

SPEEDY

Inside...

Spotlights.....	2
..... David Sharp	
DX Montage.....	3
..... David Sharp	
Program Panorama.....	7
..... Woody Seymour, Jr.	
Station Skeds.....	8
..... Ralph Bowden	
N. America/Caribbean.....	11
..... Thomas F Sable	
Latin America.....	14
..... Carl Huffaker	
Europe.....	19
..... Daniel Sampson	
Africa.....	24
..... Al Quaglieri	
Asia/Oceania.....	30
..... Bob Thunberg	
Japan Report.....	36
..... Ralph Famularo	
QSL Report.....	37
..... Ray Forsgren	
Utility Scene.....	42
..... Jeff Knapp	
Contributors List.....	47
..... John Trautschold	

Cover Art:

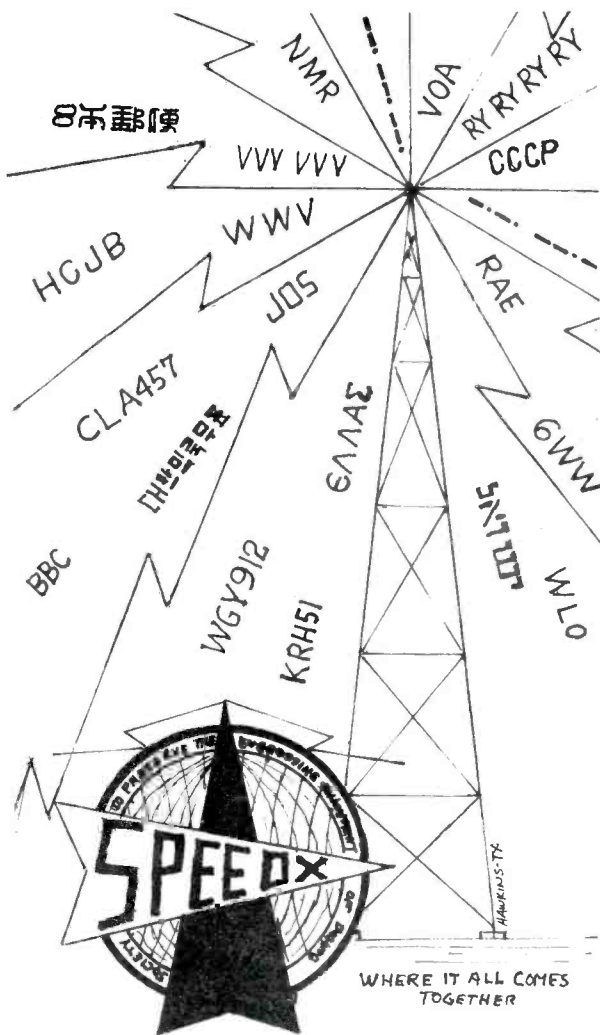
..... Hugh Hawkins-Texas

March
1987

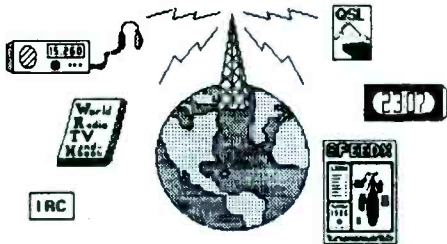
Volume 17, Number 3

48 pages

ISSN 0882-8091



The DX Radio Magazine for Active SWLs



DX Montage

The Feature Pages of SPEEDX

ooo

David Sharp
3024 Gates Drive, Apt. 358
Tampa, FL 33613

MARCH (21st BIRTHDAY), 1987

Well, let's see if I can make it through the column without any disasters...after all, how easy can it be to drink a Pepsi, watch TV and type at the same time? Keep your fingers crossed! Also, thanks to everyone's congratulatory letters with regards to my SOTY Award. Much appreciated, and let's remember...the success of SPEEDX is a team effort... so let's work harder to make America's best shortwave club even better!

The Origin of our Club Name: [The issue of the pronunciation of our club name was raised last month by Arthur Frieztzsche-CA. Founding member of SPEEDX, David Thorne, enlightens us on this bit of club history. ds] ...I noted with interest the letter...regarding the correct pronunciation of SPEEDX. Since I was instrumental in the founding of SPEEDX I will offer my comments on how the club got its name, and how it is to be pronounced.

Sometime in 1970, Art Glover (who was then the elected President of ASWLC) and myself (who at that time was Secretary-Treasurer of ASWLC), along with several other officers of that club began to discuss resigning from ASWLC and forming a new club. This was due to severe problems with some other officers within that club. Early in 1971, a decision was made to resign enmasse and start a club where the membership really had a voice in the running of the club. Our target date was July 1, 1971.

Several names were kicked around, and Art Glover suggested "The Society to Preserve the Engrossing Enjoyment of DXing" or "S.P.E.E.D.X." Since all the initial planning had been done via mounds and mounds of letters, back and forth across the country, and with very few phone calls, no one really ever pronounced the word, at least between club officers.

I for some reason liked the sound of "SPEED-DX" and so on the first issue (which was assembled on a Saturday afternoon on my kitchen table and sink), I simply laid it out as "SPEE DX" to try and convey that pronunciation. I couldn't use "SPEED-DX" because it had too many "d's" in it. Shortly thereafter a consensus of opinion became obvious that most, if not all, of the staff liked the word "SPEEDX" better, and it came into common usage and almost universally was pronounced "spee-decks," except for in a few foreign places who had not been able to hear the common pronunciation. [Many thanks to Dave for sharing this with the membership. I personally found it very interesting! ds.]

Updating the AFRIS: Although the AFRIS uses up-to-date distribution systems, until recently, the studios represented more historical than modern technology. The AFRIS network relies on satellites, AM and FM broadcast stations, closed-circuit feeds, audio-tapes and videocassettes for program distribution. AFRIS has the unique responsibility of serving a worldwide audience with U.S.-based programming. The audience is primarily made up of military and Department of Defense civilians and family members located in 44 countries and 15 territories and possessions.

Although it operates similar to other networks, there are two significant differences in AFRIS. First, the network produces little of its own programming; most of it originates from other networks. Second, AFRIS programming is commercial-free. Programming from commercial networks is monitored, and authorized announcements are inserted in place of the commercials prior to broadcast.

AFRIS originated during World War II to distribute entertainment programming to U.S. troops around the world. The original production and broadcast facility was in Hollywood, CA. As sometimes happens with government agencies, the network was under-funded for many years. Consequently, much of the network's equipment and studios dated back to the early days of broadcasting. The challenge to AFRIS was to modernize the network by providing better acoustic and electronic facilities.

After a careful analysis of the current facility, it quickly became obvious that the optimum solution was a new building. Not only was the current facility too small, but

renovating the already cramped quarters while maintaining the demanding broadcast sked was deemed impossible. To keep construction costs as low as possible, planners decided to look into the possibility of renovating an existing building.

A 60,000-square-foot building was found in suburban Los Angeles. The initial architectural plan divided the available space into two areas: administrative and broadcast. The broadcast portion of the building consists of four main areas: TV broadcast center, general broadcast center, general broadcast areas and the administrative area. The radio broadcast center simultaneously originates several network feeds. Incoming programs are switched live to one of several outgoing networks operated from radio master control. Also, the incoming programs are automatically recorded on computer-controlled automated tape recorders and an array of 36 cart machines. The cart machines record small segments of network material from up to 20 different networks. Later, these recorded segments are automatically integrated into an outgoing AFRIS network feed.

The radio operation is more automated than TV. All recording, playback and erasing tasks are prescheduled and controlled by an automation system. Two radio studios with a separate control room provide equipment for major program productions. Smaller, combo operations provide disc jockeys with space to record their programs for later broadcast. Live DJ shows are not usually broadcast.

In any broadcast facility, especially one the size of AFRIS, different acoustical needs are encountered. In order to achieve the desired acoustical properties for each type of area (administrative, broadcast, storage, etc.), separate criteria were developed. Each of the areas required different isolation, reverberation and other acoustic specifications. To meet these, different door types, surface absorption materials, mechanical system isolation and localized baffling were developed for each type of area. The keys to the effective design and implementation of the AFRIS facility were planning and expertise. The network, staffed by broadcast professionals, worked with outside experts in developing a modern technical center. The challenge to the planners was to incorporate the technical requirements of live radio and TV broadcast and a large-scale duplication operation into a single efficient facility. [Edited from an article in Broadcast Engineering by Peter Adamiak. Contributed by John Trautschold-IL. ds]

Mother Nature Wreaks Pacific Basin (Again): Typhoon Kim slammed into Saipan during the early part of December, with winds gusting to 198 MPH. According to a press release from FEBC, their transmitters and buildings were severely damaged by the storm. Apparently, the landfall of Typhoon Kim took the Saipan residents by surprise. FEBC director on Saipan, Doug Campbell, awoke the morning of 12/2/86 to the sound of a fierce storm. He then went to KSAI (the local FEBC AM outlet), where he was trapped for 48 hrs until the storm passed. Inspection of the ravaged area revealed destroyed antennas, power supplies and buildings. In fact, much of Saipan remained under water for days after the storm. FEBC estimates that they will need \$380,000 worth of parts and supplies to restore operation. [Via Guy Atkins-WA. I saw a similar article on FEBC-Saipan in Religious Broadcasting magazine, and the destruction was widespread and of the worst magnitude. Too bad the pictures they had weren't of the quality to reproduce here! ds] In other Pacific news: A typhoon also devastated Vanuatu on 2/7/87, and took Radio Vanuatu off the air. Damage in Vila was in the thousands; half of the population thought to be homeless. On 2/9, a powerful earthquake shook Papua New Guinea; initial shock over 7.0...on 2/10 there was an aftershock of 5.1. Over 1,000 people thought to be homeless. No word on possible damage to regional PNG SW outlets. [Via Ron Trotto-FL and Radio Australia and David Sharp-FL and Mutual Network News.]

Soviets Switch-off Jammers, Turn-on the BBC: According to BBC officials, their Russian-language broadcasts have not been jammed since 1/20. The broadcasts began in 1946 and have been jammed systematically on-and-off since 1949. Jamming most recently resumed in August 1980, after a seven year absence, with the emergence of Solidarity in Poland. According to a BBC spokesman, Russian broadcasts from Radio Liberty and the VOA continue to be jammed. The spokesman also noted that the Soviets stopped jamming Radio Beijing last year.

John Tusa, managing director of the BBC's external broadcasting division, said that the apparent end of the jamming "means that our persevering 14 million-strong audience inside the USSR can be joined by many more listeners, now that tuning into programs is less of a challenge." The BBC estimates that the USSR spends at least \$900 million/year to prevent its citizens from hearing Russian-language services from other countries. The BBC broadcasts news bulletins every hour or two, along with current affairs and feature programs, at a cost of \$1.5 million a year. BBC World Service English-language programs have never been jammed. [Edited from the Philadelphia Inquirer. Contributed by Fred Treischer-PA. ds]

Sweet Clarity: At last-- freedom from static and interference in any type of broadcast signal. It will dramatically improve radio and TV reception...and increase the sensitivity of military surveillance and guidance systems. How can this be accomplished?

According to Breakthrough magazine, elimination of interference can be accomplished through the use of supersensitive, superaccurate device filters. The secret: a microchip that distinguishes information [the broadcast signal...ds] from noise by looking at a signal's regularity. Information is conveyed through a consistent pattern of signals. Noise, on the other hand, is random and shows no regular pattern. Also encouraging is that the chip does not need to be adapted for each new application. Noise will always look like noise to the chip, no matter what kind of signal is being broadcast. [Via Bob Moser-IL. Can you imagine the possibilities? Should this new chip be introduced to the shortwave market, we could possibly see a whole new generation of receivers. Needless to say, though, these new receivers would probably be quite expensive at first. ds]

Mike Agner informs Maryland area SPEEDX members that he will be establishing a "Listening Post" net on local Sundays on the Baltimore 147.03 repeater. There will be brief equipment notes, DX tips and other surprises. Listeners with scanners will also be welcome to listen/contribute. Those with computers can contact Mike on UBIX (ID=KA3JJJ) or the Old Dominion DMers board (ID=Mike Agner). Mike would also like to contact members of the Chesapeake DX Club. His address is: 10d Silverleaf Ct, Cockeysville, MD 21030. Hams can call him on the 145.33 repeater. [Let us know of your progress, Mike! ds]

Independent Radio Stops Broadcasting: Ascuncion, Paraguay: This country's main independent radio station, Radio Nanduti, has gone off the air due to what its director said was constant jamming, and he called on the government to end the interference. At a news conference, station director Humberto Rubin said interference that had marred Radio Nanduti's broadcasting since last May worsened in December to the point it was affecting advertising time.

Radio Nanduti's problems began after it started broadcasting programs with a political and social emphasis, sometimes featuring opposition politicians. Almost a quarter of the country's population was listening to the morning talk show when it was cut-off in May. Problems with government officials started escalating in 1983 as the radio station became bolder and as more Paraguayans started tuning-in. President Stroessner's press secretary issued a list of politicians and topics that could not be aired. The station was later closed by the government for 30 days.

The radio, in its 20th year in operation, will continue to be silent for 90 days or until the state identifies the interference and ends it, to allow Radio Nanduti to exercise press freedom without constraints. [From Marc Schlossman-CA and LA Times. ds]

Board of Directors News and other reminders: Club President, Jack Sanderson, informs us that it's BOD election time again! This year, three BOD seats are available (Tom Kephart and David Sharp have two more years on the BOD). Nominees must be Full Members and no seconding of nominations is required. Nominations are due at Tucson HQS no later than midnight 15 June 1987. [Now is the time to get in your ten credits and earn Full Membership. Anyone that is a FM is eligible for BOD elections. ds] From CDE Peggy Thompson: Please send your logs cut, and in a business size envelope. Many members fold their logs into tiny envelopes, and guess what happens? They come mutilated because they won't fit through the P.O.'s LSM's [I dunno what LSM's are, but I'd guess they're "Letter Shredding Machines," hi. ds], or they come postage due with a 10c surcharge for being too fat! [Those of you that contribute through Peggy please keep these guidelines in mind! ds]

Expanding Service Coming From Radio Finland: Ed Soomre-MA says Radio Finland, with the future use of their 500kW transmitters, will be introducing a French service. The sked: Daily 1430-1500 to US/Canada: 11945, 15400. To Middle East/Europe/Africa: 1630 to 1700 on 11755, 11850, 6120. To Europe: 1830-1900 on 9530, 6120. To West Africa and Europe on Saturdays: 11935, 11755, 9655, 6120. (Via Media Network.) From Ron Trotto-FL comes word that Radio Finland will begin evening broadcasts to North America. Ron says that Radio Finland will announce the details on-air, so keep listening!

AM Radio Applications Frozen: The FCC has put a temporary freeze on applications for daytime radio stations on AM, the first step toward a permanent ban. "It does not contemplate ever again issuing a new license for daytime only operations," James McKinney, chief of the FCC's mass media Bureau, said. "It was a service that was needed and served its purpose, but not a service that is needed as we approach the 1990's."

The estimated 2,200 AM daytime only stations operating nationwide have had a difficult time competing with AM stations that have longer hours and with FM stations. There is also the problem of interference from outside sources which hinder AM broadcasts. These problems have prompted audiences to defect to FM in large numbers. FM stations are holding 72% of the listening audience, even though there are more AM stations than FM. McKinney said daytime only stations have existed since World War II. (From Jack Heaton-FL and the St. Petersburg (FL) Times. Perhaps the possible extension of the AM band, & growing use of AM stereo will help stop or reverse the trend. ds]

PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

MARCH 1987...We have lots of contributions this month, so if yours is not included, check us out next month--and thanks for the support!

CANADA...RCI has a new morning show for North America. NORTH COUNTRY is hosted by Judith Ritter and is billed as the "alternative morning show." News, etc. and lots of good CBC magazine features. Tune in 1300-1400 UTC on 9625 and 11955 kHz. (Thanks to Peter Card, RI)

ECUADOR...HCJB for March: THIS IS ECUADOR can be heard Sat 0115, 0530, 0815, Sun 0945 UTC. This month learn of two early Ecuadorian civilizations on March 7, food and cooking on the 14th, Carnival on the 21st and a profile of an athlete on the 28th; MUSICAL MAILBAG has a phone-in show on March 12 at 0230 UTC and on March 14 at 0700 UTC; PASSPORT looks at Africa on the 6th at 1900, 7th at 0100 and 0530 UTC. (Thanks to Brent Allred of HCJB for his contributions to SPEEDX)

GABON...Africa No. 1 has an interesting musical program which can be heard 2000-2100 UTC on Mon-Fri. KILIMANJARO is hosted by a male and female announcer and is presented in French and English. 15475 offers good reception of the African and Caribbean hot hits. (WS)

GERMAN DEMOCRATIC REPUBLIC...Radio Berlin International in English for North America and Europe: Daily NEWS, COMMENTARY, CURRENT AFFAIRS, then Mon SPOTLIGHT ON SPORT, RBI DX CLUB; Tue GDR KALEIDOSCOPE, STAMP ALBUM or FACES & PLACES; Wed QUESTION TIME, POP CORNER; Thu LAND WE LIVE IN and MID-WEEK SPORTS REPORT; Fri NEWSREEL OF THE SOCIALIST WORLD, DID YOU KNOW?; Sat GIVE PEACE A CHANCE, YOURS FOR THE ASKING; Sun MAILBAG, WEEKEND MAGAZINE. (Charles Weiss, OH) See February Station Skeds for complete RBI time and frequency sked)

JORDAN...Radio Jordan in English on 9560 kHz, schedule for 1300-1700 UTC: 1300 CONCERT HOUR; 1400 INSTRUMENTALS/OLD FAVORITES; 1500 Sat SPECIAL FEATURE, MUSIC Sun LISTENERS CHOICE Mon MY WORD, POP SESSION Tue SCIENCE REPORT, POP SESSION Wed JORDAN WEEKLY, POP SESSION Thu DISCOVERING MUSIC, POP SESSION Fri IN CONCERT; 1600 Sat TOP TWENTY Sun JAZZ HOUR Mon SPORTS ROUNDUP, MUSIC Tue TOP TWENTY Wed ROCK PROFILE, MUSIC Thu SPECIAL FEATURE, MUSIC Fri TOP TWENTY. (Thanks to Ralph S. Bowden, CA and Ray Forsgren, WI and hi to you both!)

UNITED KINGDOM...BBC World Service for March: THE HISTORY OF RADIO COMEDY is a 12-part series beginning March 22 and can be heard Sun 0330, Mon 1715, Wed 1030 UTC.....THE VINTAGE CHART SHOW looks at the records of the Top 10 for a week picked from the past(50's, 60's, 70's), hosted by well-known BBC announcer(on domestic service) Jimmy Savile. Tune in Sat 0330, Mon 1030, 2130 UTC. (London Calling, 3/87)

USSR...Radio Kiev broadcasts in English and features daily programs of NEWS, EDITORIAL and COMMENT. Mon-Fri features UKRAINE TODAY, a magazine program, Sat has MAILBAG and Sun has MUSIC FROM THE UKRAINE and DX CLUB. (Edward C. Soomre, MA)

THE FINAL WORD...Member Peter Dillon of MD has been listening to a lot of mailbag programs lately. He has had a letter read over Moscow, and he listens to programs over RSA, UAE, KOL among others. He especially likes HCJB's program(SALUDOS AMIGOS?) because the people on it are so nice. He wonders if a list of mailbag programs could be printed in Program Panorama. If any member would be able to make such a list, I would be happy to publish it. I welcome your contributions. Notice how nice this month looks with lots of contributions--and there's some leftover for next month. Until then, think SPRING!

