-2000\* Icelandic, on AM mode, good signals w/ tl: by M & K, rx and "Ship Ahoy" in EG! (Witzig, Hixon, Wood, Jordan)
- 14510 M USSR R Tashkent: 1520 UZ, wx, 1530 IS, ID, 2x7255, f (Wood)
- 14993.8 OLYMPIA DESTINE 1700-1800\* Farsi, UNID cland to Iran, satires on Khomeini and Iran-Iraq war, funny songs, many mnt of Kremlin, Saddam Hussein, no ID hrd in 1hr of clear reception; never hrd again though tried nightly, g (Wood)
- 15000 HAWAII WWHV: 0324 EG, TC, ann'd by W, ID 0329 (Kremer 6/26)
- 15000 USSR RTA: 2359-0007, "RTA" in CW under WWV which was weak; also hrd snatches of SP (LOL?) (Mellberg)

15045 GREYHOUND RFG; 2310-2330 EG, Carib & wld nx, obituaries, f(Lausevich, Fraser)  
15060 SAUDI ARABIA BSKSA; 1305-1420+ AR, tlk by M, mx (Jordan 6/25)  
15070 ENGLAND BBCWS; 1830-1930 horrendous mix of WS in EG and Finnish svc both at equal level from 5/28 to 6/3; apparently via same xmtr as no change in strength noted \*1830 and 1900\*, just added FI audio (Wood) 0700 EG, nx, "24 Hrs" (Park)  
15084 IRAN VOIRI; 2340-0510 Farsi, mx, nx and ID's (Desrosiers, Hixon, Long)  
15105 MALTA DW relay; 0100-0159\* EG, IS, ID, nx and lang lesson (Stanley, Worob)  
15110 BULGARIA RS; \*2230, 0005-0030 EG, nx, econ rpt, DI prm (Bonnet, Fraser, Sobkowiak)  
15115 AUSTRALIA RA; 0712-0726 EG, "Report From Asia" (Sharpe 7/3)  
15115 ECUADOR HCJB; 1400-1430 EG, wld nx, rel pgms, Bible verses (Bonnet 7/4)  
15117.4 EGYPT RC; 0600 AR, ID, chimes, //15175, g (Wood)  
15120 SRI LANKA 1100 EG, time pips, R Mon Int'l, calling Hawaii w/ history of Hawaiian radio & station features (Park 6/26) did they mention you??? hi bs  
15120 POLAND RP; 0200-0259 EG, 0330-0345 EG/Polish, nx, Polish folk dances (?), DX club nx, cmtry on Pope's visit, mx by request (Stanley, Reed, Vadino, Cassidy)  
15120 AUSTRALIA RA; 0705-0725 EG, QRM from 15115// and het 15119 (Nigeria?), not hrd 15110, p (Lucas 7/7)  
15120 USA UN Radio; 2115 EG, "Caribbean Echo", tlk abt Palestine, f (Paszkievicz)  
15125 VATICAN VR; \*0200-0225\* EG/lang, nx on Pope's trip to Poland, speeches (Jordan)  
15125 PORTUGAL RP; 1500 PT, futbol, f (Wood)  
15135 USSR R Peace+Progress; 0029\* SP, cmtry to 0027, ID (Jones 6/7)  
15140 UNITED ARAB EMIRATES R Dubai; 1900 AR, ID, time signal; g (Wood)  
15145 USA WINB; 0032-0100 lang/EG, organ mx for 27 minutes (Bonnet 6/26)  
15160 SPAIN REE; 1800\* AR, request rpts, anthem, g (Wood)  
15165 DENMARK RD; 1300-1354\* DN, mx, nx, EG ID's, g (Summers, Martin, Cassidy)  
15165 AUSTRIA ORF; 1900 GM, 4-lang ID, nx (Wood) 0430-0500 EG, nx/verbs (Bonnet)  
15170 TAHITI FR3; 1655-1800 TT/EG, local mx, ID, fades (Reed 6/26) 0130-0245 FR, pop mx, listeners call-in and quiz pgms, //11825, 9750, 6135 (Stanley, Bobb, Lausevich)  
15175 NORWAY RNI; 1400-1420 EG, tlk by M, W, mx, ID's, p (Reed 6/26)  
15195 JAPAN RJ; 1100 EG, tlk on new Antarctic stn, SIO 333 (Blanchette 6/25)  
15200 GABON Afr#1; 0645-0700 FR, nx, mx pgms, vp (Lausevich 6/24)  