Station Skeds

AZIMUTH (AZ°), GAIN (dB)

ANGLE OF ELEVATION (EL°)

TIMES (UTC)

FREQUENCIES

LANGUAGES

RELAY SITES

TARGET AREAS

POWER (kW)



EDITOR: Ralph S. Bowden, 1255 Amethyst Street, Space 30, Mentone, CA 92359 U.S.A.

PUBLICATIONS NOTICE: The name of a copyright publication, followed by general location of publisher, will be included in this section after the Editor receives several issues of a paid subscription. Identified excerpts will be reprinted here with the permission of publisher, as follows: WORLD BROADCASTING INFORMATION, © BBC Monitoring Service, Reading, England; RADIO DATABASE INTERNATIONAL, © International Broadcasting Services, Ltd., Penn's Park, PA, USA; INTERNATIONAL LISTENING GUIDE, © Bernd Friedewald, DX Listener's Service, Homberg, FRG; POPULAR COMMUNICATIONS, © Popular Communications, Inc, Hicksville, NY, USA; WORLD RADIO TV HANDBOOK, © Billboard A.G., NY, USA; ORBITA, © URSC, Gifu-kita, Japan. Non-copyright publications will be identified in the terminal remarks.

CAMEROON (REPUBLIC): R. NACIONAL DU CAMEROON, YAOUNDE, IN ENGLISH, FRENCH, HAUSA AND FULFULDE LANGUAGES:

	LG	TAR	kw	EL°
1100-1630	FR/EG	52,53	100	1
0430-1700	" "	52,53	100	4
0700-1700	" "	52,53	4/30	4
0700-1700	" "	52,53	100	3

(RELAY STATIONS: 1=Douala. 2=Bertoua. 3=Garoua. 4=Yaounde. THFBS, IFRB, ITU.)

COOK ISLANDS: COOK ISLANDS BROADCASTING AND NEWSPAPER CORP., RAROTONGA, VIA RELAY, G.C. 150°48'N/21°11'S:

	LG	DAYS
1900-2300	EG/MD	1,5
2300-0300	" "	1,2,4

(Station "back on air" following the devastation caused by CYCLONE SALLY.)

EGYPT: EGYPTIAN RADIO AND T.V. UNION, CAIRO, VIA ABIS RELAY, G.C. 30°05'E, 31°20'N, ARABIC, ENGLISH, SPANISH AND PORTUGUESE LANGUAGES:

	TAR	AZ°	kw	dB	
2345-0045	10-12	311	250	12	
0030-0330	7-8	315	250	30	
0045-0200	9740	10-11	186	50	23
0200-0300	9675	6,8,9	331	250	22

(M-87 THFBS, IFRB, ITU, INCOMPLETE.)

GREECE: GREEK RADIO-T.V., ATHENS, BROADCASTS BEAMED TO NORTH AMERICA AND AUSTRALIA, LATEST INFORMATION:

	LG	TAR
0000-0100	7410, 9420, 7395	GR/EG 6-8
1200-1500	9815, 11645	" " 6-8
1500-1550	15639	" " 6-8
0200-0300	7430, 9430	" " 6-8
2100-2145	9420, 7395	" " 59
0900-1000	15625, 17565	" " 59

(S. George, MA. DIRECT, GRIV.)

ICELAND: RIKISITVARPID, ICELAND STATE BROADCASTING SERVICE, REYKJAVIK RELAY, G.C. 21°50'E/64°95'N, ICELANDIC LANGUAGE:

	TAR	AZ°	kw	dB	EL°
1215-1300	9720	27	125	10	18
1215-1300	9640	18,28	72	10	18
1215-1300	11805	27	125	10	13
1300-1400	11855	8,9	25	10	13
1900-2000	7160	18,28	72	10	24
1000-2000	9640	27	125	10	18
2300-2400	11730	8,9	25	10	11

(ON-BAND. THFBS, IFRB, ITU, M-87.)

INDIA/SRI LANKA: ADVENTIST WORLD RADIO--SOUTHERN ASIA, MAHARASHTRA, INDIA, BEAMED TO SOUTHERN ASIA VIA EKALA RELAY, SRI LANKA, G.C. 79°54'E/07°06'N:

	LG	DAYS
0900-0930	6005, 9720, 15425	EG 7
1330-1400	7190, 11800	EN 7
1500-1530	7190, 11800	TL 7
1600-1630	7190, 11800	MA 8
1700-1730	7190, 11800	TM 7
1900-1930	6075, 9720, 15425	EG 5
1900-1930	6075, 9720, 15425	" 6
1000-2030	6005, 9720, 15425	" 7
2145-2200	7190, 9720, 11800	HD 4

(DIRECT, AWR, POONA, INDIA, COMPLETE. DAYS: 4=Thursday, etc.)

INDONESIA: THE VOICE OF INDONESIA, VIA DJAKARTA RELAY, G.C. 106°51'E/06°12'S:

	LG	TAR	AZ°	kw
0800-0900	11790	EG 44,50	20	100
	15150	" 51,54	ND	100
0900-1000	11790	ML 44,50	20	100
	15150	" 51,54	ND	100
1000-1100	11790	MR 44,50	20	100
	15150	" 53,54	ND	100
1100-1120	11790	TH 45,49	20	100
	15150	" 51,54	ND	100
1130-1200	11790	JP 45,49	20	100

(DIRECT, DJAKARTA, INCOMPLETE.)

A LIST OF LANGUAGE AND DIALECTS ABBREVIATIONS AND ACRONYMS WILL BE PUBLISHED SOON. /rsb

IVORY COAST: RADIODIFFUSION T.V.
IVOIRIENNE, VIA ABIDJAN RELAY, G.C.
03°57'W/02°51'N, LATEST INFORMATION:

	LG	TAR	AZ°	KW	DB
1215-1745	11920	FR/EG	37,48	500	—
1800-1900	11940	"	37,46	100	—
1800-2400	15350	"	46	350	500 13
2200-2400	9620	"	37,46	100	—
0600-1200	6015	"	48	340	500 13
0600-2400	7215	"	48	340	20 5

(THFBS, IFRB, ITU. RDI, IBS, USA.)

KOREA (SOUTH): R. SOUTH KOREA, OR
KOREAN BROADCASTING SYSTEM (KBS),
SEOUL, BEGINNING 12-1-86:

	TAR	LG
1545-1615	6460, 7550	38,39 IT
1730-1800	15575	27,28 "
1945-2015	7275, 9515	27,28 "
0600-0630	15575, 7550	27,28 "
0900-0930	13670	38,39 "

(J. Gerstner, NY. G. Romanin, Italy.)

KOREA (NORTH): R. PYONGYANG, DPR,
ENGLISH LANGUAGE PROGRAMS BEAMED TO
NORTH AMERICA, LATEST INFORMATION:

	TAR	AZ°	KW	DB	EL°
1100-1150	9750	11	28	400	21 8
0000-0050	15140	7,8	28	400	22 9
0000-0050	15160	11	28	400	22 9

(ILG, BF, DXLS, FRG. THFBS, IFRB, ITU.)

KUWAIT: KUWAIT BROADCASTING SERVICE,
BROADCASTS BEAMED TO EUROPE AND NORTH
AMERICA, LATEST INFORMATION:

	LG	TAR
0900-1300	EG	6,7,8,27,28
1300-1800	AS	6,7,8,27,28
1530-2230	"	6,7,8,27,28
1800-2100	"	6,7,8,27,28
0400-1100	"	6,7,8,27,28

(DIRECT, KUBS, 11-29-86.)

LIBERIA: R. ELWA, SUDAN INTERIOR
MISSION, VIA MONROVIA RELAY, G.C.
10°42'W/06°14'N, FINAL M-87 SCHEDULE:

	LG	TAR	AZ°	KW	DAYS
0825-1200	EG	46	97	10	6
0655-1757	6070	"	46	97	10 7
1555-1757	6070	"	46	97	10 1-5
1810-2002	6070	FR	46	325	50 12346
1810-1947	6070	"	46	325	50 5,7
1210-1317	9550	"	46	325	50 1-7
0755-0847	11820	EG	46,47	81	50 6
0655-0902	11830	"	46,47	51	50 7
1755-2135	11830	"	46,47	81	50 7
1555-2215	11830	VN	46,47	81	50 1-5
1658-2135	11830	"	46,47	81	50 6
2015-2117	11860	AR	37	18	50 1-7
0645-0815	11955	"	37	18	50 1-7
0555-0802	4760	EG	46	ND	10 1234
0555-0817	4760	"	46	ND	10 5
0555-0832	4760	"	46	ND	10 6
0655-0832	4760	"	46	ND	10 7
1725-2230	4760	"	46	ND	10 1-7

(DIRECT, ELWA, Monrovia, 12-10-86.
PARTIAL: ILG, BF, DXLS, FRG, 1987.
1987 RDI, IBS, USA. THFBS, IFRB, ITU.
ND=Non-directional.)

NEPAL: R. BROADCASTING SERVICE, VIA
KATHMANDU RELAY, G.C. 85°18'E/27°39'N,
NEPALI AND ENGLISH LANGUAGE SEGMENTS:

	TAR	AZ°	KW	DB
2200-1900	6100	41	ND	800 9
2200-1900	6140	41	ND	100 9
2200-1900	6180	41	ND	100 9
2200-1900	7105	41	ND	100 9
2200-1900	7120	41	ND	100 9
2200-1900	7240	41	ND	100 9
2200-1900	9540	41	ND	100 9
2200-1900	11970	41	ND	100 9
2200-1900	15200	41	ND	100 9

(ABOVE INFORMATION: M-87 THFBS, IFRB, ITU.)

0015-0445	3230	41,42	100	
	5005	41,42	100	
1115-1715	3230	41,42	100	
	5005	41,42	100	
0715-1015	9590	41,42	100	

(SECOND SECTION: 1987 RDI, IBS, USA.
M-87 ILG, BF, DXLS, FRG.)

NEW ZEALAND: R. NEW ZEALAND, WELLINGTON
RELAY, G.C. 174°50'E/41°05'S, ENGLISH
LANGUAGE, LATEST INFORMATION:

	TAR	AZ°	KW	DB	EL°
1030-1215	11780	55,56	185	7.5	10 20
1745-2115	15150	56,63	30	7.5	14
1845-2115	11780	56,63	30	7.5	14 15
2345-0730	17705	56,62	30	7.5	16 15
2345-0145	15150	55-59	285	7.5	14 17
0345-0750	15150	55-59	185	7.5	14 17

(ON-BAND, THFBS, IFRB, ITU.)

NORTHERN MARIANAS ISLAND GROUP, KYOI,
SAIPAN VIA AGINGAN POINT RELAY, G.C.
145°41'E/15°07'N (CHRISTIAN SCIENCE
PUBLISHING SOCIETY, BOSTON, MASS.)

	LG	TAR	AZ°	KW	DB	EL°
0300-1000	EG	45	340	100	21 10	
1000-1600	11900	"	45	340	100 21 10	
1600-1900	9665	"	45	330	100 17 19	
1900-2200	9670	"	45	340	100 21 10	
2200-0300	15405	"	45	340	100 21 10	

(CSPS, BOSTON. THFBS, IFRB, ITU.)

NORTHERN MARIANAS ISLAND GROUP, KFBS,
(FBC), SAIPAN, VIA MARPI RELAY, G.C.
145°43'E/15°12'N, LATEST INFORMATION:

	LG	TAR	AZ°	KW	DB	EL°
0900-1100	FS	24,34	341	100	18 14	
0900-1100	CH	30-32	312	100	18 14	
1000-1230	HD	50-54	242	100	18 14	
1100-1600	5990	CH	33,45	305	50 16 16	
1200-1300	9675	"	32,40	312	100 18 14	
1230-1430	9750	VT	41,50	278	100 18 14	
1400-1500	9670	RS	37,44	312	100 18 14	
2100-2200	5985	CH	30,40	312	50 16 16	
2200-0000	11790	"	40-44	312	100 18 14	

(J. Sanderson, AZ. M. Schlossman, CA.
1987 ILG, BF, DXLS, FRG. THFBS, IFRB, ITU.)

NEW CALEDONIA (FRENCH): RFO NOUMEA, G.C.
66°26'E/22°16'S RELAY, FRENCH LANGUAGE:

	TAR	AZ°	KW	DB
1900-1300	7170	56	10	20 6
1900-1300	11710	56	10	4 6

(M-87 THFBS, IFRB, ITU.)

(Send SASE for LANGUAGE ABBREVIATIONS.)

PHILIPPINES: FEBC RADIO INTERNATIONAL, MANILA VIA BOCAUE RELAY, G.C. 120°55'E/14°48'N, LATEST INFORMATION:

	LG	TAR	AZ°	kW	dB	EL°
0830-1000	EG	54	280	50	17	11
1100-1200	11850	LO	41,49	280	50	16 14
1130-1400	9670	TM	41,49	280	50	17 19
1145-1430	15350	BS	54	280	50	17 11
1200-1300	11850	KM	41,49	250	50	16 14
1200-1330	6145	CH	44	330	50	16 20
1300-1430	11850	EG	41,49	280	50	16 14
1400-1830	6120	RS	30-33	330	100	16 20
2230-2325	9710	MI	54	210	50	12 18
2230-0000	9675	LO	49	280	50	17 10
2300-0000	15445	EG	54	240	50	10 11
0000-0200	15445	"	41,49	280	50	16 20
0400-0700	11850	"	59,60	330	50	13 14
0700-0830	11850	CH	44	330	50	13 14

(J. Sanderson, AZ. IILG, BF, DXLS, FRG, 1987. THFBS, IFRB, ITU, 1987.)

PHILIPPINES: MAHARLIKA BROADCASTING SYSTEM (MBS), OR R. PILIPINAS, QUEZON CITY, LATEST INFORMATION:

	LG	CALL	kW
2100-1405	3286	TG DUB4	2.5
2100-1300	6170	" DUM2	10
0200-0905	9580	" DUB2	50
2100-1200	9615	" DUMB	10

(IILG, BF, DXLS, FRG, 1987.)

QATAR: QATAR BROADCASTING SERVICE, DOHA, VIA AL KHAISAH RELAY, G.C. 51°25'E/25°25'N, LATEST INFORMATION:

	LG	TAR	AZ°	kW	dB	EL°
0900-1300	17785	AR	37,38	285	250	23 7
1600-2400	9535	"	27,28	315	250	22 7
0245-0700	9535	"	27,38	285	250	22 7

(DIRECT, QBS, COMPLETE.)

SINGAPORE: SINGAPORE BROADCASTING CORP., SINGAPORE RELAY, G.C. 102°51'E/01°24'N, LATEST INFORMATION:

	LG	TAR	AZ°	kW	dB	EL°
2200-1605	5052	CH	54	75	50	-- --
2200-1605	6000	"	54	340	50	4 60
2045-1605	6155	ML	54	130	50	10 25
2230-1605	7170	CH	54	340	10	6 60
2045-1605	7250	ML	54	340	50	4 60
2200-1605	9635	CH	54	ND	50	-- --
2200-1605	11940	EG	54	75	50	10 27

(IILG, BF, DXLS, FRG, 1987. THFBS, IFRB, ITU, 1987.)

SPAIN: R. EXTERIOR DE ESPANA, VIA NOBLEJAS RELAY, G.C. 03°26'W/39°57'N, BROADCASTS AUDIBLE IN THE AMERICAS:

	LG	TAR	AZ°	kW	dB	EL°
2300-2330	15125	SP	12-16	230	350	20 8
2300-0200	9560	"	12-16	230	350	20 8
2300-0200	9745	"	12-16	230	350	20 8
0000-0200	6125	EG	6-11	290	350	20 8
0000-0200	9630	"	6-11	290	350	20 8
0500-0700	9650	SP	58-60	260	350	20 8

(DIRECT, REE, PARTIAL. Also, BBC, MS, WBI, 11-21-86. THFBS, IFRB, ITU, F. Bishop, NY. E. Januaz, NJ. J. Sanderson, AZ.)

UNITED KINGDOM: BBC, WORLD SERVICE (ENGLISH LANGUAGE), MARCH, 1987 SCHEDULE, BEAMED TO NORTH AMERICA AND CENTRAL AMERICA:

	TAR	AZ°	kW	dB	EL°	RL
1100-1330	11775	7-11	290	125	18	12 W
1100-1330	6195	8,11	340	250	5	30 W
1100-1330	5965	6-10	212	250	11	35 S
1300-1330	9510	6-10	268	250	11	35 S
1600-1745	9515	6-10	268	250	11	35 S
2200-0430	6175	8,11	340	250	5	30 W
2200-0430	5975	7,10	300	500	19	9 G
2300-0430	6120	6-10	313	250	11	35 S
2300-0030	9590	6-10	268	250	11	35 S
0000-0330	9515	13	245	250	15	12 A
0430-0730	5975	7,11	290	250	18	12 W
0430-0530	9510	7,11	290	250	18	12 W
0600-0730	9640	7,11	290	125	18	12 W

(BBC, WS, LC, March, 1987. RELAY CODES: G=Rampisham. W=Antigua. S=Sackville. A=Ascencion. M-87 THFBS, IFRB, ITU.)

U.S.A.: ORGANIZATION OF AMERICAN STATES (OAS), WASHINGTON, D.C. VIA VOICE OF AMERICA TRANSMITTER AT BETHANY, OHIO, SPANISH LANGUAGE, LATEST INFORMATION:

2345-0030	9565	10-12	168	175	17	13
2345-0030	11810	10-14	168	250	20	10
2345-0030	15160	10-12	168	250	19	11

(J. Pogue, TN. THFBS, IFRB, ITU, 1987.)

U.S.A.: WRNO WORLDWIDE, VIA NEW ORLEANS RELAY, G.C. 90°07'W/29°50'N, ENGLISH LANGUAGE, LATEST INFORMATION:

	TAR	AZ°	kW	dB	EL°
0800-1200	6185	3-5,9	20	100	14 21
1200-1500	9715	3-5,9	20	100	14 21
1500-1600	11965	27,28	--	100	-- --
1600-2000	15420	3-5,9	10	100	14 21
2000-2100	15420	3-5,9	20	100	14 21
2100-2300	11705	3-5,9	20	100	14 21
2300-2400	7355	3-5,9	20	100	14 21
0000-0400	7355	27,28	--	100	-- --

(IILG, BF, DXLS, FRG, 1987. THFBS, IFRB, ITU, 1987.)

U.S.A.: KGEI, THE VOICE OF FRIENDSHIP, VIA REDWOOD CITY RELAY, G.C. 122°14'W/37°33'N, LATEST INFORMATION:

	LG	TAR	AZ°	kW	dB	EL°
0930-1200	6065	RS	35,45	311	250	17 11
1200-1330	6095	"	30-32	341	250	17 11
2130-0200	15280	SP	10-16	126	50	17 12
0200-0300	9635	"	10-16	126	50	17 12
0300-1600	9615	"	10-16	126	50	17 12
0300-0430	7365	RS	27,28	341	250	-- --
0430-0530	7365	UK	27,28	341	250	-- --
0530-0600	7365	RS	27,28	341	250	-- --

(J. Sanderson, AZ. IILG, BF, DXLS, FRG, 1987. THFBS, IFRB, ITU, 1987.)

A SPEEDX'ER MAY FORWARD TO EDITOR A REQUEST FOR A LEGAL-SIZE SHEET SHOWING LANGUAGE ABBREVIATIONS AND ACRONYMS BE SENT TO THE SPEEDX'ER. ONE SASE IS NEEDED.