15200 SEYCHELLES FEBA; 0422-0439 EG, "Showtime" rel mx pgm (D'Angelo)  
15205 TANGIER VOA relay; 2100 EG, nx, "New Horizons" pgm (Plum 6/19)  
15220 SOUTH AFRICA RRSa; 1430-1445 EG, tlk, ID's, p (Reed 6/26) 0641-0650 EG, media rvw, rel pgm (D'Angelo)  
15245 ZAIRE LVdZ; 0312-0337 FR, hilife mx, clear ID 0330, g (D'Angelo)  
15255 AFGHANISTAN RA; 0123 lang?, flute IS, s/on by M at 0126, 0130 time pips, NA, ID then Koran, thx to Bobb (Johnson 7/7)  
15270 SWEDEN RSI; 2300 EG, "Mailbag", nx, sports, current affairs (Paszkievicz, Blanchette)  
15280 USA KGEI; 0200 SP, M announc w/ nx, organ mx, g (Sobkowiak)  
15290 BRAZIL RB; 0210 EG, "Sunday Special" Braz mx, exc (McKellar)  
15300 FRANCE RFI; 1200 FR, nx, slightly garbled signal, f (McKellar)  
15300 JAPAN RJ; 1905 EG, General Svc, nx, f (McKellar)  
15305 SWITZERLAND SRI; \*0145-0215\* EG, nx, "Dateline", f (Bonnet, Stanley) 0315-0330 FR, ID's, tlk by M (Reed 6/29)  
15309 GUINEA LVdL Rev; 2000 FR, vernaculars, nx followed by tlk (Rigas 7/3)  
15310 OMAN BBC relay; 1325 EG, live coverage of Wimbledon tennis championship (Park)  
15320 INDIA AIR; 1030 EG, ID by W, "Faithfully Yours" (Park)  
15330 ITALY RAI; \*2200-2225\* EG, nx, //9710 vp, 11800 not aud (D'Angelo 6/25) 0440-0510 IT, nx, mx, into presumed SP (O'Brien 6/29)  
15340 NORTH KOREA R Pyongyang; 1400-1415 EG, nx, cmtry (Martin 7/2)  
15345 ARGENTINA RAE; 0433-0450 EG, nx, sports, feature on Malvinas Isl (D'Angelo)  
15350 ZAIRE LVdZ; 0350 FR, pop mx, nx (Hixon 7/7)  
15355NF LEBANON RL; 0131-0135 SP, s/on w/ID, tlk; co-ch R Liberty+Jamning (Buer)  
15364 CANARY ISLANDS REE; 0135 SP, ID, easy SP mx (Jones 6/29) 0032 SP, disc by M, ID 0044 and 0110, opera mx, //9360 (Paszkievicz)  
15405 GABON R Japan test; 0501-0529\*, a minute of JP mx followed by ID's in JP, EG "This is the intl transmission center of Moyabi, in the Republic of Gabon", FR, GM, SP, and PT, then repeated; also hrd on 21485 at 1725, weak (Berg 7/8) RJ test to Middle East via Moyabi, 0459 instrm mx, 3 ID's in JP by W then ID's in EG as above (Johnson 7/8) (Bobb)  
15415 BRAZIL R Clube Riberao Preto; 0150-0230 PT, rel tlk by M, mx and singing ID's  
15430 MEXICO RM; nx, mx, ID, NA, and 0331\* (Plum 6/19)  
15435 UAE Dubai; 0330 EG, tlk on "Arab Moslem Institutions", requests for reports, g (Pappas 7/1, Blanchette)  
15458.6 ITALY R della Pace, Verona; 2000-2100 IT, letterbox w/Rvdo. Don Guido, letters frm Verona, Ticino, in FR frm Brussels; took on-air phonecalls, quotes from the Pope and the Bible, g (Wood)  
15485 NEW ZEALAND RNZ; 0355 EG, "Music for Pleasure", live soccer game; //17705 not as good (Stanley, Witzig)

15515 PAKISTAN RP; 0515 URDU, filc. ex. //17660.g (Wood)

15520 CHINA RE; 1230-1256 EG, "Letterbox" pgm, vg (Fraser 6/26, Reed)

15520 USA WRHO; 1800 EG, rock mx, ads, vx; uses FM-100 and WRHO Worldwide ID (Fraser)

15520 USSR R Magallanes; \*0330 SP, to Chile, IS, ID, alternating anti-Pinochet  
 tlks by M and W dealing with govt restrictions on travel (Pappas 7/1) //15465