**MAIL SHORTWAVE
SCHEDULES
TO EDITOR**

RALPH S. BOWDEN

EVER NEW HORIZONS



NORTH AMERICA AND
THE CARIBBEAN

Send loggings to:

Thomas F. Sable
University of Scranton
Scranton, PA 18510

Deadline: the 12th

Still haven't heard the Christian Science Monitor station yet. WCSN should be on the air sometime in early March, according to the latest reports. Voice of CID is back at R. Clarin. More radio stars in the sky appear nightly. On with the logs: English language unless noted otherwise.

ALASKA KNLS

7355 1800 3 YLs singing hymns Heartbeat program (444 1/25 Zirkelbach CA)
9670 0425 Religious talk; All That Jazz; Boss Brass (233 1/30 Preston CA)
11850 0325 Big band oldies from late 30's (444 1/28 Zirkelbach CA)

ANTIGUA Deutsche Welle relay**British Broadcasting Corp. relay

6040 0100 DW Unemployment, nuclear test monitoring (342 1/9 Neff OH) Women voters outnumber men (544 1/9 Janusz NJ)
6045 0310 DW Rock and avant garde mx (343 1/19 Janusz NJ)
6085 0325 DW GG OM talks news and mx (444 1/26 Zirkelbach CA)
6120 0530 DW GG songs; YL narrates as songs of German emigrants to America (444 2/1 Preston CA) Fall of dollar (444 1/14 Brown IL)+1
6175 2145 BBC Wind in the Willows (444 1/9 Fraser MA)Piano mx, world nx, Press Review (444 1/23 Dillon MD) Bob Geldorf (544 1/25 Brown IL)
6195 1215 BBC "Just a Minute" (454 1/19 Westenhaver QU)
9510 0510 BBC Beirut kidnappings; 24 Hours (244 1/25 Preston CA)+1
9735 1058 SS DW YL mentions this as new frequency. (322 1/21 Westenhaver QU)
11795 1041 PP DW Third World monetary problems (44 1/21 Westenhaver QU)
15275 1356 GG DW Singing, European nx, ID (444 1/28 Curtis TN)
17810 1959 EE/GG DW Frequency announcements (333 1/31 Curtis TN)

CANADA R. Canada International**Northern Quebec Service**BBC relay**DW relay** R. Japan relay

5960 0414 RCI Innovation Canada (433 1/12 Wakefield IA)
5965 1130 BBC Shakespeare, Cole Porter, Meridian (555 1/17 Robinson TN)
6005 1131 CECX Call in show ID nx (222 1/13 Wakefield IA) beer and beans in Quebec (gas warsted.) (433 1/23 Bishop NY)
6065 1215 Inuit NQS Monologue, folk mx, ID (433 1/31 Dillon MD)
6070 1745 CERX Show biz, film ad, traffic (444 1/13 Neff OH) Jobs in Toronto (433 1/12 Bishop NY) America's Cup races (454 1/26 Card RI) Cellular telephones (555 1/19 Robinson TN)(333 1/28 Janusz NJ) Elevator mx (333 1/29 Brown IL)
6120 1130 RJ Nakasone meets Finnish President (433 1/12 Brown IL)
6130 0900 CHNX Pop mx, Mystery Items contest, Heart Fund ad (333 2/9 Halstead WV)
6140 0642 FF RCI News for Africa (544 1/26 Brown IL)
6160 2040 CKZU Scottish songs, comedy routine (233 1/25 Preston CA) Royal Canadian Air Farce (222 1/25 Bishop NY) CW mx, CBC nx, local news and storm info (354 1/27 Pogue TN)
9515 1615 BBC Science in Action (444 1/30 Trotto FL)
9590 2315 BBC talk on computers used in telecommunications (444 2/2 Zirkelbach CA)
9625 2230 RCI As It Happens YL and OM (444 2/2 Zirkelbach CA)
9625 1911 Inuit NQS World nx, hockey scores (444 1/19 Dillon MD)
9755 2303 RCI Prince Andrew to visit Canada (433 1/18 Brown IL)
9760 2220 RCI CBC nx: the demise of professional dancing (444 1/29 Zirkelbach CA)
11720 1704 NQS Davis Cup; Science Magazine:Chinese scientists (444 1/31 Brown IL)
11945 2130 RCI SWL Digest: Antennas, EDXC (444 1/24 Fisher NM) ANARC,DX news (444

Canada (cont.)

- 1/10 Neff OH) Acid rain (444 1/22 Brown IL)
15150 1149 RCI ID ice fishing NE of Montreal (343 1/28 Westenhaver QU)
15260 1939 FF RCI Hockey news by YL (555 1/27 Kline CA)
15260 1551 BBC Saturday Special: America's Cup (555 1/31 Brown IL) Afghan visitors
for med. treatment (544 1/16 Valentine CA)
15390 1525 RCI Government policy on lumber; Viet/China fight (433 1/11 Brown IL)
Sunday Morning: ice fishing (544 2/1 Brown IL)

CUBA R.Habana**R. Rebelde relay**Mayak relay**Radio Moscow World Service relay

- 4765 0220 SS RMWS Martin Luther King (444 1/16 Westenhaver QU)
5025 0242 SS RR News briefs and mx; ID (444 1/27 Wright MB)Noticias Nacionales,
Steel band mx (444 1/26 Dillon MD)
6000 1215 RMWS (Cuban site?) Nuclear disarmament (444 1/17 Dillon MD)
6060 0137 SS RHC Guitar jazz, ID (444 1/16 Brown IL)
6090 0030 RHC Legend of a little black devil (555 1/13 Robinson TN) Letters from
listeners (444 2/1 Zirkelbach CA)
7065 0030 SS RHC Talk on Marx and Lenin; movie mx (333 1/20 Janusz NJ)
9640 0445 RHC Musica latina, Interview: teacher who visited Nicaragua (344
1/30 Preston CA)
9730 1415 SS RHC Guitar mx, ID (433 1/22 Brown IL)
9740 0315 RHC Sports nx with OM (544 2/5 Valentine CA)
11793 1932 RHC Star Wars; U.S. role in Asia and South Pacific (444 01/22 Sampson WI)
11870 1635 RMWS Consumer tastes in CCCP (544 1/21 Brown IL)
15225 1445 RMWS Arabic mx; Focus on Armenia (Cuban site?) (444 1/27 Curtis TN)

DOMINICAN REPUBLIC **R.Discovery**R.Clarin**R. Santiago

- 11700 2008 SS RC Mx and IDs (333 1/11 Neff OH)(333 1/27 Soomre MA) (545 1/17 Robinson
TN) (333 1/24 Shaffer PA) V. de CID:"Esta es R. Clarin,
transmitiendo la programacion de R. Maximo Gomez de la
cadena radial del CID." (353 1/25 Allen CA) ID, TC, nx til 0002 (343 1/24 Allen
CA)
15085 2203 RD Barbados description (333 1/17 Curtis TN)

GREENLAND Gronlands Radio

- 3999 0955 Kalaallit Nunaata YL signs on with soft voice; baroque choral mx; EZL mx
(322 2/2 George MA)

HAITI 4VEH

- 4930 2200 FF song about Africa, call and response (545 1/17 Robinson TN)(Carlisle WA)

MONTSERRAT Deutsche Welle Relay

- 9565 0303 Kidnapped German citizens; Greece and NATO (433 1/23 Brown IL)

NETHERLANDS ANTILLES Radio Nederland**TransWorld Radio

- 6145 0658 FF TWR IS, ID (444 1/26 Brown IL)
6165 0530 RN Newline //9715 (544 2/2 Zirkelbach CA) Shortwave Feedback (444 1/25
Preston CA) USSR in Afghanistan; Dollar drops (555 1/16
Wright MB)+1
9535 0500 TWR Caribbean Night Call; old news (244 1/25 Preston CA)(444 1/18 Neff
OH)Marriage is a two way street (444 1/11 Langlois FL)+1
9590 0250 RN Listener Feedback with Neville Grey (5551/11 Janusz NJ)+1
9715 0551 RN Newline, Wednesday Report (444 1/29 Preston CA) classical mx
//6165 (555 1/26 Kline CA) Indian Airliner Hijack (433
1/15 Brown IL)
15315 2258 SS RN Musica latina ID (555 1/27 Kline CA)
21680 1756 Dutch RN Dissidents in the Soviet Union (444 1/17 Wakefield IA)
21685 1847 RN Happy Station (444 2/1 Curtis TN)

PIRATES** a/k/a static crashes

- 6660 0225 SS La Voz de Alpha 66 Excited anti-Cuban talk (233 1/30 George MA)
7415 0246 Voice of the Purple Pumpkin (333 1/87 Wolfish ON)
7415 0635 Voice of the Rainbow Talking Heads, Los Lobos mx; Job opportunities
in sanitary engineering (343 1/87 Neff OH)

PIRATES, (cont.)
7423 0236 Zeppelin Radio Worldwide German accordian mx, gave Moorhead MN address
(343 1/87 Wolfish ON)

UNITED STATES OF AMERICA The Voice of AmericaThe Voice of Free China (via WYFR)
Armed Forces Radio and Television ServiceRadio Marti****

5275 1400 CC WYFR Hymns and ministry //9845 (Taiwan) (454 1/18 Bair CA)
5985 0231 VOFC Chinese Old Songs-Fifties songs by YL Tsu Wei (444 1/17 Westenhaver
QU) Youth Counselor and actress/singer interviewed (544 1/20
Janusz NJ)
6010 1159 RR KGEI Hymns, ID to 1200* (353 1/14 Wakefield IA)
6030 0330 AFRTS Hockey game live on Sports Line (444 1/26 Zirkelbach CA)
6080 0632 VOA Sports news:Cricket, golf (433 1/26 Brown IL)
6095 1200 RR KGEI News, music, EE lesson(555 1/28 Kline CA)
6100 0650 WHRI Gospel mx (322 1/18 Wakefield IA)
6120 1130 RI DX program: Chinese and Indonesian radio (333 1/25 Leite MA)
6125 0658 VOA Tuesday Morning (222 1/27 Brown IL)
6155 1014 AFRTS radio crime drama with Edward G. Robinson (454 /25 Kline CA)
6185 0500 WRNO Syndicated Rock mx (555 01/24 Russell AL)+1
7270 0302 VOA Islamic Conference in Kuwait (433 1/25 Brown IL)
7355 1055 SS/EE WHRI Radio preacher offers booklets and cassettes (444 1/31
Westenhaver QU)
7355 2200 VOFC Journey into CC Culture (444 1/9 Fraser MA)
7355 0217 WRNO Rock Music (444 1/16 Brown IL)(444 2/13 Sable PA)
7400 0540 WHRI IDs and inspirational mx (343 1/11 Neff OH) Radio Earth Curacao info
(343 1/18 Neff OH)+1
7400 0443 WHRI Light Gospel mx (353 1/12 Wakefield IA)(444 2/9 Sable PA)
9515 0040 BBC Look What They've Done to My Sound: Pavarotti (544 2/2 Brown IL)
9640 2130 Creole VOA IDs, freqs., news//11740, 15120 (454 1/29 Westenhaver QU)
9700 1630 AFRTS Mutual nx, UPI world nx (444 1/30 Trotto FL)
9715 0040 WRNO Sports Illustrated ad, mx (444 1/10 Neff OH)
9770 2240 WHRI Spiritual mx in singing, relig. prgrm (322 2/2 Zirkelbach CA)
9852 1732 VOFC Chinese mx (555 1/21 Bush OH) Pop mx, exports, classical CC mx (333 1/24
Dillon MD)
9852 2245 WRNO ID, info on mx prgrm, Sports Illustrated ad (444 1/29 Zirkelbach CA)
11730 0410 AFRTS Basketball: UNLV vs. UC-Irvine (444 1/30 Preston CA)
11740 0250 VOFC Hear Your Name in CC (444 1/11 Langlois FL)
11740 0116 VOA Ecuadorian president kidnapped; Peru news (333 1/16 Curtis TN)
11830 2000 WYFR Mx, Open Forum, Unshackled (555 1/24 Wright MB) OM gives sermon with
Bible quotes (444 1/29 Zirkelbach CA)(544 1/27 Kline CA)
15120 2145 Creole VOA Editorial on US opposition to Soviet foreign policy (343 1/28
Westenhaver QU)
15135 1815 Amharic VOA OM with news, mentions Nelson Mandela (322 1/25 Berri CA)
15170 1913 WYFR Open Forum (433 1/25 Bishop NY)
15185 2045 WINB Freq. and address; religious program (232 1/21 Westenhaver QU)15330 2025
AFRTS Brown-Denver playoff game (333 1/11 Neff OH)
15330 1604 AFRTS TV theme mx; AP news (444 1/20 Brown IL)
17710 1805 SS VOA OM with news (233 1/25 Berri CA)
17750 1646 WYFR Slow EE Bible reading (433 1/28 Curtis TN)
17775 2020 KVOH Sports, Christian mx, Reagan's message (253 1/18 Wright MB)
17785 1653 VOA Rock mx: Billy Ocean (444 1/28 Curtis TN)

It was not a bad month for loggings, but to fit everything into three pages I have to have some editorial rules. Here are the criteria, in order of importance. I omit illegible logs, logs with missing information, logs before the ninth of the preceding month (March issue is edited February 12th; this means no log accepted from before January 9), medium wave logs, broadcast feeder logs, and logs with nasty comments about other people. I try to include everyone who contributes at least once in the column.

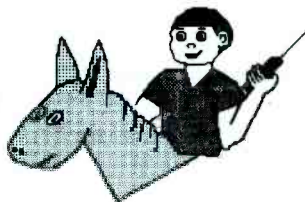
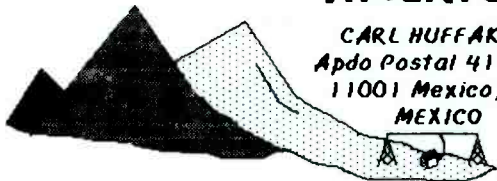
Canadian Comments: Some of the above loggings are from a DXpedition to Williamsford, Ontario (near Owen Sound) by DXers Michael Bolitho, Paul Routenburg, and SPEEDXer Niel Wolfish. These hardy souls used the following equipment: HQ-180AC, IC-R71A, CR-2021, and ICF-2010. Antennas were 2 beverages. Hot beverages were in order. DON'T BLAME THE CDE: Jean Burnell's loggings for November were postmarked 12/2 and received 1/10 with the notation stamped on "found in supposedly empty equipment." Automation requires more than artificial intelligence. Sorry, Jean. A bientot.

73
T. F. S.



LATIN AMERICA

CARL HUFFAKER
Apdo Postal 41-507
11001 Mexico, DF
MEXICO



FREQUENCIES in Kilohertz

DEADLINE: 12th

TIMES/DATES in UTC

This month's format is only an experiment, but it is an effort to present more useful information in a more readily available form. As it is assumed that all reports refer to reception within the current reporting period, two to six weeks before publication, dates will not shown unless they have special importance. When they do appear, they will be in the usual month/day digital format. Time will be reduced to 3 categories, (a) morning, (p) evening, and (d) daytime, at the station site. When time of reception is especially important, it will appear in the usual 4-digit UTC form immediately after the station name. Program details will be kept to a minimum except when unusual programs are involved or for those stations that are difficult to identify otherwise. Reporters will be given a sequence number keyed to a list at the end of the column. To maintain the very useful data on the location of each reception report, four lists will be used; E1, E2, etc., for the eastern US; C1, C2, etc., for the Central area, W1, W2, etc. for the West, and X1, X2, etc., for other areas, but with Canadian QTH's included in the appropriate US area. As almost all reports deal with reception good enough to identify the station and the program, the SIO rating will not appear unless it indicates marginal or exceptional reception.

Although the above may, at first glance, appear somewhat arbitrary, they are based on the following generalizations. Most Latin American stations are of relatively low power. When one in a particular area is coming in, the others in that area are probable. The most important factor controlling propagation is the sunrise/sunset situation at the station and at the receiving location. Hence the north-south orientation. Because some of the data may be used as much as two-thirds of a season after the report, morning and evening "windows" instead of exact time are indicated. A generalized data presentation would, in many cases, fail to communicate the required information, so some stations, rare, unusual, or interesting, must appear in a partially expanded or full data format. I hope that I, as editor, can make the proper choices.

Now to the reports. The language will not be indicated unless it differs from the normal language of the country.

ARGENTINA

None of the regionals were reported this month. Bob Ress, E1 (p) reported a soccer match on R Rivadavia's feeder, 4588 kHz USB. They were also reported from the Pacific Northwest in the CMDX Club Monitor with a good signal. If your receiver has SSB capability, it's a chance for a better signal during sports events.

9690 RAE (p)EE bdcst C2; E5; E6; E7; E8
11710 RAE (p)EE bdcst E2; W1; E3; E4: C1

Note: for local coverage, the xmtrs ID as "R Nacional"

BELIZE

A country with only one SW outlet on one frequency, properly called "Radio One". Music is usually EZL or Pop, but occasionally cuts loose with Belizean Calypso.

3385 Radio One (a)(p) E9, E10; E11; C3; C4; E1; E12

BOLIVIA

At 17°S, Bolivia has an hour seasonal swing in sun time. As most of the co-channel QRM is equatorial, stations are uncovered or covered by QRM on a month to month basis. Below 4750 kHz, the stations are notorious for large drifts and abrupt frequency changes. I'll abbreviate these reports.

BOLIVIA (cont)

4682 R Paititi 03:12⁴E13, E4
 4712 R Abaroa (p) E4
 4728 R Santa Ana (p) E1; (a) E14
 4796 R Nueva America (a) C5

4845 R Fides (p) E13
 4875 La Cruz del Sur (a) C5
 6025 R Illimani (a) E15; (p) W1

BRASIL

The new 31 meter frequency assignments didn't uncover many stations for North American reception. Reports from various sources indicate that the changes were made, so watch this band especially when the international broadcasters make their seasonal changes.

3375 R Ed Guajará Mirni (a) C5
 4755 R Ed Rural (p) E3; W2; (a) C5
 4795 Rdif Aguidauna (a) C5
 4805 Rdif Amazonas (p) E3; (a) E16
 4815 R Nao de Tabatinga (a) E3; C5
 4825 R Ed Braganca (a) E1; C5
 4845 R Nac Manaus (p) E5; E17; (a) C5
 4855 R Aruana (a) C5
 4880 Rdif Acreana (a) C5
 4885 R Clube do Para (p) E3; (a) E5
 4905 R Relogio (p) E3; E1; (a) C5
 4915 R Nac Macapa (p) E3; (a) C5
 4915 R Ananguera (a) C5
 4945 R Nac Porto Velho (a) C5; W3

4985 R Brasil Central (a) C5
 5025 R Borborema (a) C5
 5025 R Transamazonica (a) W4
 5045 R Cul do Para (a) E5; C5
 5970 R Itatiaia (a) W4
 6030 R Globo (a) E5; E10
 6040 R Clube Paranaense (a) E14
 6180 R Nac Amazonia (a) E5
 9665 R Marumbi (a) E14
 11745 R Nac do Brasil EF (p) E8; E11; E3; C3; W1
 11780 R Nac Amazonia (p) C3; E5; E18
 15200 R Nac Amazonia (p) E4
 15265 R Nac Brasil (d) E3; X1
 17755 R Suriname via Brasil (d) X1

CHILE

15140 R Nacional (d) E17; E10; C4; E5; W1 No EF noted recently and programming appears to be directed toward a national audience.

COLOMBIA

Among the several Colombians reported this month are L V del Llano and L V de la Selva. Both are located in the marginal area between the llano, or grassland, and the selva, or tropical forest, that sweeps in a long arc from Bolivia to Venezuela, and takes advantage of both economies. The agricultural potential is so great that for years geographers have called the area a "sleeping giant". Have you noticed how many of the new Latin-American stations are located in towns where a line of communication cuts across this margin?