15525 TAIWAN WYFR via VOPC; 1400-1500 EG, rel pgr, "Mailbag", "Open Forum" (Zilmer, Park)

15555 CLANDESTINE R Vatan; 1715-1740 lang (Farsi or vern), ID 1710, mx, cmtry, p (Lausevich)

15575 SOUTH KOREA RK; 1434-1446, \*1845-1945\* EG, nx, cmtry on reunification, Korean  
 War, "Let's Learn Korean" (Hensley, Kremer)

16434 KIRIBATI RK; 0621-0703 EG, Kiribatese, island mx w/ occ singing, ancncts in  
 both lang by M; BBC EG comedy pgm 0630, occ mx; several ID's 0700, mnt of freq;  
 Also several TC's, f (Valco 6/4)

17533 M CHINA Clandestine Voice of Democratic Kampuchea; 0855 Khmer?, theme mx 0900,  
 slow ID's by M & W, tlk by W, QRM, QRN, fading (Park 7/8)

17550 BELGIUM BRT; \*1815-1900\* EG, "Brussels Calling", to Afr (Wood, O'Brien)

17595 MOROCCO RTM; 1145-1205 AR, instr mx, "Huna Ribat" ID at 1200 then nx (Rigas)

17605 NETHERLANDS RH; \*1430-1520\* EG, "Happy Station" show (Weinhold 6/12)

17610 BELGIUM BRT; 1420 EG, pgr on lang disputes in Belgium, letterbox pgr (Thunberg)

17633 ISRAEL KI; 1100 EG, nx pgr time changed from 1200 to 1100 using this split (Zilmer)

17705 NEW ZEALAND RNZ; 0230-0515\* EG, soccer, class mx, rel pgms (Vadino, Worob, McKellar)

17745 ALGERIA RTVA; 2000-2030 EG, pgr of Western pop mx, nx, "Music and Tourist" pgr,  
 promo for new request pgr premiering 7/18; s/off at 2029 w/ Santana's "Caravansari"  
 as theme ex, into SP (Pappas, Mayer, Martin, Jordan, Alexander)

17795 FRANCE RFI; 1651 EG, "PCA" and into FR at 1700 (Witzig)

17800 FINLAND RF; 1315, 1400-1425 EG, "Korthern Report", "Compass North" pgs w/ mx,  
 mx, //15400 (Jordan, David, Martin)

17800 TAIWAN VOPC; \*0300 EG, nx, QRM, f (Atkins 7/6)

17810 PAKISTAN RP; 0230-0245 EG, slow-speed dictation nx (Reed 6/29, Martin)

17840 SWEDEN RSI; 1230 EG, nx, "SCDI", to EAsia, SIO 232 (Zilmer 7/5)

17840 EGYPT RC; 2355 AR, band mx on hr, nx by M, ID 0010 (Johnson 7/7) Thunberg

17860 NF SWEDEN RSI; 1400 EG, replaces 17790 eff 7/5 due to ANARC-FRC efforts (Zilmer,  
 17860 WEST GERMANY DW; 1800 GM, nx by M, cmtry, //21600 (Desrosiers 7/4)

17870 ASCENSION ISLAND BBC relay; 1428-1441 Somali, IS, ID in EG and gave lang, Somali  
 ID, p (Lucas 7/2) 1500 EG, "Radio N-Reel", g (Wood 6/13)

17880 ALASKA KMLS; 2325 EG, test tape sequence of 26 sec "Go Tell It On A Mt" followed  
 by ID, address same as 11940 logging; off 2343, fair and not hrd since (Berg 7/5)

17880 NF SPAIN RSI; 1600 SW, nx, replaces 17790, SIO 343 (Zilmer 7/5) Hixon, Plum, Lausevich

17910 QATAR QBS; 1900-2215\* AR, ID "Idhaat al-Qatar min al-Doha", local mx (Pappas,  
 17930 CLANDESTINE V of the Great Homeland of the People's Rev (presumed); 1947 AR, tlk  
 by M, tent ID 1953, and tlk w/ mnt of muserva, Algeria, Morocco; tent ID 2001  
 into local mx (Pappas 7/4)

18980 H TIBET Xizang PBS; 1430 CH, ID by F "Xizang renmin diaantai" 2x9490 (Wood)

19430 H CONGO R Brazzaville; 1435 Lingala, marches, 2x9715 (Wood)

21465 EAST GERMANY RFI; \*1230-1315\* EG, press rvw, Euro pop, contest, //21540 (Jordan)

21475 GABON Afr #1; 0730-0800, 1630-1730 FR, special svc to OAU Summit Conf in Addis Ababa  
 w/nx, Afr mx, vg (Wood 6/10-11)

21477.5 ECUADOR HCJB; 1920-1930, 2130 EG, "Passport", "DX PartyLine" (Bobb, Witzig)

21485 GABON R Jagan relay test; to MEast, details as 15405 logging (Johnson 7/8) 1725-1755

21550.3 BAHGLADESH RB; \*1615-1700\* AR, Qur'an, nx, ID "Idhaat ul Bangladesh al Harijia

21600 RWANDA \*1226-1248 EG, IS, Afr Svc ID, into wld nx (D'Angelo) (Wood)

21610 PHILIPPINES VOA; 1700 SW, nx, into PT 1730 to Afr, g (Wood)

21620 FRANCE RFI; 1650 EG/FR, "Spotlight on Afr", "Paris Calling Afr" (Long 6/25)

21630 SWITZERLAND ICRC R; 0955 and FR, invite to retune 7/26, into PT (Wood 5/26) ev 2 mo

21660 LIBERIA VOA; 1700 lang, mnt Cameroon (Long 6/25)

21685 FRANCE RFI; 1604 EG, "PCA", spotty recpt, w/ nx of Afr (Berryman)

25790 SOUTH AFRICA 1455-1540 EG, rock mx by London Philharmonic (1), Wimbledon tennis  
 match, "Africa Today" program (Witzig, Long, Fraser)

\*\*\*\*\*  
 Sorry, out of room and time. Many reports this month, couldn't fit them all in! 73,

# LOG

# REPORTERS

## FRENDX

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Welcome to the August '83 edition of FRENDX, and thanks to the following forty-seven members for their contributions:

Brian Alexander, Mechanicsburg, PA; Kevin Atkins, Birmingham, AL (R390A, SX110); Jeff Berryman, Bronxville, NY (SX-190mod); Marion Blanchette, Thonotosassa, FL (DX100, RF260, R600); Norman Bobb, Minneapolis, MN (R600); Charles Bolland, Lakeworth, FL (R70, FRG7000); Arthur Bonnet, West Lafayette, IN (DX302); Paul Buer, Miami, FL (SPR4/FS4); Richard Cassidy, Logansport, IN (R1000, ICF2001); Richard D'Angelo, Wyoming, PA; Ronald David, New York, NY (DX160); Bob Fraser, Cohasset, MA (XCR30); Michael Hawk, Hampton, VA (GE World Monitor II); Frank Hixon, Chattanooga, TN (R1000, RF2200); Harold C. Hodgson, Buxton, NC (R7); Hans Johnson, Kingswood, TX (FRG7000, RF2200); Brian L. Jones, Houston, TX; Rufus Jordan, Pittsburgh, PA (DX302, Zentih Transoceanic); Joe Kremer, Columbia, SC (DX300); Arnold Lavsevich, Milwaukee, WI (HQ180C, RF4800); Jerry Lineback Conroe, TX (R7); Dale Long, Lititz, PA (ICF2001, R2000); Rick Lucas, Stockton, CA (R1000); D. MacLaughlan, Los Angeles, CA (FRG7700mod); Michael Martin, Plainfield, IN (RF2600); Bill Mayer, Allentown, PA (DX200); John McKellar, Mountain View, CA; Fritz Mellberg, Hawarden, IA (RF2900, R70); Joe O'Brien, Bronx, NY; Nick Pappas, Fairless Hills, PA (SPR4); Sheryl Paszkiewicz, Manitowoc, WI (DX302); Bill Plum, Irvington, NJ (FRG7700mod); Joe Polchlopek, Misawa, Japan (DR49, ICF6800A); Stewart Reed, Baton Rouge, LA (FRG7mod); Christos Rigas, Chicago IL (R2000); Bryan P. Sharpe, Castro Valley, CA (DX302); Rob Sobkoviak, Plainfield, IL (DX200, GE World Monitor II); Trevor Stanley, Flagstaff, AZ (NRD515); Bob Thunberg, DuBois, PA (SSR1, HQ200); George Vadino, Bellevue, WA (RF4800, SX110); Dave Valko, Dunlo, PA (DX160, FRG7); Terry Weinhold, East Earl, PA (R1000); Eric Witzig, Annandale, VA (R1000); Richard E. Wood, Abha, Saudi Arabia (R7, R1000); Philip Worob, Austin, TX (DX160); Robert Zilmer, Rio Rancho, NM (R1000, ICF 5900W).