4780 R Super, Medellin (p) W3
 on 4775 2/87 (a) C5
 4765 L V de Cinaruco (p) E13
 4885 Ondas de Meta (a) C5
 4915 Armonias del Caqueta (a) C6
 4945 Caracol Nieve (p) C4; (a) E19;
 C7; E3; C5
 4975 Ondas de Ortegaaza (a) W4

5095 R Sutatenza (a) E17; E2; (p)
 E10; C4; E15; E6; E18; X2
 5569 R Nueva Vida (a) W3 (new freq)
 5975 R Macarena (a) E17
 5991 Unid (a) C6 (probably LV Ariari)
 6065 R Super, Bogotá (a) E18
 6160 Em Nueva Granada (a) E13
 6115 L V del Llano (a) C4
 6170 L V de la Selva (a) E2; C4

COSTA RICA

4832 R Reloj (a) C4; E11; X2
 5055 Faro del Caribe (p) E5; (a) W4

6160 R Impacto (a) C4; (Guy, your
 unid sounds like an Impacto tape)
 15460 AMR(R Lira) (d) E12; W5

ECUADOR

The big news was, of course, the Presidential kidnapping. Radio Quito did a fantastic job of covering the event although most reports came over the line from R Caravana, a MW station in Guayaquil. The Atalaya sistem was silent, probably because the Navy had taken control of the town. R Quito came up with a new ID for their cadena "La Sistema de Ecuador Radio, LA CADENA DE TRIUNFO" after the President had been released. At the end of the broadcast, they listed the foreign stations that had carried at least part of their program. These included Chicago, New York, Los Angeles, Miami, New Orleans, and Washington in the US, as well as the BBC, Spanish Radio, Cuba, Nicaragua, Peru, Panama, Chile, Argentina, Colombia, and Venezuela. When you add in over 20 stations in Ecuador, it was quite a feat for a 60-meter band station with only 5 kilowatts. Clearly, it was a case of people who understood the potential of electronic communication and didn't waste time on political or financial negotiations and agreements.

ECUADOR (cont)

Although many of the more difficult stations are missing this month, it's an impressive list.

3220	<u>HCJB</u> (p) E3, (a) C5	5040	<u>L V del Upano</u> (p) E3; E5; (a) E2; E17; E18
3240	<u>R Antena Libre</u> (a) C5	5050	<u>Jesus del Gran Poder</u> (a) E5
3280	<u>L V del Napo</u> (a) E14; C5	5055	<u>R Catolica Nac</u> (p) E15; C8; (a) E2; E3; C6
3315	<u>R Pastaza</u> (a) C5	5064	<u>R Nac Progreso</u> (a) W4
3380	<u>R Iris</u> (a) C5	6050	<u>HCJB</u> (p) C3
3395	<u>R Zaracay</u> (p) E11; E3; E20; (a) C4	6205	<u>HCJB RR</u> (p) C3
4762	<u>Em Atalaya</u> (p) C6; W3; (a) C5	6230	<u>HCJB</u> EE (p) C3
4795	<u>L V de los Caras</u> (p) E3	9745	<u>HCJB</u> EE (a) E6
4800	<u>R Popular</u> (p) E3; (a) C5	9870	<u>HCJB</u> EE (p) E10; E22; C3; E3; E23; E21; W1; W6; X1
4820	<u>R Paz y Bien</u> (a) W4	11740	<u>HCJB</u> EE (a) E20
4870	<u>R Rio Amazonas</u> (p) E3	11910	<u>HCJB</u> EE (p) C3
4890	<u>R Centinela del Sur</u> (p) E3; E13	15250	<u>HCJB</u> GG (p) W7
4911	<u>Em Gran Colombia</u> (a) E13; (p) E13	15270	<u>HCJB</u> EE (d) E3; E24; E8; C3
4920	<u>R Quito</u> (a) E5; (p) E3; E16; E18		
4960	<u>R Federacion</u> (a) C5		

FALKLAND ISLANDS

•Could return to 120 meters for their winter soon, 2380 kHz.

3958 FIBS (a) E13

FRENCH GUYANA

3385	<u>RF de OM</u> (a) C5	6055	<u>RFI</u> EE (p) W9; E25; C8
5055	<u>RF de OM</u> (a) C5	9800	<u>RFI</u> EE (p) C3
5950	<u>RFI SS</u> (p) W8	15300	<u>RFI</u> (d) W10

GALAPAGOS ISLANDS

Another one station, one frequency radio country. Best reception is around 07:00 their local sunset when they over-ride the Peruvian on the frequency.

4810 L V de Galapagos (p) C5

GUATEMALA

2390	<u>L V de Atitlan</u> (p) E14	3370	<u>R Tezulutlan</u> (p) E3; (a) W4
3300	<u>R Cultural</u> (p) W11; E8; E10; C3; C4; E11; E3; E1; X2	3380	<u>R Chortis</u> (p) E14; E13; (a) W4
3325	<u>R Maya</u> (p) C5	4825	<u>R Mam</u> (p) E1; (a) W4
3360	<u>L V de Nahuala</u> (p) C5	4835	<u>R Tezulutlan</u> (p) W1; (a) E18
		5980	<u>AWR</u> (a) E16

HONDURAS

Only 3 stations, but a stack of reports. Look for the other stations in the clandestine listing.

3250	<u>R Luz y Vida</u> (p) E3; E1; E11	4820	<u>L V Evangelica</u> (a) E5; W12; (p) E7; E11; C7; E3
4755	<u>Sani Radio</u> (a) W12; E2; E3; X2; (p) E10; E11; E25; C7; E7		

MEXICO

XEW, L V de la America Latina activated two of their SW frequencies on 2/11 so that stalemate has evidently been broken.

2390	<u>R Huayacoacatl</u> (p) C5	6045	<u>R Univ de San Luis Potosi</u> (d) C5
5982	<u>XEUJ</u> (d) C5	6165	<u>XEW</u> (d) C5
6020	<u>La "U" de Veracruz</u> (a) E13	9515	<u>XEW</u> (d) C5
		9680	<u>XEQQ</u> (d) E10

NICARAGUA

6015 L V de Nicaragua (p) E7; C2; EE W1;
E12

PARAGUAY

9735 R Nac de Paraguay (p) E5; E18;
W1; (a) C4

PERU

This is one country that needs no introduction. Everyone Dxes Peru, and gets results. The music is easily recognizable. The Spanish is easily understood. And national coverage suggests that the stations orient their antenna patterns in a NW-SE direction that points toward North America. Past years have indicated that the spring equinox is a prime time for Peruvian reception, so search a bit, especially on the changeable out-of-band frequencies. The following list is, at best, only 50% of what you might hear in the coming month.

- | | | | |
|------|---|------|---|
| 3340 | <u>R Altura</u> (p) C6; (a) W4; C5 | 4960 | <u>R La Merced</u> (p) E13 |
| 4040 | <u>R Marginal</u> (p) W3 | 4970 | <u>R Imagen</u> (a) C5 |
| 4299 | <u>R Moderna</u> (p) E1; C6 | 4975 | <u>R del Pacifico</u> (p) E13 |
| 4460 | <u>R Norandina</u> (p) E4; E1; C6 | 4990 | <u>R Ancash</u> (a) W4 |
| 4755 | <u>R Huanta 2000</u> (a) C6 | 4996 | <u>R Andina</u> (p) E4; E13 |
| 4775 | <u>R Tarma</u> (a) C5 | 5030 | <u>R Los Andes</u> (p) C6; (a) W4 |
| 4790 | <u>R Atlantida</u> (p) E17; C6; E4; E3 | 5274 | <u>R San Juan de Chota</u> (p) E4 |
| 4810 | <u>R San Martin</u> (a) E11; (p) E13;
E1; W1 | 5661 | <u>L V de Cutervo</u> (p) E13 |
| 4825 | <u>L V de la Selva</u> (p) E3; W3;
(a) E11; C6; W4 | 5800 | <u>R Frecuencia San Ignacio</u> (p)
E13; E15; E1 |
| 4840 | <u>R Andahuaylas</u> (p) E3; (a) E13 | 6724 | <u>R Satellite</u> (p) C6 |
| 4910 | <u>R Twantinsuyo</u> (a) C5 | 6791 | <u>R Sensacion</u> (p) W3; E13; E1 |
| 4935 | <u>R Tropical</u> (a) C5 | 8515 | <u>R Amistad</u> (p) E4; W3 |
| 4950 | <u>R Madre de Dios</u> (a) C5 | 9510 | <u>R America</u> (a) C6 |
| | | 6816 | <u>R Universo</u> (p) E13 |

URUGUAY

John Wilkins must have a coax leading down to this area. These stations are not reported often.

- | | | | |
|-------|--------------------------------|-------|------------------------------------|
| 6045 | <u>R Libertad Sport</u> (p) W3 | 11835 | <u>R El Espectador</u> (p) W3; E15 |
| 11735 | <u>R Oriental</u> (p) W3 | | |

VENEZUELA

Only 11 Venezueleans this month, perhaps a new high in station inactivity. But don't fail to check the inactive frequencies. Back in 1982, R Carora reactivated for only a short period but long enough for a prized QSL! and it's been only a little over a year ago that R Universidad operated on a 24 hour schedule for a short period.

- | | | | |
|------|---|-------|--|
| 3225 | <u>R Occidente</u> (p) E3; (a) C5 | 4970 | <u>R Rumbos</u> (p) E11; C7 |
| 3375 | <u>R Mara</u> (a) W4; C5 | 4980 | <u>Ecos del Torbes</u> (a) E2; C7;
E5; (a) C1; E11; E6; E3; X2; W13 |
| 4780 | <u>L V de Carabobo</u> (p) E3; C2; E5 | 9660 | <u>R Rumbos</u> (d) E10; E4; (a) E2 |
| 4830 | <u>R Tachira</u> (p) E3; (a) E5 | 11852 | <u>R Mac de Venezuela</u> (a) E4;
(d) E6; W8 |
| 4840 | <u>R Valera</u> (a) W4; C5 | 5020 | <u>R Nacional</u> (p) C5 on all night
weekends. |
| 4850 | <u>R Capital</u> (p) E6; C7; C6; (a) X2 | | |

CLANDESTINE

In answer to a question about L V de la UNO ID, it's a bi-lingual acronym. UNO stands for United Nicaraguan Opposition in English, but its secondary meaning is ONE in Spanish. Uno is the masculine form of the number, but because it does refer to organization, a feminine word in Spanish, the ID uses the feminine article la. If this sounds confusing, pity the congressional committees who are presently investigating the involved financing of the group

- | | | | |
|------|--------------------------------------|------|-----------------------------------|
| 5980 | <u>L V de la UNO</u> (a) E17; (p) E6 | 7470 | <u>R Caiman</u> (p) C3; C1 |
| 6364 | <u>R 15 de Septiembre</u> (p) C7 | 9930 | <u>L V del CID</u> (a) E11 |
| 6555 | ???? (p) E6 | 9940 | <u>L V del CID</u> (p) C8; C4; E5 |

On the 6555 UNID, Gerry Dexter in "Clandestine Confidential" lists this frequency for Radio Miskut an anti-Sandinista station that broadcasts mainly in Miskito, but with some Spanish and occasional English.

Not room on this page for the contributors list, so a few observations. Although I did manage to include all reports and reporters, I did entirely omit the program details. Next month I'll be able to work them in for most of the stations and only omit those of the more easily identified stations. I see, too, that I'll have to draw a more careful line between the Eastern and Central areas, or perhaps use only an Eastern and Western division. In any case, don't suddenly omit the normal details on your reports. I'll work them in somehow.

E1	Ross-ONT	E17	Russell-AL	W1	Miller-CA
E2	Robinson-TN	E18	Westenhaver-PQ	W2	Atkins-WA
E3	Bishop-NY	E19	Shaffer-PA	W3	Wilkins-CO
E4	Sharp-FL	E20	Fraser-MA	W4	Carlisle-WA
E5	weiker-MI	E22	Levinson-PA	W5	Radtke-CA
E6	Janusz-NJ	E23	Coleman-MA	W6	Emerson-OR
E7	Neff-OH	E24	Sable-PA	W7	Fisher-NM
E8	Langlois-FL	E25	Hardester-PA	W8	Grosvenor-CA
E9	Watson-FL	C1	Goodman-IA	W9	Stephenson-CA
E10	Trotto-FL	C2	Abbinante-IL	W10	Thompson-CA
E11	Dillon-MD	C3	Brown-IL	W11	Femyer-AZ
E12	Pogue-TN	C4	Wakefield-IA	W12	Bair-CA
E13	George-NC	C5	Huffaker-MX	W13	Allen-CA
E14	Quagliari-NY	C6	Foregren-WI	X1	Shreedhar-India
E15	D'Angelo-PA	C7	Brame-IL	X2	Haverilco-UK
E16	Hill-MA	C8	Wright-MB		

Now to fill the space that I should have used for program data, some general comments on Mexico's shortwave stations.

The first group is the University stations. At present, every University and branch University has a radio outlet as a communications laboratory, some are on MW, some on FM, but the SW stations are familiar, Radio University de Mexico, de San Luis Potosi, and de Sonora. Radio Education was originally under the Secretariat, but is gradually being phased in as a station for the downtown branch of the University. These stations generally broadcast classical music with brief periods of student-oriented programs. Radio Mil has signed a contract for part-time programming by the Politecnic Institute, but their SW outlet continues to operate at less than low power. Radio Huayacocotla is operated by the Ibro-Americana University with cultural programs directed toward the campesinos.

La Hora Exacta is now a government operation continuing their time signal/ad format, but with PSA's and ads for government-owned companies substituted for the previously commercial ads. It is operated as a branch of Radio Mexico International.

XEUJ in Linares is unique in that it is a privately-owned commercial station operating solely on shortwave.

As I mentioned earlier, XEW has reactivated shortwave. They are owned by Televisa and sometimes ID as Televisa Radio. They and XEQ are MW relays.

La "U" de Veracruz and Su Pantera in Merida are little more than 49 meter relays of MW stations. I've yet to hear an ID or program intended for more than the local area of either station.

Radio Mexico International is, of course, the official international voice of Mexico. Years of budget difficulties and lack of agreement on what the voice should say have stunted both growth and innovation. There seems to have always been plans for broadcasts in languages other than Spanish, but none have ever materialized.

It's not many stations for a country of this size and importance, and undoubtedly the status quo will continue into the next administration. Perhaps then, someone will realize that shortwave offers a ready solution to their internal and external communication problems.....

CU in 30 and 73's

Carf

EUROPE

Daniel Sampson
Route #1, Box 36
Black River Falls, WI 54615-9714

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



Destination: _____
Flight
Seat Window Center Aisle

EUROPE

BOARDING PASS
Row

First off a reminder that on March 29 a number of European shortwave stations will be airing their broadcast one hour earlier UTC time. These stations would include R. Sofia, R. Finland, R. France Int'l, R. Berlin Int'l, R. Budapest, R. Kiev & R. Vilnius.

Here it is tax season again and I am again working on tax returns. With the two jobs I am working over 50 hours per week. Here's to long weekends! The use of a computer is helping out alot with the limited time I now have. Reports are down a little this month but as always a good all around selection of what can be heard. Keep up the good work.

ALBANIA Radio Tirana

5057 2245 Gjirokaster Albanian; Alb. mx, YL w/ nx @ 2250, s/off anmts, ID, NA (333 1/10 D'Angelo-PA)
7065 0229 RT EE; nx, 41st anniversary of People's Republic, 0256* (555 1/12 Pogue-TN) (Weikel-MI) (Robinson-TM)
9480 2253 RT EE; tkl praising Socialism, Alb. mx, ID, NA (343 1/10 Rocker)

AUSTRIA Radio Austria International

6155 0154 RAI EE; "Rpt from Austria," white-collar workers (433 1/21 Bishop)
7115 1543 RAI EE; dance mx by GG composers, ID & IS @ 1555, obliterated by RM @ 1600, // 12015 (354 1/31 Bair-CA) (Miller-CA)
7210 0900 RAI GG; IS @ 0857 (111 2/6 McEntee-TX)
7245 1424 RAI EE; OM w/ ID, jazz, "Rpt from Austria," "SV Panorama" (444 1/18 Havrilko-U.K.)
9870 2130 RAI EE; "Rpt from Austria," ID, to W. Afr. (333 1/8 Hesch-NY)
12015 1545 RAI EE/GG; "Rpt from Austria," tkl, mx (534 1/15 Miller-CA)
15320 1230 RAI EE; nx, tkl on Austria development aid (433 1/23 Alexander)

BELGIUM Belgische Radio en Televisie

5900nf 2155 BRT SS; DX pgm, IS, into EE @ 2200, "Brussels Calling" (353 2/1 George-MA)
9905 1847 BRT EE; // 5910, Euro-pop mx, ID (333 2/4 Havrilko-U.K.)
15515 1223 BRT Dutch; harmonica mx, IS, 1226* (343 1/31 Westenhaver-QU)
15590 1355 BRT EE; "Brussels Calling," rpt on foreign trade (444 1/9 Hesch)

BULGARIA Radio SofiaRadio Moscow relay**

6070 0007 RS EE; nx, comtry, mailbag (443 1/29 Kline-CA) (Janusz-NJ) (Neff)
7115 0355 RM EE; roundtable discussion of the US-USSR (333 2/2 Brown-IL)
0400 RS EE; nx, comtry on use of chemical weapons (342 2/4 Goodman-IA)
9740 1830 RS EE; // 11735, YL w/ ID & freq sked, nx (422 2/4 Havrilko-U.K.)
15385 1209 RS AA; tkl, Bulgarian folk mx, 1215 "Huna Sofia" ID (222 1/31 Westenhaver-QU)

CZECHOSLOVAKIA Radio Prague

5930 0312 RP EE; nx, mx, rpt about developing countries (452 1/28 Kline-CA)
6015nf 0101 RP EE; freq anmts, nx (222 1/23 Westenhaver-QU)
7345 0235 RP EE; tkl, ARO QRM (332 1/30 Miller-CA) (Havrilko-U.K.)
9605 1431 RP EE; tkl of Prague Diplomatic Corps, bad wx not effecting political life (544 1/18 Havrilko-U.K.)