Remember, the deadline for contributions is the twelfth of the month. Please take the time to cut your loggings into slips, and don't forget to include a signature slip with your logs.

Until next month, 73's and good DX,

*Nick*

**NAP DIRECT SALE ITEMS:** The following stickers and decals are available for \$.25 each or any five for \$1.00. New since last issue: Radio Derby, RNE, WDR (small)(rock), 96-FM, 79-Q, TK-101 (large)(small), WQMR, Radio 270, KAMZ (large)(small), Break Radio, KJCH, KRQR, KF06, 55-Country, Radio Merseyside, 97-Rock, KLRZ, WMET, WABB, KBAM, FM-98, FM-102, FM-96, Radio Monte Carlo and Rete Quattro.... The following are also available at the quoted prices: PCH, Polskie Radio (green)(blue)(gray)(orange), Radio Sweden, Radio Budapest, Swansea Sound, BDXC, KTYD, RIAS, 6WF, Radio DeeJay, RNE(cir.), ORF, 6KY, 4ZA, Metro Radio, 1ZB, WGC1, WGLB, KBDF, KVET, KBO1, KKFV, KPNN, KOME (black)(yellow), WQMF, KDKD, WCFL (large)(cir.), KTQX, WEZX, WQFM, WLRS, WEE1 (mini), WZ70, WIRE, KROY, WLUP, WCMF, WWSN, WLPX, KPKE, WMMR, KLOS, KWIP, KGB, KATA, MMBV, KYXX, KL0L, WINS, WDET, WPL0 (Who)(Stones)(AC/DC)(Doors)(R/R), WLLZ, WSTU, WWC0 (mini) and ESPN (large)(small).

**ADDITIONAL DIRECT SALE ITEMS:** The following stickers/decals are available for \$.50 each: 4X0, WDR(TV), 7EX, RTE Radio 2, Radio Rumbo, CKCR, Radio London-266, 2CH, Radio Avon, 2YB, Radio Deutsche Welle (black)(red), Peter Flowers Radio (large)(small), Radio Rhema, Capital Radio, GDXC, Radio Waikato, TIR Radio, Canales TV, Radio City-299 and Radio Caroline (black)(white). The following items are also available at the quoted prices: KREM and WPLJ plastic ID cds. at \$.25 each; WMMR, WLPX, KHJ, Radio City and CFR Blues Brothers metal badges at \$.25 each; 4GG metal badge at \$.50 each; and WCTC key chain at \$.50 each.

**HAP BID ITEMS:** ITEM #658: KHQ-106 sticker(4x8")/m/c-beauty; #659: WCSN/WTNT "Seminoles" sticker (3x11")/m/c-great; #660: Radio Sweden cloth pennant(3.5x9") blue, yellow; #661: KRIG "Crank It Up" sticker(3x8") red, B&W; #662: KH00 sticker(3x8") blue, B&W; #663: WNL-TV "PM" sticker(3x11")/m/c; #664: WKRS ice scraper, red, white-useful; #665: Radio Korea sticker(3.5x5")/m/c-sharp; #666: Radio Sweden "Keep In Touch" sticker-over 2 feet long; blue, yellow; #667: BBC Radio Derby decal(3x6") red, white, green; #668: Deutsche Welle (Germany) sticker(4x4.5") green, B&W; #669: Frequence Gate (France) sticker(4x4") pink, blue; #670: KILO sticker(3x7")/m/c-very nice; #671: WVV1 (Virgin Islands) sticker(3.5x5") blue, white; #672: Downtown Radio (Northern Ireland) sticker(over 4" long!); blue, white-gem; #673: Radio Tower (UK) decal(3x17.5") green, white-old; #674: Radio Tees (UK) "I'm Turned On" decal(3x11")/m/c; #675: Radio VOCM (Newfoundland) sticker(3x14) brown, white, yellow-nice; #676: Radio Korea cloth pennant(4x8.5")/m/c; #677: KFUD decal(4x8")/m/c-beauty; #678: CBC Radio "90 Minutes with a Bullet" iron-on T-Shirt decal, m/c-beauty; #679: CBC Radio "Doctor Bundolo" iron-on T-Shirt decal, m/c-beauty; #680: CFOX sticker(4.5" cir)/m/c-very nice; #681: 4XD (New Zealand) sticker(1.5x7.5") blue, white; #682: Radio City-194 (UK) station pen, red, B&W; #683: 4ZB (New Zealand) sticker(3.5x6")/m/c; #684: Radio Northland (New Zealand) sticker(5x6.5")/m/c; #685: Radio Forth (Scotland) double-sided key chain, orange, B&W; #686: Deutsche Welle cloth pennant(6x13.5") blue, white-nice; #687: RNE (Spain) "Soccer" sticker(4" cir) red, B&W-nice; #688: Radio Tees metal badge(1.5" cir) red, B&W; #689: Radio Kelly Milano (Italy) sticker, m/c-nice; #690: Radio Time/IBC (Italy) sticker(2.5x7.5")/m/c-beauty; #691: Radio Benelux sticker(4" cir) orange, black; #692: Radio Benelux sticker(4" cir) red, black; #693: Radio Nelson (New Zealand) sticker(2.5x7")/m/c-nice; #694: Radio Disco (Dominican Republic) sticker(3x7.5") red, B&W-rare; #695: Radio Libertaire (France) sticker(3x4") B&W-nice; #696: Radio Forth decal(5x6") orange, B&W; #697: Radio Monte Carlo sticker(2.5x6") red, white; #698: Radio City 194 (UK) 2 different DJ photos(4x6") nice; #699: Voice of America sticker(3" cir) red, white, blue; #700: FM-96 Montreal "Pepsi - Out!" sticker(3x11")/m/c-beautiful; #701: Radio 21D (UK) "Closer To You" decal(4.5" cir)/m/c-beauty; #702: Radio Sweden money pouch, gold, black; #703: BBC Radio Nottingham (UK) book marker w/ 2 different stickers (mini) (2x8.5") orange, B&W; #704: BBC Radio Nottingham decal(3x7.5")/m/c; #705: Radio Korea "Wedding Day" sticker(3.5x5")/m/c-very pretty; #706: Radio Sweden International sticker with 8 mini-stickers(4x6") yellow, blue, white; #707: Radio Korea double-sided paper pennant(4x8")/m/c-very nice; #708: RAI Stereo Uno (Italy) sticker(3x5.5") green, white, blue; #709: Radio Zambana (Italy) "Rabbit" sticker(3x4")/m/c-very sharp looking; #710: RAI Stereo Due (Italy) sticker(4" cir) blue, white; #711: H-TV LTD. (UK) decal(1.5x14") blue, white; #712: H-TV LTD. key chain, blue, white; #713: Deutsche Welle sticker(4x4.5") red, white, blue; #714: Radio Tees decal(2x18.5")/m/c-very nice; #715: RAE (Argentina) paper pennant(4x8")/m/c-sharp looking; #716: BRMB Radio (UK) sticker, red, B&W; #717: BBC Radio Oxford (UK) sticker(4x8")/m/c; #718: Radio Atlantida (Peru) post card with station seal, m/c; #719: WBIS "Money" metal badge, red, white, blue; #720: CEREDX (Spain) sticker(2.5x4.5") B&W-nice; #721: BBC Radio Bristol (UK) sewing kit with thread, red, white; #722: Radio Citta Di Corsico (Italy) sticker(3x8.5") red, white-sharp looking; #723: Red Rose Radio (UK) decal(5x5")/m/c-beauty; #724: Radio Nacional de Espana cloth pennant(5x8")/m/c; #725: AWR Radio (India) paper pennant(4x10") blue, white, yellow; #726: Radio Prague (Czechoslovakia) cloth book marker "Woman with Flowers" (2.5x8")/m/c-very nice looking; #727: Radio Prague cloth book marker "Building" (2.5x10") gold, B&W; #728: BBC Radio Lincolnshire (UK) decal(2x12")/m/c; #729: 4GG (Australia) metal badge(2" cir) red, white; #730: 4GG "Boat Safety" sticker(7" cir)/m/c-beautiful; #731: 2CH (Aust ralia) metal and leather key chain, m/c; #732: RNE (Spain) 1982 very large soccer poster; #733: WDR Radio (Germany) station poster, m/c; #734: Radio Sweden station poster(12x16.5")/m/c-nice; #735: The Voice of Ayrshire (UK) sticker(2x9") blue, white; #736: KBOL station sticker(3.5x15") blue, white; #737: Italian Broadcasting Corp. (Italy) sticker(3x4.5") purple, white.

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