DENMARK Radio Denmark15165 1342 RD Danish; intvw between OM & YL, ID (333 1/28 Curtis-TN)**FINLAND Radio Finland**11755 0957 RF EE; "A Taste of Honey," ID, IS @ 1000 (111 2/7 McEntee-TX)11945 1400 RF EE; IS, ID, nx, chemical accident (333 1/21 Brown-IL)
(Havrilko-U.K.)15400 1310 RF EE; economic review, occupational health problems in
Scandinavia (333 1/19 Coleman-MA)(Wright-MB)(Curtis-TN)R. Finland introduced a new FF svce on 1/31 to b/c 1/2 hour on Saturdays @ 0830
on 11935, 11755, 9655 & 6120, @ 1430 on 11945 & 15400, @ 1630 on 11850, 11755 &
6120, and @ 1830 on 11755, 9530 & 6120. (RN Media Network 1/30)**FRANCE Radio France International**3965 2346 RFI FF; Frank Sinatra song, tlk, sounded like commercials (444
1/23 Havrilko-U.K.)7175 0324 RFI EE/FF; wld & FF nx, into FF @ 0330, into EE @ 0345 (444 2/1
Dillon-MD)7280 0754 RFI FF; ID, jingle, accordian mx (354 1/18 Rocker-MS)9790 0615 RFI FF; OM w/ tlk, pop mx (233 2/1 Preston-CA)(Goodman-IA)9860 1608 RFI EE; "Paris Calling Africa," "LAM notes" (444 1/18 Walley-CA)11805 1712 RFI FF; hillife mx, OM w/ ID @ 1715, tlk (242 1/14 Thompson-CA)15315 1600 RFI EE; "Paris Calling Africa," reading of nxpapers (333 1/31
Lupi-FL)(Brown-IL)17620 1430 RFI FF; ID, "Musical" (555 1/20 Robinson-TN)17850 1518 RFI FF; comtry on rugby match (422 2/1 Westenhaver-QU)**GERMAN DEMOCRATIC REPUBLIC Radio Berlin International**Stimme der DDR**6115t 0645 SDD GG; OM/YL tlk (444 1/21 Russell-AL)6125 2335 RBI EE; rpt on drama education in GDR (433 1/23 Coleman-MA)7185 1058 RBI GG; IS, NA, OM w/ ID, freq anmt (242 1/19 Westenhaver-QU)9620 0150 RBI SS; ID, mod. mx-sort of, nx (333 1/18 Weikel-MI)9730 1754 RBI EE; ID, nx of Ethiopia & relations of Ethiopia w/ other
countries, // 7260 & 6115 (444 1/23 Havrilko-U.K.)11920 0645 RBI EE; ID, nx (232 12/25 Uetake-Japan)(McEntee-TX)15240 1514 RBI EE; GDR-Yugoslav trade tlks (232 1/6 Wakefield-IA)(Soome-MA)**GERMAN FEDERAL REPUBLIC Deutsche Welle**Voice of America relay**Sddeutscher
Rundfunk**Bayerischer Rundfunk**3995 2352 DW GG; OM w/ song (444 1/23 Havrilko-U.K.)6030t 0809 SR GG (423 1/30 Russell-AL)6085t 0754 BR GG (554 1/30 Russell-AL)6090 0100 VOA EE; YL w/ nx, soon blasted by Cuba (242 1/13 Fraser-MA)9560 0512 DW EE; "Microphone on Europe," Eastern Eur. countries gave a
mixed review of Gorbachev speech on reform (333 2/2 Brown-IL)9700 0113 DW GG; tlk, IS, into pop mx (322 2/1 Rocker-MS)15135 1519 DW EE; unemployment in Germany (444 2/5 Kolb-NM)(Brown-IL)**GREAT BRITAIN British Broadcasting Corporation**3955 2240 BBC EE; intvw w/ chaplin for the Queen, spts (444 1/12 Gerstner)3975 0522 BBC EE; nx, Iran-Iraq war (444 1/12 Brown-IL)(Janusz-NJ)5975 0100 BBC EE; "Outlook," scandal at Ginnis (544 1/23 Alexander-NJ)6195 0322 BBC EE; "The World Today," pgm notes (333 2/2 Brown-IL)7325 0200 BBC EE; wld nx, "Press Review" (333 1/26 Dillon-MD)9530 1620 BBC Romanian/EE; EE lesson (333 1/29 Westenhaver-QU)9640 0651 BBC EE; new FF test allows a farmer to determine the sex of a cow
embryo (444 1/29 Brown-IL)9660 0300 BBC EE; wld nx (433 2/5 Valentine-CA)9915 0657 BBC EE; nx, Philippine attempted coup (433 1/30 Brown-IL)12095 1353 BBC EE; nx, British aid to farmers in Sri Lanka, nx of Caledonia
(444 1/28 Curtis-TN)(Westenhaver-QU)(Brown-IL)15070 1510 BBC EE; "Radio Newsreel," Libyan forces in Chad, Ecuador leader
taken hostage (454 1/17 Wright-MB)17705 1609 BBC EE; comtry on Reagan's State of the Union message (444 1/28
Curtis-TN)18080 1515 BBC EE; political comtry (1/17 Levison-PA)(Hesch-NY)(Westenhaver)

GREECE Voice of Greece**Voice of America relay
 7205 0238 VOA EE; rpt on aftermath of Amtrak crash near Baltimore (444 1/16 Westenhaver-QU)
 7430 0300 VOG EE; OM, ID, Greek mx (444 1/11 Langlois-FL)
 9395 2220 VOG mx pgm, ID, to C. Am. (454 1/8 Hesch-NY)
 9420 0340 VOG EE; nx, into SS @ 0355 (544 1/13 Lupi-FL)
 11595 1510 Thessaloniki Greek; Greek mx (353 2/1 Wakefield-IA)
 11635 1532 VOG EE; vocal mx, ID @ 1540, nx, // 17565 & 15630 (444 2/5 Kolb-NM)
 11705 1328 VOA EE; "Focus," ID, TC, nx in Special EE (343 1/14 Thompson-CA)
 11740 1156 VOA AA; OM w/ EE ID, into AA (433 1/10 Havrilko-U.K.)
 15205 1436 VOA EE; tlk about sabatoge in China, U.S. & Mongolia establish diplomatic relations (333 1/26 Curtis-TN)
 15630 *1500 VOG Greek/EE; Greek nx, mx, EE Greece nx (343 1/17 Card-RI)

HUNGARY Radio Budapest

6025 0200 RB EE; constitution of Nicaragua, dixieland band mx (343 1/10 Carlisle-WA)(Miller-CA)
 9835 1700 RB EE; ID, tlk on Hungarian industry, // 11910 & 7225 (333 1/30 Havrilko-U.K.)

IRELAND Radio Dublin International

6910 1020 RDI EE; rock mx, ads, ID @ 1034 (George-MA)(Allred-Ecuador)

ITALY Radiotelevisione Italiana**Adventist World Radio

5990 0100 RAI EE; nx, tlk of fashion, SS @ 0121 (444 1/25 Lupi-FL)(Fraser)
 7165 1440 AVR EE; drama w/ YL narrator (444 1/18 Havrilko-U.K.)
 7290 1939 RAI EE; nx, Pres. Garcia of Peru visits Rome, // 7275 (333 1/23 Westenhaver-QU)
 9575 0101 RAI EE; nx, ID, mx, into FF @ 0120 (233 1/18 Gerstner-NY)(Brown)
 11905 1830 RAI II; nx, mx (454 1/11 Fraser-MA)
 15330 1357 RAI EE; bird IS, signal stopped (433 1/21 Brown-IL)
RAI is now using 9710 ex-9575 for the 1935 EE b/c to Europe (Westenhaver-QU)

LUXEMBOURG Radio Luxembourg

6090 2156 RL GG; mx, clear IDs (444 1/9 Russell-AL)(Fraser-MA)
 15300 1630 RL FF; mod. mx, 'Take By Breath Away' (232 1/18 Weikel-MI)
 15330 1359 RL FF; rock mx, FF ID (322 1/21 Brown-IL)
 15350 1550 RL FF; ID w/ anmt of 'Action Radio,' rock mx (444 2/2 Soomre-MA)

MALTA Radio Mediterranean**IBRA Radio**Deutsche Welle relay

6085 0100 DW EE; GG/EE IDs, nx, to NAM (544 1/24 Miller-CA)
 6110 2030 IBRA EE; tlk about Ken Copeland, address, ID (333 1/3 Neff-OH)
 2215 RM EE; pop mx, tlk, OM w/ nx @ 2230 (222 2/8 Weikel-MI)(Robinson)
 9545 0149 DW EE; freq anmt, mx, s/off, IS (333 1/2 Curtis-TN)
 11795 1535 DW GG; mx, march & operatic aria (343 1/10 Goodman-IA)

MONACO Trans World Radio-Monte Carlo

7105 0723 TWR EE; IS, ID, rel tlk (455 1/18 Rocker-M5)
 7205 1818 TWR EE; OM w/ rel sermon (433 2/4 Havrilko-U.K.)

NETHERLANDS Radio Nederland

6020 0232 RN EE; rock mx, OM/YL DJ (544 1/24 Lupi-FL)(Fraser-MA)(Dillon-MD)
 9715 1218 RN EE; "Media Network," 1224* (333 1/15 Westenhaver-QU)
 9895 0307 RN EE; "SV Feedback," question on minerals and raw materials in Holland (352 1/4 Allred-Ecuador)
 11930 1228 RN SS; IS, ID, pgm details, nx (232 1/28 Westenhaver-QU)
 13770 1431 RN EE; nx, Iran-Iraq War (433 1/21 Brown-IL)(Havrilko-U.K.)
 15560 1500 RN EE; int'l conventions, Peace Palace in the Hague (555 1/20 Robinson-TN)(Brown-IL)(Curtis-TN)
 17605 1343 RN Indonesian; harpsicord mx, ID @ 1356 (242 1/11 Dillon-MD)

NORWAY Radio Norway International

7255 1355 RNI EE; s/off by OM, nf? (131 1/13 McEntee-TX)
 9590 1712 RNI EE; rpt on hydroelectric plant (222 1/18 Brown-IL)(Kolb-NM)(Wakefield-IA)(Weikel-MI)(Thompson-CA)(Walley-CA)

NORWAY continued

9650 1500 RNI EE; EE/Norw. ID, to Africa (211 1/18 Brown-IL)
 9655 1743 RNI Norw.; OM w/ tlk, // 9590 & 11850, EE ID @ 1745 (333 2/5
 Havrilko-U.K.)
 11850 1700 RNI EE; Saudi-Norway oil production, "Trends & Traditions," //
 9590 (444 1/25 djs-WI)
 15185 1314 RNI EE; tlk on continuation of extremely cold wx, // 15310 (233
 1/18 Gerstner-NY)
 15310 1615 RNI EE; Norw. nx, mx by Grieg (444 1/18 Weikel-MI)(Brown-IL)
 (Fraser-MA)(Wright-MB)(Robinson-TN)(Curtis-TN)

POLAND Radio Polonia

7270 2230 RP EE; nx, wx, bad cold wx (454 1/15 Bush-OH)(Gerstner-NY)
 9540 1620 RP EE; tlk about educational development in Poland, Polish pop mx
 (343 1/30 Trotto-FL)(Havrilko-U.K.)

PORTUGAL Radio Portugal**Radio Free Europe**Radio Liberty**IBRA Radio**Radio
 Canada International relay

7190 0055 RFE RR?; poss. Ukrainian?, ID, IS, 0100* (221 1/20 Janusz-NJ)
 9680 0024 RP EE; nx, "Sand & Sea" about the town of Faro (544 1/26 Kline-CA)
 9685 2050 IBRA Turkish; tlk mixed w/ trad. Turkish mx, 2059* (433 1/11
 Westenhaver-QU)
 9705 0320 RP EE; ID @ 0327, mx, 0331* (322 1/28 Kolb-NM)
 11885 0200 RL RR; "Govorit R. Svoboda," nx, // 9550 (242 1/17 Westenhaver-QU)
 15250 1755 RP EE; DX pgm, ID @ 1756, cl mx, NA, 1800* (444 1/23 Trotto-FL)
 15265 1151 RP PP; guitar mx, 1154 "Fala Liboa" ID, pop songs, NA, 1202* (232
 1/7 Westenhaver-QU)
 15285 1546 RP PP; spts, // 15250 (444 2/2 Soomre-MA)
 15315 1544 RCI EE; // 11915, nx of Star Wars & arms control (433 2/1
 Havrilko-U.K.)
 17725 1618 RFE Bulgarian; ments of Bulgaria, intvw w/ Bulgarian professor,
 ID w/ freq, rock mx (444 1/28 Curtis-TN)

ROMANIA Radio Bucharest

5990 0200 RB EE; IS, ID, sked, contry on glories of Romanian Communism (433
 1/27 Coleman-MA)(Langlois-FL)
 7225 1945 RB FF; gypsy-style mx, 1947 "Ici RB Roumanie," tlk on scientific
 research into agriculture, ARO QRM, (333 1/23 Westenhaver-QU)
 9570 0200 RB EE; nx, tlk on disarmament (232 1/18 Gerstner-NY)
 9690 1300 RB EE; wld nx, contry, Communist Party view of rights (333 1/18
 Weikel-MI)
 11740 159 RB EE; OM w/ ID, QRM de VOA, YL w/ tlk (333 1/10 Havrilko-U.K.)
 11940 1305 RB EE; contry on Romanian life, economic development in Romania
 (544 1/18 Gerstner-NY)

SPAIN Radio Exterior de España**Radio Free Europe

6025 0100 REE EE; wld nx, ID (544 1/29 Miller-CA)
 6125 0035 REE EE; top SS songs for 1986 (434 1/5 Walley-CA)(Wright-MB)
 9630 0107 REE EE; nx, "Panorama," "Spts Roundup" (543 1/26 Kline-CA)
 (Janusz-NJ)(Kolb-NM)(Brown-IL)(Bishop-NY)(Langlois-FL)(Neff-OH)
 9745 2258 REE SS; IS, ID, freqs, address (433 1/10 Rucker-MS)(McEntee-TX)
 9765 1829 REE EE; end of FF pgm, EE sked, wld & Spanish nx (343 2/4
 Thunberg-PA)(Havrilko-U.K.)
 15375 1830 REE EE; nx, "Panorama," US support of contras (121 1/21 djs-WI)
 (Brown-IL)(Weikel-MI)
 17865 *1600 RFE Polish; IS, ID, wld nx, Soviet Union stopping jamming (444
 1/22 Trotto-FL)

SWEDEN Radio Sweden International

6045 2300 RSI EE; nx, "Mx from Sweden" (422 1/19 Janusz-NJ)(Hesch-NY)
 11735 1236 RSI EE; tlk on favorable US rpt on state of Swedish economy (243
 1/28 Westenhaver-QU)
 15345 1402 RSI EE; nx, Swedish minister warns that the Kurd population
 shouldn't be retaliated on Palme murder (433 1/21 Brown-IL)
RSI's EE 0230 b/c to S. Asia has moved to 7275 ex-9695 (Westenhaver-QU)

SWITZERLAND Swiss Radio International

3985	0738	<u>SRI</u> EE; nx, spts, "Swiss SW Merry-Go-Round" (433 1/3 Shaffer-PA) (Brown-IL) (Gerstner-NY)
6135	0400	<u>SRI</u> EE; "Dateline," 80 people die in Puerto Rico hotel fire (433 1/1 Walley-CA) (Brown-IL)
6165	1814	<u>SRI</u> EE; // 3985, ID, "Dateline," tlk on drug that halts spread of AIDS (544 2/4 Havrilko-U.K.)
6190	2242	<u>SRI</u> EE; "Dateline," "Swiss SW M-G-R" (232 1/24 Fisher-NM) (Brown)
9725	0200	<u>SRI</u> EE; ID, TC, "Dateline," wld nx, "Swiss SW M-G-R" (333 2/1 Dillon-MD)
9885	2105	<u>SRI</u> EE; wld nx, comtry (1/9 Levison-PA) (Valentine-CA) (Walley-CA)
11955	1830	<u>SRI</u> EE; wld & African nx (322 2/1 Wakefield-IA)
12030	1322	<u>SRI</u> EE; "Sat. Grapevine," end of EE @ 1329 (433 1/16 Gerstner-NY)
15420	1951	<u>SRI</u> FF; letter reading pgm (454 1/3 Allred-Ecuador)
15430	1530	<u>SRI</u> EE; nx, spts, "Merry-Go-Round," to Africa (434 1/31 Lupi-FL)
15570	1200	<u>SRI</u> GG; nx of Iran-Iran, much Port. nx (555 1/21 Robinson-TN)

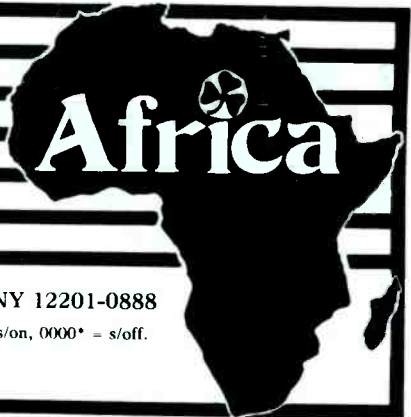
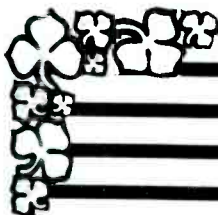
U.S.S.R. Radio MoscowRadio Riga**Radio Station Peace & Progress**Radio Kiev**Radio Yerevan**Arkhangelsk Radio**Radio Afghanistan relay**

4860	2048	<u>RM</u> RR; tlks, inst mx, IS, ID "Govorit R. Moscow," nx (343 1/18 D'Angelo-PA)
4920	1904	<u>RA</u> EE; OM w/ nx, tlk on giving pardon to refugees of Afghanistan in Pakistan & Iran (444 2/3 Havrilko-U.K.)
5015	1314	<u>AR</u> RR; inst mx, OM/YL tlk, YL w/ ID @ 1315 (444 1/14 Thompson-CA)
5905	0035	<u>RM</u> SS; RR pop mx, Soviet policy in LAM (444 1/8 Dillon-MD)
5910	1608	<u>RM</u> EE; "Top Priority," tlk about Reagan administration & SALT II treaty (252 1/10 Soomre-MA)
5935	2100	<u>RR</u> RR; Kremlin bells, NA, ID "Runa Riga," cl mx (fr 1/17 Daly-NY)
6105	*0100	<u>RSPP</u> Créole; ID "Ici R. Paix et Progres," tlk about S. African Communist Party, // 5905 (333 1/26 Westenhaver-QU)
6115	*2200	<u>RK</u> <u>Simferopol?</u> Ukraine: Ukrainian; IS, ID "Havoryt Kiev," tlk on economic system (343 1/25 Westenhaver-QU)
6125	2033	<u>RM</u> Danish; "Moskva R." ID, RR lesson, // 5945 (333 2/2 Westenhaver-QU)
6155	0505	<u>RM</u> EE; nx (554 1/26 Kline-CA)
7115	1830	<u>RM</u> EE; "Mx & Musicians"-Tchaikovsky (544 1/13 Fraser-MA)
7165	0035	<u>RK</u> EE; wld & local nx, comments (1/25 Levison-PA) (Robinson-TN)
7300	2146	<u>RY</u> Armenian/FF; YL w/ tlk in Armenian to 2152, ID "Ici Yerevan, Rdif. Arménienne," FF nx, 2158* (333 1/31 Westenhaver-QU)
9490	1722	<u>RM</u> EE; to W. Afr., tlk on housing (454 1/30 Havrilko-U.K.)
12055	1408	<u>RM</u> <u>Armavir</u> ERSFSR (RDI) EE; nx, agricultural comtry (333 1/26 Thunberg-PA) (Westenhaver-QU)
13790	1346	<u>RM</u> EE; "Culture & the Arts," cl mx, Afghan ceasefire (454 1/15 djs-WI)

VATICAN CITY STATE Vatican Radio

6185	0600	<u>VR</u> EE; nx, audible after WRNO s/off (243 1/24 Russell-AL)
6250	1459	<u>VR</u> EE; tlk, IS, // 7250, 9645 & 11790, ID in GG @ 1500, tlk on CA & ME (454 1/18 Havrilko-U.K.)
7250	0708	<u>VR</u> Romanian; IS, ID, anmts, chimes, Mass (433 1/18 Rocker-MS)
9605	0103	<u>VR</u> EE; intvw w/ Elie Wiesel, 'Day of Peace' in Italy, address from Pope, 0108* (322 1/3 Janusz-NJ) (Langlois-FL)
9615	0110	<u>VR</u> SS; to Latin America (333 1/23 Kolb-NM) (Rocker-MS)
9645	1540	<u>VR</u> FF/EE; FF pgm, IS, African nx, into EE until 1559 (322 1/21 Brown-IL)
15090	1456	<u>VR</u> EE; comtry on Waite abduction in Lebanon, ID, end of nx bulletin, IS & off (444 1/28 Curtis-TN) (Brown-IL)
15405	1400	<u>VR</u> SS; bells, ID (444 2/7 Brown-IL)

That's it for another month. Winter hasn't been too bad here and there isn't much snow left on the ground. At this time as I look out the window there are a few light snow flakes coming down so the weather may about to change. Who knows! '73's and the best of listening.



Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: *0000 = s/on, 0000* = s/off.

Submission Deadline is the 12th.

So much information, so little space.....

LOGGINGS FOR MARCH, 1987

BEST BETS: ● =East Coast, • =West Coast

ALGERIA

- 9509.5 0754 R. Algiers: FF; M phone requests, FF pops, TS/ID @0800, 5 min nx and back to mx. 444(1-27 Trotto-FL). 444(2-18 ed.)
- 15160 1455 R. Algiers: FF; M/W tlk, pop mx, nx @1500. 243(2-2 Russell-AL)

ANGOLA

- 4952 2218 ER da Huila: PP; tropical & hilife mx, M ID @2229 "...da Republica Popular do Angola--Emisora Regional da Huila". 333(1-7 Forsgren-WI)[Just when I was becoming convinced this was Luanda!-ed.]
- 5191.2 0530 ER do Moxico: PP; lively lcl mx, M partial ID @0534, drums, into anti-imperialist rhetoric. QRM VOA feeder. 222(2-18 ed.)
- 9535 0545 RN Angola: Vern; much yakking, PP pops, @0545 jingle/ID. fr(2-5 Sheedy-CA)
- 9719.8 0530 RN Angola: PP; W Jazzercise pgm, "...bom dia, Angola". (fr-gd 2-5 Sheedy-CA)
- 11955.2 0557 RN Angola: PP; IS, M "...Luanda, RN de Angola". poor(12-31 Wolfish-ONT)

ASCENSION ISLAND

- 6005 0100 BBC Relay: EE; nx abt nuclear shipment accident.353(1-13 Fraser-MA)
- 7105 0450 BBC Relay: EE; Economic Nx: record high Dow index. 433(1-14 Brown-IL)
- 7160 0430 BBC Relay: EE; "No Laughing Matter" pgm. 333(1-28 Janusz-NJ)(Preston-CA)
- 9515 0315 BBC Relay: EE; World Today: Albania. 444(1-31 Brame-IL)
- 9600 0502 BBC Relay: EE/FF; nx, Afr nx, into FF @0515. 444(1-15 Brown-IL)
- 9765 2204 BBC Relay: EE; nx, 24 Hours: SAF unrest. 454(1-21 Sampson-WI)
- 15105 1745 BBC Relay: PP; atop WHRI w/Big Ben chimes, M tlk. 343(1-23 Havrilko-UK)
- 15260 2035 BBC Relay: EE; cricket star w/transplant. 444(2-9 Orr-CA)(Brown-IL)
- 15285 1359 VOA Relay: EE; IS, ID and tone @ s/off 1400*. 232(2-2 Russell-AL)
- 15400 1508 BBC Relay: EE; nx: Waite abduction. 333(1-27 Curtis-TN)(Miller-CA)
- 17880 1709 BBC Relay: EE; African nx: Zambian food riots. 444(1-28 Curtis-TN)

BENIN

- 4870 0500 LV de la Revolution: FF; vy funky Afr mx, ID, into mix of hilife, reggae, & country (!) mx. 333(2-6 Brame-IL). 343(Thompson-CA). @2115..343(1-9 Russell-AL). 444(Havrilko-UK)

BOTSWANA

- 4820 0355 R. Botswana: SeTs; that marvelous IS to 0359, NA, M nx. 322(1-31 Thompson-CA). 353(Radtke-CA), 333(Sterling-NH). 252(Pogue-TN). @2100-2104*..242(D'Angelo-PA). 343(Havrilko-UK). 454(ODDX-VA)

BURKINA-FASO

- 4415 *0559 R. Burkina: FF; NA, ID, M dj pgm lcl mx. 433(1-10 Shaffer-PA). 332(Kolb-NM). 322(Wakefield-IA). 252(Sampson-WI). @2230..444(Robinson-TN)(Russell-AL)(Sterling-NH)(Havrilko-UK). 433(Bishop-NY). 353(D'Angelo-PA).343(ODDX-VA)

BURUNDI

- 3700 2054 RDif National(t): FF; barely audible M tlk, mx, carrier off @2102*. very poor(2-1 Daly-NY)

CAMEROON

- 4795 2103 R. Douala: EE; Afr nx, relay from Yaounde, FF @2115. 343(1-31 Soomre-MA)
 4850 0532 R. Cameroon: EE; nxcast to 0543, into Afr mx. fair(12-31 Wolfish-ONT)
 ● 5010 2100 R. Garoua: EE; ID, EE nx, tlk abt family planning. 443(1-21 Havrilko-UK).
 343(1-15 Bush-OH). 322(1-23 Bishop-NY)
 7150 0704 R. Douala: FF; mixed mx w/cheery M dj, mni ments Douala, Cameroon. Under
 BBC. 322(2-13 ed.)

CANARY ISLANDS

- 7450 2209 RExt de Espana Relay: SS; lite mx, definite Islas Canarias ID @2209. Re-
 check next day: regular REE to 2200*, nothing thereafter. 444(1-31 George
 -MA)[Test xmsn? Mistake? Fan mail from some flounder? -ed.]

CENTRAL AFRICAN REPUBLIC

- 5034 2145 R. Centrafrique: FF; nx abt Bokassa trial. 122(1-16 Sterling-NH). 433(2-
 1 Havrilko-UK)

CHAD

- 4920 0546 RN Tchadienne: FF; tribal mx. 322(2-3 Kolb-NM)
 4925 0515 RN Tchadienne: M tlk, item abt Cote d'Ivoire, mx to ID @0530. 343(1-28
 ed.). Jammer on both 4920 and 4925 tonite.(1-24 Daly-NY)[Libya is doing
 its best to make Chad unlistenable, with jamming here and on 7120. Chad
 has moved to 7100 (1000-1600), and was noted on 4898 on 2-2. Could now
 be anywhere in either general vicinity. -ed.]

EGYPT

- 9475 0301 R. Cairo: EE; interview w/a publisher, nx. [SIO??](1-20 Levison-PA). 333
 (Sterling-NH). 433(Miller-CA). @2026 in AA..333(1-24 Dillon-MD)
 ● 9655 2036 R. Cairo: EE; nx, mx, cmty on Islamic Conference. Ex-longtime 9805. 433
 (2-2 Thunberg-PA). 444(Robinson-TN). 422(Havrilko-UK)
 9755.8 1901 R. Cairo: AA; M tlk (nx?), into Qur'an @1910. 322(1-27 ed.)
 12050 2031 R. Cairo: AA; drama, mx, ID "min al-Qahirah", "Beautiful Language" pgm w/
 Faruq Shushah. 333(1-17 Dillon-MD)

EQUATORIAL GUINEA

- 4925 0610 RN Bata: vern; M ID, tlk, vocal music. 443(1-17 Havrilko-UK)
 5003.5 0616 RN Bata: SS; M "...R. Nacional de Guinea Ecuatorial", mx. 333(2-18 ed.).
 @2050-2159* s/off w/1-o-n-g NA. 222(1-10 D'Angelo-PA)

ETHIOPIA

- 5990 0434 VO Revolutionary Ethiopia: Amh?; oriental-style mx, M tlk vern, group vcl
 mx. //7110. 222(1-25 ed.)
 9560 1500 VORE: EE; ID as "...External Service of the Voice of Revolutionary Ethi-
 opia", into EE nx. 433(2-5 Kolb-NM). fair, lo mod(1-2 Wolfish-ONT)

GABON

- 4830 2037 Africa #1: FF; W "...music from Africa Number One", same in FF, Afropops.
 444(1-16 Havrilko-UK)(ODDX-VA)(Wakefield-IA). @0528..444(Preston-CA).
 443(1-20 Kolb-NM). 433(1-22 Brown-IL)
 6135 0640 Africa #1: FF; per tip from Westenhaver-QUE...see 11940. (SIO 322)
 9570 0656 R. Japan Relay: FF; JJ mx, ID, s/off @0659*. 444(1-24 Brown-IL)
 9630 *1700 AWR Relay: FF; religious pgm, "A-W-R" ID. 353(1-19 Card-RI)
 ● 9645 2324 R. Japan Relay: EE; DX Corner: interview w/SPEEDXer Ralph Famularo. 343
 (1-11 Westenhaver-QUE).(Neff-OH)(Hesch-NY)(Brown-IL)(Curtis-TN)(McEntee-
 TX)(Sable-PA)(Kline-CA)
 11705 1617 R. France Int'l Relay: EE; M world nx, ID, W more nx. 333(1-19 Thompson-
 CA). 433(1-21 Brown-IL)
 11940 0640 Africa #1: FF; M nx, theme mx @0641, ID, mx.//new 6135. 4830 not noted.
 353(2-18 ed.)
 17785 1520 R. Japan Relay: EE; M/W tlk abt Albania. 444(2-1 Havrilko-UK)

GHANA

- 3350 0600 GBC-1: EE; W ID, TC, nx: lcl man tried to sell his sister. 444(1-24 Hav-
 ● 3366 2240 GBC-2: EE; tribal mx, ID, nx hilites, more mx to 2258, then ID |rliko-UK)
 "This is GBC-2", sermon, s/off w/choral NA @2301*. 343(1-18 D'Angelo-PA).
 433(Bishop-NY). 444(ODDX-VA). 233(Gerstner-ND). @0638..343(Russell-AL)
 ● 4915 0706 GBC-1: EE; sexual adjustment [what?-ed.], nx, ID, into vern. 433(Neff-OH).
 (Havrilko-UK)(Brown-IL). @2137..433(Bishop-NY). 343(Sterling-NH)..more..

GHANA (cont.)

454(Wakefield-IA). 444(Robinson-TN). 344(Brame-IL). 242(ODDX-VA)

GUINEA4900 2208 R. Nationale: FF; nx w/correspondents' rpts; sports, ID @2228, into lcl vocal mx. 343(1-15 Thunberg-PA)IVORY COAST [Now called "Cote d'Ivoire, and will appear as such as of next issue.-ed.]
4940 2118 R. Cote-d'Ivoire: FF/vern; 2 M tkl in both languages. 433(1-23 Bishop-NY)KENYA4808 0558 VO Kenya(t): Swahili?; M tkl in language, into hilife mx, more tkl. Much QRN. 232(1-15 Thompson-CA)[May indeed be 4804 xmtr.-ed.]
4885 0458 VO Kenya: Swahili; group chants, brief ID by W @0500, more tribal mx, M ancr @0506, mx. Definite Kenya ID, but not sure if Nairobi or Mombasa... WRTH a bit iffy on who owns freq and when. 252(1-29 ed.)
6075 0421 VO Kenya: Swahili; W hosts pgm EAfr hilife, ID @0428 "sauti ya Kenya" foll by poss nxcst. QRM de DW, // weak 4934. fair(12-31 Wolfish-ONT)LESOTHO● 4800 0430 R. Lesotho: EE; M "good morning, and welcome to The World This Morning.", nx. 333(2-4 ed.)(Gerstner-NY). 343(Kolb-NM). 322(Pogue-TN). 232(Thompson-CA). 222(Dillon-MD)
6190 0400 BBC Relay: EE; Newsdesk; good 'til WRNO on @0402, pits thereafter. 343(1-24 Westenhaver-QUE)LIBERIA3255 2328 ELBC: EE; pop mx pgm hosted by M. RTTY/CW QRM. 333(1-23 Havrilko-UK)
3975 0714 Liberian Rural Communications Network: EE; end nx, LRCN ID, station lineup & chat by ancr, then taped ID, into Network Liberia pgm. weak(1-28 Sheedy-CA)[Nice one, Dan. LRCN is feeder to remote Liberian xmtrs-ed.]
3990 0414 VOA Relay: EE; cmty Lebanon situation. 222(1-29 Brown-IL)
● 4760 2128 ELWA: EE; end of rel b/c, full ID. 252(1-20 Fraser-MA). 233(Gerstner-NY). 333(Westenhaver-QUE)(Trotto-FL)
9550 1212 ELWA: FF; alternating IS/ID, into FF pgm @1214. Under RHC. 311(2-16 ed.)
(also mni logs VOA Relay: 6035, 6045, 7280, 15445, 15600, 17870, from Brown-IL, Brame-IL, Sampson-WI, Wakefield-IA, Curtis-TN, and Robinson-TN)LIBYA● 7245 2205 R. Jamahiriyyah: EE; "Imperialism, the Root of Global Problems" pgm [funny, I always thought megalomaniacs were the Root of Global Problems-ed.]. 323(2-1 George-MA). 534(Walley-CA). 444(Curtis-TN). 434(Brame-IL). 343(Westenhaver-QUE). [announces 11815 which is inaudible-ed.]MADAGASCAR● 4960.9 *0158 R. Madagasikara: Malagasy; short orch IS, choral NA @0159, M clr ID, right into bouncy mx. 333(2-16 ed.) basically ditto...does Malagasy sound like French? 322(12-29 Ross-ONT).[A bit similar rhythmically.-ed.]
9540 2030 R. Nederland Relay: EE; Happy Station. 444(1-18 Brown-IL)(Trotto-FL)(Havrilko-UK)(Fraser-MA)(Brame-IL)
15570 1630 RN Relay: EE; Happy Station. 354(1-18 Walley-CA)(Brown-IL)(Brame-IL)MALAWI5995 0405 MBC: Chichewa; nx w/EE ads, EE ID @0405, Chich ID "ya..MBC". VOA inna hole. fair(2-7 Sheedy-CA)MALI● 4783.5 0702 RN du Mali: FF; M tkl, mni drum breaks, ID @0708, tkl to 0715, finally mx! 333(2-6 Thompson-CA). 343(Wakefield-IA)(ODDX-VA). 423(Sterling-NH)
4834.8 2056 RN du Mali: FF/vern; M/W tkl vern, lcl mx, FF ID@2104. 444(1-16 Hav'ko-UK)MAURITANIA4845 2100 RTV Mauritanie: AA; indig mx, ID @2103, tkl, Qur'an. 333(1-5 Soomre-MA). 433(Havrilko-UK)(Bishop-NY). 343(Wakefield-IA)MAURITIUS4855.3 2103 MBC: FF; live New Years' Eve dance party, with M & W ancrs and crowd singing along w/records by Joan Jett, Pink Floyd, and the Police. Lo mod and UTE QRM. Very poor(12-31 Wolfish-ONT)[Terrific logging!-ed.]

MOROCCO

- 9575 1915 R. Medi Un: FF; M dj w/rock & AA mx, ID & nx @1945, into AA @2000. Very weak. 141(1-2 Carlisle-WA)
 15335 1530 RTV Marocaine: AA; W recitation, M interview, ID @1600. 343(1-18 George-MA)
 17595 1632 RTVM: AA; M tlk, W ID @1641 "Itha'atu ul-Mamlakat il-Maghrebiyyah". 343 (1-26 Dillon-MD). @1455..333(1-31 Westenhaver-QUE)
 [Also VOA logs 11760, 17855 from Sampson-WI, Fisher-NM, Curtis-TN, and Sheedy-CA]

MOZAMBIQUE

- 4865.7 2054 R. Mocambique: PP; EE pop song, 4-note gong, ID, into nx. UTE QRM. poor (1-1 Wolfish-ONT). @0316..333(2-5 ed.)
 4925 0550 R. Mocambique: PP; M ancr, abrupt off @0555, back w/IS @0600, full ID @ 0605, ancr, mx. 343(1-24 Trotto-FL)

NIGERIA

- 4770 0630 R. Nigeria-Kaduna: EE; US soul mx w/occasional voice-over IDs. 322(1-24 Janusz-NJ). 222(Preston-CA). 233(Gerstner-NY). 333(Brown-IL). 343(Hav-UK)
 7255 2158 VO Nigeria: FF; caught W w/s/off anmts, tlkg drums, NA, 2201#. 222(1-28 Westenhaver-QUE). @0628..544(Russell-AL). 433(Brown-IL)
 11770 1722 VO Nigeria: EE; hilife mx, IS @1730, TC lcl/UTC, nx. 443(1-14 Thompson-CA)

RWANDA

- 3330 0406 R. Rwandaise(t); vern; M ancr w/quiet mx. Still no copy despite holding own w/CHU. 211(1-11 George-MA)
 [Deutsche Welle Relay rpts on 7225, 9640, 9690, 11945, and 15275, by Wright-MB, Brown-IL, W'haver-QUE, McEntee-TX, and Orr-CA]

SEYCHELLES

- 7275 0200 FEBA: Telugu; M"The following b/c is in Telugu", IS. 242(1-15 Bair-CA)
 9510 1730 FEBA: Orono?; IS/IDs to 1733, ID, W w/prayer, hymn. 333(1-10 W'haver-QUE)
 9610 0354 FEBA: AA?; IS, M "Huna Feeba", mx & tlk. 333(2-12 ed.)

SOUTH AFRICA

- 3215 0345 R. Oranje: EE/Afk; pop mx, W meditation @0400.[SI0?](1-25 Shaffer-PA). 222(1-7 Brown-IL)
 3320 2145 R. Orion: EE; ID "Radio Orion", pop mx program w/ W dj. 233(1-13 Gerstner-3955 0140 R. Orion: EE/Afk; EZL & C/W mx w 2 djs (one for each lang). clear ID [NY] @0159. 322(1-18 Dillon-MD). 322(Brame-IL)(Hardester-PA).
 4880 0419 R. Five: EE; Breakfast Show, contest, Movie ad, Valvoline ad. 554(1-19 Pogue-TN). 454(Kolb-NM). 444(Preston-CA). 433(Ross-ONT)(Brown-IL). 343 (Hardester-PA). 352(Carlisle-WA). @2150..444(Gerstner-NY)
 4945 1615 R. RSA: Lozi; M dj, hilife/reggae mx, ID @1700. 242(1-3 Carlisle-WA)
 4990 0300 R. RSA: EE; M w/nx & ID @0300--nasty het! 342(1-5 Carlisle-WA)
 6010 0200 R. RSA: EE; hrd by Miller-CA, Valentine-CA, Coleman-MA, Wright-MB, Wakefield-IA
 6185 0200 R. RSA: EE; Black education in Africa. 545(Robinson-TN)(Kolb-NM)
 7149 0506 Capital Radio: EE; pop mx, wx various towns, ads, promos. 333(2-4 ed.)
 7270 0401 R. RSA: EE; Nx, sports. 433(1-21 Brown-IL). 444(1-17 Robinson-TN)
 9610 0006 R. RSA: SS; Afr nx. 343(1-26 W'haver-QUE). 555(1-20 Robinson-TN)
 9615 0200 R. RSA: EE; reports from Dillon-MD, Brown-IL, Neff-OH, Langlois-FL
 11900 2000 R. RSA: EE; reports from Sampson-WI, Dillon-MD, and Brown-IL
 21590 1517 R. RSA: EE; Sounds of Soweto mx pgm. 343(1-11 Brown-IL)

SOUTH WEST AFRICA

- 3270 2333 R. SWA: Afk; usual EZL mx pgm. 343(1-23 Havrilko-UK)
 3295 0345 R. SWA: Afk; mx, ID @0359. 333(1-16 Sterling-NH). @2245..544(ODDX-VA)

SWAZILAND

- 4980 2024 Swazi Com'l Radio: EE; gospel pgm, TC & ID @2025, then off. vy pr(1-19 Daly 9550 1911 TWR: FF; IS/EE IDs to 1915, FF rel pgm. 322(1-11 Westenhaver-QUE). [-NY] 533(2-4 Havrilko-UK)

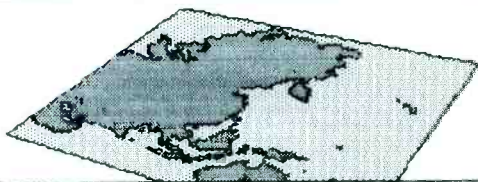
TANZANIA

- 4785 0622 R. Tanzania: Swahili; M w/newscast. 333(date? Kolb-NM)
 5050 0258 R. Tanzania: Swahili; choral mx, W "Dar-es-Salaam" ID, into chant. poor(1-20 Daly-NY). @0425-0434* in LSB..233(1-29 ed.)
 11734.2 1701 R. Tanzania-Zanzibar: Swahili; nx drom Dar-es-Salaam to 1715, then clear ID; interviews 'til KCBI @1755. 222(1-10 Forsgren-WI). 353(2-5 Havrilko-UK). @1642 'til KCBI 1645. 222(1-25 ed.)[Now Abu Dhabi has moved onto 11735, making a difficult catch even more so.-ed.]

HEAR AFRICA

I realized this month that trying to cram further changes into the List which last appeared here in November was a lesson in futility. Therefore, I give you the latest Afro Tropical List, compiled via SPEEDX logs, personal monitoring, WRTH, RDI, DXLD, DSWCI, CIDX, Media Network, SCDX, SWLD, WOR, and vicious rumors.

2496	Madagascar (02-05, 13-21)	4810	R. RSA (1958-2156)
3200	TWR Swazi (0400-0430)	4815	Burkina (0559-09, 17-0002)
3205	TWR Swazi (0430-0530, 17-2015)	4820	Botswana (0348-11, 15-21)
3210	Mozambique (a1855)		Huila, Angola (04-23)
3215	Oranje, RSA (0300-2008)	4825	Tanzania (0330-0430, 1530-1915?)
3222	Kara, Togo (0525-09, 1630-2305)	4830	ANO, Gabon (05-08, 17-23)
3230	ELWA, Liberia (0610-08, 1805-2227)	4834.8	Mali (06-08, 18-24)
	R. RSA (03-0426, 1658-1756, 19-20)	4839	Zaire (0359-07, 10-1245, 1530-1830)
3232	Madagascar (1500-1900)	4845	Mauritania (06-0830, 17-00)
3240	GBC-1, Ghana (0530-0615) alt. 3350	4848	Uige, Angola (05-23)
	TWR Swazi (0330-0345, 05-0530)	4850	Cameroon (04-07, 1630-00)
3255	ELBC, Liberia (0455-09, 19-00)	4855.3	Mauritius (1300-1900)
3260	Niger (0530-2300)	4860	LundaSul, Ang. (0430-1700)
3270	SW Africa (1630-0630)	4865.7	Mozambique (0255-0530, 15-2205)
3275	TWR Swazi (03-0345)	4870	Benin (05-08, 11-14, 16-23)
3280	Beira, Moz. (0255-05, 15-20)	4872	Quelimane, Moz(04-07, 10-2215)
3287.8	Madagascar (02-05, 15-21)	4880	R. 5, RSA (03-0520, 1555-2200)
3290	Tristan (16-17 M-F, 1945-22 M/W/F)	4885	Zaire, Ang.(05-13, 17-22)
3294	Zambia (0355-0530, 1530-2105)		Kenya (0250-0630, 1420-2015)
3295	SW Africa (1630-0630)	4890v	Senegal (06-08, 18-00)
3300	Burundi (03-07, 16-21)	4896	Bie, Angola (0430-2300)
3305.7	Zimbabwe (0325-0615, 1545-22)	4900	Guinea (06-08, 1230-0000)
3320	Orion, RSA (1930-0300)	4910.2	Zambia (0355-0530, 1530-2105)
	SABC (03-0555, 1535-1930)	4915	GBC-1 (0530-09, 12-2304)
3326	Nigeria (0430-10, 17-2310)	4920v	Libya (pgms/jamming against Chad)
3330	Rwanda (03-06, 09-12, 1330-21)	4925	Inter, Moz(0255-0630, 15-2205)
3330.8	Comoros(03-05, 16-19)		Chad (05-0730, 16-22)
3335	TWR Swazi (1730-1830)	4925.6	Eq. Guinea (05-0630, 16-22)
3347.2	Inter, Moz.(0255-0530, 15-2205)	4934v	Kenya (02-0630, 1330-2010)
3346	Zambia (0355-0530)	4935	SW Africa (0630-1630)
	Huambo, Angola (19-21)	4940	Cote d'Ivoire (06-0000)
3350	GBC-1 (0530-0615) alt. 3240	4941	Malanje, Ang. (05-23)
3356	Botswana (0348-07, 15-21)	4945	R. RSA (1458-1958)
3365	TWR Swazi (1730-1832)		RN Angola (a1600+)
3366	GBC-2 (0530-09, 17-23)	4950	Kenya (1430-1910)
3390.1	CANDIP, Zaire(0430-0645, 1630-20)	4952.7	Angola (18-0530)Luanda? Huila?
3395.7	Zimbabwe(0325-0530, 1530-22)	4960.9	Madagascar (02-05, 15-21)
3578.3	RN Angola (24h?)inactive?	4965	SW Africa (0630-1600)
3927.3	Cap. R., Transkei (04-0530, 1530-17)	4969.8	Cabinda, Ang. (0500v-2100)
	Southern Sounds (17-04)	4970v	Cameroon (0430-08, 16-2230)
3931v	Cape Verde (18-01)	4976	Uganda (03-0545, 13-2102)
3955	SABC(03-0615, 1515-1930)	4980	Swazi CR(05-06, 1630-2030)
	Orion, RSA (1930-03)	4990	Nigeria (0430-2310)
3970	Buea, Cam.(0430-08, 1630-23)		R. RSA (0400-0530)
3975	LRCN, Liberia (a0700)irregular	5003.5	Eq. Guinea (05-0630, 16-22)
3990	VOA Liberia (03-0415, 06-08)	5010	Garoua, Cam. (0425-07, 1630-2315)
3994	Huila, Angola (04-23)	5020	Niger (0530-2300)
3999.2	LRCN, Liberia (irreg)	5026	Uganda (03-06, 13-21)
4000	Bafouss, Cam.(0425-0805, 16-2302)	5034.3	C.A.R. (0430-07, 1630-23)
4750	Bertoua, Cam.(0425-08, 16-2214)	5038.8	Sudan (04-16) irreg.
4751	Zaire (0357-07, 10-13, 15-21)	5043.4	Benguela, Ang. (0430-23)
4760	ELWA, Lib(06-08, 19-2230v)	5047	Togo (0530-08, 17-0005)
	TWR Swazi(03-0330, 04-05,1530-17)	5050	Tanzania (03-0434, 13-2015)
4770	Kaduna, Nig.(0430-2305)	5055	TWR Swazi (05-0835, 16-1645. 1745-1815)
4772.1	LundaNorte, Ang(05-0730)	5062.1	Huambo, Ang. (04-23)
4777	Gabon (0430-0630, 16-24)	5066.4	CANDIP, Zaire (0325-07, 1430-2000)
4780	CuandoCub, Ang(05-13, 16-23)	5191.2	Mexico, Ang. (05-10, 12-23)
	Djibouti (03-1902)	5288.5	Mondou, Chad (05-08, 14-18)
4783.4	Mali (06-08, 18-02)	5405.2	Namibe, Ang. (05-23)
4785	Tanzania (03-21)		
4795	Douala, Cam.(0425-0645, 1630-2310)		
4800	Lesotho (0300-2200)		
4808	Kenya? (02-0630, 13-2010)		



ASIA/OCEANIA

Bob Thunberg
409 Burt Street
DuBois, PA 15801

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

As mentioned last month, I have been working on a new A/O column format which would include all contributor's loggings as well as DX news received from various sources in my allotted six pages. So, with tentative approval from the Managing Ed. and the Publisher, I am introducing a major change this month. All loggings will be in frequency order, as opposed to the standard SPEEDX by-country format. By using this system, I won't be utilizing valuable space to type in the A/O country names. In an attempt to save even more space, some country/station names will be abbreviated as in previous A/O columns. These abbreviations will be of only the larger A/O SW broadcasters, and to avoid confusion among A/O readers, I will now list them: PRC=People's Republic of China; BBC=British Broadcast Corp; AIR=All India Radio; RRI=Radio Republik Indonesia; VOIRI=Voice of the Islamic Republic of Iran; RJ=Radio Japan; VOA=Voice of America; FEBC=Far East Broadcast Co; BSKSA=Broadcast Service of the Kingdom of Saudi Arabia; VOFC=Voice of Free China; RM=Radio Moscow and RA=Radio Australia; PNG= Papua New Guinea.

As yet, I'm not sure if this new format will actually save space, but the only way to find out is to try it, so here goes...

FREQ	TIME	COUNTRY-STATION-LANGUAGE-TRANSMISSION DETAILS	CA)
2300	1410	KOREA (Dem. People's Rep.): KCBS Hyesan: KK: choral mx w/OM(243 1/15 Bair-	
2310	1257	AUSTRALIA: VL8A-Alice Springs: EE: pop mx; vy weak (151 1/21 Russell-AL)	
2325	1505	AUSTRALIA: VL8T-Tennant Creek: EE: pop mx pgm; // VL8K-Katherine on 2485 to 1500* (242 1/17 Bair-CA) @ 1254 (251 1/21 Russell-AL)	
2340p	1415	PRC: Fujian PBS-Fuzhou: CC: continuous OM tkl (353 1/15 Bair-CA)	
2475t	0933	AUSTRALIA: VL8K-Katherine: EE: pgm of hymns; "Northern Service ID hrd; Katherine off freq? (vy pr-pr 1/31 Wolfish-ONT)	
2475	1415	PRC: Zhejiang PBS-Hangzhou: CC: drama w/much laughter (252 1/15 Bair-CA)	
2485	1340	AUSTRALIA: VL8K-Katherine: EE: pop mx to 1430, ID, nx; 1500* w/freq sked (352 1/9 Carlisle-WA) (151 1/21 Russell-AL) CA)	
2490	1430	PRC: V. of Strait-Fuzhou: CC: OM speech w/crowd response; //3200 (353 Bair	
2850t	1205	KOREA (DPR): KCBS-Pyongyang: KK: tkl, lite mx, 1230 f/out (pr 1/19 Daly-NY)	
3235	1245	INDIA: AIR Gauhati: unid lang: drums & chanting, OM tkl; ID @ 1300, organ type mx (232 1/21 Trotto-FL)	
3260	1315	PNG: R. Madang: PD: choral mx, OM ancr; S-9 this AM (1/28 Rippel-VA)	
3275	1325	PNG: R. South Highlands: PD: long tkl to 1345 f/out (1/28 Rippel-VA)	
3315	1227	PNG: R. Manus: PD: choral mx; riding grayline peak (1/28 Rippel-VA)	
3325	1245	PNG: R. North Solomons: PD: lcl island mx (??? 1/25 Rippel-VA)	
3335	1035	PNG: R. East Sepik: PD: EE relig, C&W mx, ID into nx @ 1100 (352 1/18 Carlisle-WA) (1/25 Rippel-VA)	
3345	1247	INDONESIA: RRI Ternate: IN: Indo pops, 3 tones @ 1300, brief gamelan mx, OM w/ID & lcl nx (332 1/10 Forsgren-WI)	
3350p	1510	KOREA (DPR): S. Pyongyang PS: KK: OM tkl, class mx (222 1/15 Berri-CA)	
3365	1342	PNG: R. Milne Bay: EE: lcl mx, ID, s/off anmts, anthem & 1400* (222 1/23 Forsgren-WI)	
3385	1215	PNG: R. East New Britain: PD: mx to 1230, YL tkl (??? 1/28 Rippel-VA)	
3535	1355	PRC: V. of Strait-Fuzhou: CC: pop vcl mx; ID "Haixia...guangbo diantai" German & Portuguese songs (232 1/19 Sharpe-CA) //3300 (232 1/24 Bair)	
3905	1240	PNG: R. New Ireland: PD: mx pgm; "bing bong" chime @ 1300 w/ID; best gray-line morning yet! (1/28 Rippel-VA)	
3915	1610	SINGAPORE: BBC: cmt y on Islamic summit in Kuwait (454 1/24 Bair-CA)	
	2240	BBC: EE: drama pgm (332 1/23 Havrilko-UK)	
3920t	1510	KOREA (DPR): KCBS: KK: tlks, orch mx; ARO QRM (222 1/5 Berri-CA)	
3925	1435	JAPAN: Nihon SW Bcast: JJ: EE lang lesson (544 1/15 Bair-CA)	
4002.7	1520	INDONESIA: RRI Pandang: IN: pop mx, tkl; "Song of Coconut Is.", ID & nx @ 1530; QRM de "k" beacon (333 1/5 Berri-CA)	

4450 1910 USSR: R. Afghanistan: unid lang: Mid East style mx; // better 4740 (232 11/23 Burnell-NF) old but Jean mailed his loggings to Peggy in early Dec and she didn't receive them until 10 Jan.

4460 1148 PRC: CPBS-1: OM tlk; //5320,5860,5880,6665,7935,7504 (pr 1/27 Daly-NY)

4485t 1153 USSR: Kamchatka Radio: RR: lite mx, 6 TPs @ 1200 (pr 1/27 Daly-NY)

4500t 1506 PRC: Xinjiang PBS-Urumqi: CC: YL tlk under VNG (322 1/21 Berri-CA)

4607 1421 INDONESIA: RRI Serui: IN: 1cl pops; network ID @ 1428 (242 1/23 Thompson-4719.2

1440 INDONESIA: RRI Ujung Pandang: IN: Indo instl pop mx; ID TC, "SCI" & nx (242 1/19 Sharpe-CA) (433 1/14 Thompson-CA) (vy pr 1/19 Daly-NY)

4725 1300 BURMA: Burma Bcast Svc: BURMESE?: mx, OM tlk (353 1/23 Radtke-CA) chimes & mx intro to OM tlk (353 1/24 Bair-CA)

4735t 1516 PRC: Xinjiang PBS-Urumqi: UIGHUR (listed): YL tlk (222 1/21 Berri-CA)

2358 CC?: vcl mx, YL tlk (444 1/23 Havriiko-UK) 87 RDI lists UIGHUR lang here but no R. Beijing on this freq..ed.

4740 1913 USSR: R. Afghanistan (via Ashkhabad?): AA-sounding lang: RR class mx; nx @ 1923; S/off w/ment of "Afganistan" & IS @ 1930 (332 11/11 Burnell-NF)

4753 2150 INDONESIA: RRI Ujung Pandang: IN: AA-typc & krongcong mx, RRI ID, "SCI" into Jakarta nx @ 2200 (good 12/31 Wolfish-ONT)

4760 0005 PRC: Yunnan PBS: CC: CC mx, YL & OM w/nx; RTTY QRM (433 1/24 Havriiko-UK)

4789t 1335 INDONESIA: RRI Fak-Fak: IN: western pop mx; soft spoken YL @ 1355 (swore I hrd "Fak-Fak"!), flute mx & 1400* (222 1/13 Forsgren-WI)

4790.6 1750 PAKISTAN: Azad Kashmir Radio: URDU?: sub-cont. mx, nx by YL @ 1800, Qur'an & 1813* (142 11/23 Burnell-NF)

4795 2209 USSR: RM: EE: nx, "Looking to Third Millenium"; //4060. Have hrd domestic pgms on this freq (322 11/9 Burnell-NF) Acc. to report on DX PARTYLINE, RM uses six 60m freqs: 4895, 4860, 4795, 4060, 4045, & 4030...ed.

4795 0247 USSR: Mayak: RR: lively RR mx, Mayak IS @ 0300 (fr 12/31 Wolfish-ONT)

4800 1816 INDIA: AIR Hyderabad: EE: intvw w/Gorbachev, ID @ 1821 & off (Burnell-NF)

4810 t 2059 USSR: Yerevan: unid lang: tlk, Kremlin bells, anthem (pr 1/18 Daly-NY)

4835 1515 E.MALAYSIA: R. Malaysia-Kuching: MALAY: tlk, mx incl some in EE (544 1/24 Miller-CA)

4845 1440 PENINSULAR MALAYSIA: R. Malaysia-Kajang: TAMIL (listed): S.Asian mx, tlk, prayer, ID, NA & 1501* (433 1/28 Berri-CA)

4875nf 1450 PRC: CPBS-Beijing: CC: tlks, mx, ID & nx by OM (433 1/22 Berri-CA)

4890 1320 PNG: NBC Port Moresby: EE: pop mx, RTTY QRM (443 1/28 Miller-CA) (212 1/21 Russell-AL) @ 0905 (?? ? ? George-MA)

4895 1431 E.MALAYSIA: R. Malaysia-Kuching: IBAN (listed): unprofessional OM DJ steps all over rock mx; ments of Kuching & Malaysia (343 1/23 Thompson-CA)

4895 0320 UNIDENTIFIED (poss. USSR): lang: OM tlk (vy pr 1/20 Daly-NY) RM uses freq but only listed 1600-2230 to Romania & Albania...ed.

4915 1530 PRC: Guangxi PBS: CC: drama-type pgm (444 1/24 Miller-CA) IA)

4920 0800 AUSTRALIA: VLM4-Brisbane: EE: nx, tlk on Liberal Party (222 2/2 Wakefield-4920p

1456 USSR: Yakut Radio: RR: mx, chimes @1500, tlks btwn "Blue Danube" excerpts QRM de USB SS stn (322 1/7 Berri-CA) WA)

4931.6 1645 INDONESIA: RRI Surakarta: IN: pop mx, ID @ 1659, nx & 1711* (353 Carlisle-4940t

1445 USSR: Yakutsk: RR/1cl lang: tlks, RR EZL mx; chimes for 6pm Moscow time (344 1/16 Berri-CA)

4950 1417 E.MALAYSIA: R. Malaysia-Kuching: EE: nx by YL, IDs (222 1/13 McEntee-TX) @ 1503 EE: stock report. pop mx (333 1/19 Sharpe-CA) pop mx, ID, NA & 1558* (433 1/14 Zirkelbach-CA) (444 1/18 Walley-CA) (1/24 Miller-CA)

4970 1420 E.MALAYSIA: R. Malaysia-Kota Kinabalu: MALAY: YL tlk, pop & EZL mx; ID, TPs & nx(?) @ 1430 (333 1/30 Berri-CA)

4990t 1320 IRAN: VOIRI: AA?: Qur'an, OM tlk; fading by 1323; faint jamming (211 1/10 Forsgren-WI)

5052 1515 SINGAPORE: Singapore Bcast Corp: EE: pop mx pgm; TPs @ 1600, nx, s/off anmts, NA & 1604* (232+ 1/25 Allen-CA) (121 1/23 McEntee-TX)

5075 0853 PRC: CPBS Urumqi: EE/CC: old US recordings of "White Christmas" & "Jingle Bells"-YL repeated words in EE; CC ID (343 12/21 Huffaker-MEX) Carl mailed this log on 22 Dec but not recvd here till 7 Feb!..ed.

5885 0200 ISRAEL: Kol Israel: EE: tlk of Hebrew Univ. (545 1/17 Robinson-TN) @ 0017 EE (433 1/20 Bishop-NY)

5905 1825 USSR: RM Khabarovsk: EE: "News & Views"; //5920,5950 (555 1/23 Miller-CA)

5945 1332 USSR: R. Tashkent: EE: call for nuclear disarmament (333 1/18 Kolb-NM)

5975 1300 PRC: R. Beijing: KK: ID, nx (454 12/31 Uetake-JP)

5975 1635 KOREA (REP. OF): R. Korea: EE: pgm on S. Korean singer (343 1/19 Walley-CA)

5990 1535 JAPAN: RJ: tlk on housing in Japan (454 1/26 Kolb-NM)

1708 RJ: EE: nx, "Current Affairs" (434 1/18 Walley-CA)

5990 *1730 USSR: Unid QTH (poss. Nikolayevsk...ed.): RR: Moscow time & RM IS; nx, RR pop mx; Mayak ID; hrd after R. Japan 1730* (343 1/19 Sharpe-CA)

5995 1130 AUSTRALIA: RA: EE: tlk of Cook Islands; mx from W. Austl. Symphony (444 2/6 Robinson-TN) tlk on plans for Austl' OTH radar system (that's all we need! ed.) (343 1/22 Westenhover-QU) "Homefront" (353 1/8 Wright-MB)

6035 1710 USSR: RM Vladivostok: RR: Dom. Svc. pgm of pop mx, tlks (433 1/11 Berri-CA)

6060 1245 AUSTRALIA: RA: EE: "Sports Magazine" (333 1/17 Dillon-MD)(322 Janusz-NJ)

6060 *1030 USSR: Mayak via Unid FE site: RR: Mayak IS, TC for 1330 Moscow time, ID; ILC lists as 1/2 hr fill btwn KK bcasts (242 1/28 Westenhover-QUE)

6080 1205 AUSTRALIA: RA: EE: "National Report" to Asia/FE (433 Hesch-NY)

6087p 1718 TAIWAN: Central Bcast System-Taippei: CC: soft mx, YL tlk; some jamming but not totally blocked (322 1/11 Berri-CA)

6095 1511 USSR: RM-unid QTH: nx on Soviet overtures to S. Pac Islands; 1st time hrd here, //6155,5950,5905 (243 1/14 McEntee-TX) MD)

6110 1229 PHILIPPINES: VOA: EE: "Studio One" on Martin Luther King (232 1/18 Dillon-)

6140 1015 AUSTRALIA: VLW6-Perth: EE: "ABC" ID, pop mx (343 1/26 Sampson-WI)

6155 0835 JAPAN: Far East Network: EE: US Armed Forces nx, mx (333 1/2 Walley-CA)

6185 1150 PHILIPPINES: VOA: CC: EE lang lesson, IS (232 1/18 Dillon-MD)

6210nf *2016 IRAN: VOIRI: FARSI: abrupt s/on w/tlk & EZL mx; full ID @ 2028, chimes & presumed nx (433 2/3 Westenhover-QU) Bill says that acc. to report on SCDX, VOIRI FARSI svc here 2015-2230, //9022 & 15084

6280 0512 LEBANON: V. of Hope: AA: AA mx, ID @ 0515, instl mx (343 1/29 Trotto-FL)

6340p 1450 TURKEY: Turkish Police Radio: TURKISH: non-stop Turk. & ME mx; only stn listed on this freq (343 2/1 Havrilko-UK)

6540 1350 KOREA (DPR): R. Pyongyang: JJ: Korean mx (454 1/1 Uetake-JP)

6548.7 1455 LEBANON: R. V. of Lebanon: AA: YL ancr; Ute QRM (332 2/1 Havrilko-UK)

6860 1748 PRC: R. Beijing: RR: YL tlk, IS; no jamming (333 1/25 Berri-CA)

2100 R. Beijing: EE: wld & lcl nx, cmtly on 1987-Year of Peace (232 1/1 Soomre-MA) swimming event held in frigid waters (233 1/14 Gerstner-NY) MD)

7120 1229 AUSTRALIA: RA: CANTONESE: tlk, orch mx, ID, dulcimer mx (333 1/10 Dillon-)

7120 2245 IRAQ: R. Baghdad: EE: ID, anthem & 2246* (333 2/7 McEntee-TX)

7130 1115 TAIWAN: VOFC: JJ: "Letterbox" pgm (454 1/2 Uetake-JP)

7170 0616 NEW CALEDONIA: R. Noumea: VERN: island mx (333 1/20 Kolb-NM) FF @ 0635 w/ spts scores (333 1/15 Thompson-CA) jazz & pop mx (fr 12/31 Wolfish-ONT)

7170 1247 USSR: RM-Krasnoyarsk: CC: RR instl mx, IS @ 1259 (333 1/10 Dillon-MD)

7180 *2210 CYPRUS: Cyprus Bcast Corp: GK: guitar IS to 2215, radio drama; disco-type mx, anmts & 2244* w/out fanfare (444 11/29 Burnell-NF)

7190 1951 YEMEN (PDR): Dem. Yemen Bcast Service: AA: YL tlk mingled w/strident songs & gunfire; AA mx after 2000, ID @ 2017 (433 1/23 Westenhover-QUE)

7215 1100 AUSTRALIA: RA: EE: cricket nx; Dolly Parton song (545 1/16 Robinson-TN) report on aftermath of America's Cup race (433 2/7 Brown-IL)

7215 2106 TURKEY: V. of Turkey: EE: nx, Press Review, Turk. mx (444 1/14 Gerstner-NY) Turk. mx; 2150*, IS & into FF @ 2200 (333 2/8 Weikel-MI) MD)

7235t 1306 INDIA: AIR Madras: Indian mx w/YL; hvy ARO QRM & no ID hrd (322 1/10 Dillon-)

7240 1145 JAPAN: RJ: EE: Nakasoni's appeal for East-West summit; into JJ @ 1200; // much weaker 9695 (454 1/15 Bair-CA)

7260 0705 VANUATU: R. Vanuatu: VERN: YL w/wld nx, drums & ID @ 0720; Polynesian mx (fair 1/31 Shimada-JP)

7275 1552 KOREA (REP. OF): R. Korea: EE: US military projects in Asia (333 1/9 Walley-CA) @ 0815 in EE w/cmtly (454 1/5 Uetake-JP)

7295 1259 GUAM: KSDA: KK(?): IS, YL w/ID; hrd over co-channel R. Milano (444 2/3 Havrilko-UK) this freq not listed in any skeds I've seen for KSDA-maybe a test xmsn?...ed.

7310 1135 USSR: RM via unid QTH: CC: RR pop mx; "Mosuko gaungbo diantai" ID @ 1137; // stronger 7170 (242 1/15 Westenhover-QUE)

7410 *0458 ISRAEL: Kol Israel: EE: IS, ID, nx (222 1/23 Brown-IL)

7445 1600 TAIWAN: V. of Asia: EE: tlk abt peace; QRN & QRM (222 1/14 Zirkelbach-CA)

7455 2013 SYRIA: R. Damascus: EE: nx, ID, mx; //12085 (454 1/30 Havrilko-UK)

7465 0030 ISRAEL: Kol Israel: HB: ID, nx & spts (545 2/8 Robinson-TN)

0106 EE: nx of Israel (444 1/7 Hesch-NY) "Israel Sounds" (343 1/20 Janusz-NJ)

0215 EE: problems in settlements (444 1/18 Goodman-IA) (252 1/19 Wright-MB)

2245 EE: tlk of Col. North & Contras (443 1/3 Neff-OH) (555 1/20 Robinson-TN)

7480 1410 PRC: R. Beijing: JJ: "Letterbox" pgm (454 1/14 Uetake-JP) rilko-UK)

7505 1843 BANGLADESH: R. Bangladesh: EE: lcl nx, tlk on Islamic summit (433 2/4 Havrilko-UK)

8300 1350 PRC: New Star B.C. #4: MANDARIN?: YL reading numbers(?): bits of intermittent mx; fading by 1420 & Ute QRM (242 1/15 Carlisle-WA)

9022 1938 IRAN: VOIRI: EE: nx, cmtly; sked & address into FARSI @ 2030; best ever on this freq (322 1/17 Evans-TN) anti-US cmtly (433 1/24 Langlois-FL)

9080 1725 PRC: CPBS-1: CC: CC vcl mx & tlk; 1730* (433 1/24 Zirkelbach-CA)

9325 1508 KOREA (DPR): R. Pyongyang: EE: nx abt Korea (333 2/1 Havrilko-UK)

9385 1800 ISRAEL: Kol Israel: EE: US Navy 6th Fleet in Med. (454 2/4 Havrilko-UK)

2050 Reshet Bet: HH: folk mx, ads, ID & nx @ 2100 (444 1/17 Shaffer-PA)

9435 2000 ISRAEL: Kol Israel: EE: "Calling All Listeners" (454 1/18 Fraser-MA)
2230 EE: "Nx From Jewish World" (343 2/5 Kolb-NM) (444 1/24 Langlois-FL)
0115 EE: requested mx played, ad (433 1/23 Zirkelbach-CA)

9505 2307 AUSTRALIA: RA: THAI: wld nx, ID; //15380 (343 1/31 Westenhaver-QUE)

9505 2005 JAPAN: RJ: JJ: ID, C&W mx w/EE lyrics (443 1/25 Miller-CA) (Brown-IL)

9525 0415 JAPAN: RJ: EE: tlk on Japanese film industry; "Japan Travelogue" (333 2/3 Preston-CA)

9530 0235 USSR: unid FE site: RR: Tanzanian correspondent's report; pop mx; Moscow TC; talk show w/listener's phone-ins (333 1/25 Sharpe-CA)

9535 1150 PRC: R. Beijing: EE: "Learn to Speak Chinese" hrd under SRI in FF (222 1/12 Westenhaver-QU) CC class mx (443 1/12 Fraser-MA)

9535 1648 QATAR: Qatar Bcast Svc: AA: AA vcls; 6 TPs @ 1700, ID & nx by OM (333 1/11 D'Angelo-PA) CA)

9545 0522 SOLOMON ISLANDS: SIBS: EE/PD: messages, pop mx, lcl TC (132 1/25 Preston-0032
PRC: R. Beijing: EE: cmt, vcl mx (??? 1/18 Levison-PA)

9550 1321 EE: flood control on Yellow River (433 2/4 Kolb-NM)

9560 2300 TURKEY: V. Of Turkey: EE: Tourism in Turkey (545 2/7 Robinson-TN) pgm on Turkish nation in 7th & 8th centuries (443 1/12 Fraser-MA)(Wakefield-IA)

9565 1256 USSR: R. Peace & Progress: CC: EZL Mx, closing anmts, clarinet IS, RM IS, and into RM VV svc @ 1300 (343 1/25 Westenhaver-QU)

9570 1600 PRC: R. Beijing: EE: Mugabe visiting China (423 1/19 Walley-CA)

9570 1430 KOREA (REP. OF): R. Korea: EE: "Seoul Calling" (555 1/22 Miller-CA)

9580 0800 AUSTRALIA: RA: EE: live coverage of America's Cup (344 1/31 Preston-CA)

1400 EE: wld nx, "Australia Tonight" (444 2/2 Miller-CA)

9600 1200 USSR: R. Tashkent: EE: DX Club pgm (545 1/18 Robinson-TN)

9610 1130 AUSTRALIA: VLW9-Perth: EE: tlk on Austl' TV & satellites (545 2/8 Robinson-TN) "6WF going stereo next week"; ABC nx @ 1400 (243 1/19 Westenhaver ID "This is ABC Radio in the West": "Encounter" pgm (433 Dillon-MD)

9625 1455 CYPRUS: BBC: AA: hrd under co-channel AA stn (211 1/13 McEntee-TX)

9640 1600 UNITED ARAB EMIRATES: R. Dubai: EE: 91st ed. of "Mailbag" (343 1/11 Gerstner-NY) Arab Arts & Sciences (232 1/8 Wakefield-IA) AA @ 1616, // 11955 (222 2/4 Kolb-NM) EE @ 0329 w/nx of Iran/Iraq war (22 1/14 Brown-IL)

9645 0300 PRC: R. Beijing: EE: nx, CC folk tales (343 1/18 Wright-MB) NM)

9645 1800 SRI LANKA: VOA: EE: nx, tlk on economic aid; 1815 f/out (222 1/15 Fisher-1126
PHILIPPINES: R. Veritas Asia: KK: EE ID, YL w/KK sked (453 1/17 Kline-CA)

9650 0902 AUSTRALIA: RA: EE: Aquino calls for peace w/Communists (333 1/14 Brown-IL)

9655 1205 THAILAND: R. Thailand: EE: nx, mx incl instl version of "The Sting"; ID @ 1236 (342 1/30 Kline-CA) lcl mx, freq & time sked (353 2/1 Radtke-CA)

9665 1630 MARIANA ISLANDS: KYOI-Saipan: EE/JJ: rock mx, JJ ads (433 1/14 Zirkelbach-CA) (Wakefield-IA) ((Brown-IL)(Miller-CA)

9695 1700 JAPAN: RJ: EE: airport on manmade island off Osaka (333 1/27 Zirkelbach)

9710 0825 AUSTRALIA: RA: EE: nx, "Religion in Australia" (232 1/1 Janusz-NJ)

9710 1520 PHILIPPINES: R. Veritas: EE: wld nx; 1530* (322 1/20 Kolb-NM) (Miller-CA)

9715 1200 KOREA (DPR): R. Pyongyang: EE: nx, pledge of loyalty to Kim Il Sung (333 1/28 Kline-CA) vy weak @ 1230 (222 2/1 Dillon-MD)

9720 2010 SAUDI ARABIA: BSKSA: EE: 80's type mx, ID @ 2015 (444 1/15 Trotto-FL)

9720 1440 SRI LANKA: SLBC: EE: relig pgm; TPs, ID, nx (353 1/4 D'Angelo-PA) (232 1/17 Gerstner-NY) (333 1/29 Trotto-FL)

9740 1308 SINGAPORE: BBC: EE: "24 Hours" (232 1/24 Gerstner-NY) (443 Walley-CA)

1743 EE: "Sports Roundup"; "Newsdesk" @ 1800 (443 2/1 Thompson-CA) CA)

9750 1359 KOREA (REP. OF): R. Korea: EE: nx, "Let's Learn Korean" (343 1/23 Kline-19760
KUWAIT: R. Kuwait: AA: ME nx, ID, intv abt Islam (433 1/17 Dillon-MD)

9779 1727 YEMEN ARAB REP.: R. San'a: AA: AA mx; 1st time hrd (454 1/21 Bush-OH) @ 2000 in AA: ment of US & Islam (222 1/10 Weikel-MI) (1/11 Levison-PA)

9870 1648 KOREA (REP OF): R. Korea: EE: nx & cmt (545 1/13 Miller-CA) field-IA)

9910 2120 INDIA: AIR Delhi: EE: Indian mx; ancd as Australasian svc (222 2/1 Wake-9930p
TAIWAN: WYFR via VOFC: EE: hymns & OM tlk; anmts & tune derived from YFR's IS; 0000*, no ID hrd (231 1/25 Westenhaver-QUE)

9950 2115 SYRIA: R. Damascus: EE: nx, ID, lcl mx (333 1/25 Langlois-FL)

9955 2320 TAIWAN: VOFC: SS: tlk abt Chinese New Year; better signal than //9555 via WYFR-FL! (242 1/31 Westenhaver-QUE)

9977 1715 KOREA (DPR): R. Pyongyang: EE: anti-S. Korean tlk (433 1/27 Zirkelbach-CA)

10040 Acc. to report on 27 Jan SCDX. the V. of Vietnam has dropped this freq & are now using 9840 in EE @ 1330, 1600, 1800, 1900, 2030 and 9765 @ 1000, 1100, & 2300. [Tnx to Bill Westenhaver for this info...ed.]

11490 1555 CLANDESTINE: V. Of Unity: lang: OM w/ments of "Mujahedin", martial mx; // poorer 9215 & jammed 9905 (good 1/18 Daly-NY)

11505 0045 PRC: CPBS-2: CC: radio drama (354 2/1 Rocker-MS) UK)

11600 1515 PRC: R. Beijing: EE: tlk on Afghanistan; // weaker 15165 (444 2/1 Havrilko-11620
INDIA: AIR: EE: TC, ID, nx; weak & fluttery (242 2/1 Rocker-MS)

11675 1903 KUWAIT: R. Kuwait: EE: "Strictly Romantic" (423 1/17 Lupi-FL) "The Eternal Message of Islam" (555 2/6 Robinson-TN) (232 1/17 Weikel-MI)

11715 0052 INDIA: AIR: EE: sitar mx, nx @ 0100; 0115* (222 Weaver-AK)

11735 2300 KOREA (DPR): R. Pyongyang: EE: nx, socialist cmtty; mx & poems (353 1/24 Wright-MB) S. Korean students demonstrate against "Facist police butchers" (444 1/29 Zirkelbach-CA) (333 1/18 Brown-IL) (353 1/24 Allen-CA) (545 1/17 Robinson-TN) (352 1/22 D'Angelo-PA)

11745 0320 TAIWAN: VOFQ: EE: Chinese New Year customs (322 1/28 Zirkelbach-CA)

11750 1035 SINGAPORE: BBC: EE: "Jazz Score" quiz pgm (243 1/21 Westenhaver-QUE)

11770 2250 USSR: RM-Khabarovsk (per UHN..ed.): EE: (242 1/12 McEntee-TX)

11780 1800 NEW ZEALAND: R. New Zealand: EE: nx, NZ wx, TCs (444 1/24 Zirkelbach-CA)

11790 1530 IRAQ: V. of Masses: AA: mx, ID per WRTH (222 1/8 Wakefield-IA) haver)

11790 2306 USSR: R. Vilnius-Khabarovsk: EE: tlk of recent severe wx (232 1/25 Westen-

11810 1400 INDIA: AIR: EE: "Radio Newsreel" (333 1/21 Trotto-FL)

11825 1631 SOCIETY ISLANDS: R. Tahiti: FF: ads for videos & croissants; wld nx; EE ad for PK Gas (443 1/14 Thompson-CA)

0330 FF: "Ici Tahiti", island mx (243 1/15 Bair-CA) (Zirkelbach-CA) (Levison-PA) (Miller-CA) (Valentine-CA)

11830 2305 KOREA (DPR): R. Pyongyang: CC: cmtty hrd under QRM (222 2/9 Orr-CA)

11840 2230 JAPAN: RJ: IN: "Nilah R. Japan", amnts, OM tlk (322 1/10 Rocker-MS)

11860 0055 USSR: R. Kiev: EE: "Mailbag" pgm; //11795 (444 2/1 Rocker-MS)

11900 1400 MARIANA ISLANDS: KYOI Saipan: EE: pop mx, ID (454 1/22 Uetake-JP)

11935 1200 VIETNAM: V. of Vietnam: EE: ID, Mid East nx (444 1/29 Valentine-CA)

11940 1330 UNITED ARAB EMIRATES: R. Dubai: EE: survey of antennas used by QSLers & their ratings-wires w/tuners are the best (433 1/10 Dillon-MD)

1415 AA: ID, trad. AA vcl mx (444 1/11 Westenhaver-QUE)

11965 1631 UAE: R. Dubai: nx of Iran/Iraq war (322 1/23 Brown-IL)

11980 0304 PRC: R. Beijing: EE: cmtty on death of mathematician (342 1/29 Goodman-IA) report on Soviet exhibition in China (444 Weaver-AK)

2352 SS: "R. Beijing transmits diariamente"; sked (444 1/31 Rocker-MS)

12015 2358 PRC: R. Beijing: CC: IS, "Beijing guangbo diantai" (354 1/31 Rocker-MS)

12070 0059 USSR: MIRO-1 Khabarovsk: RR: TP, ID, nx (354 2/1 Rocker-MS)

12085 1320 SYRIA: R. Damascus: mx & tlk (333 1/25 Lupi-FL)

13650 2335 KOREA (DPR): R. Pyongyang: EE: patriotic mx; listener's letters; 2350* (353 1/3 Allred-Ecuador) tlks on the "Great Leader" (222 Berri-CA)

15060 1345 SAUDI ARABIA: BSKSA: AA: AA mx, tlk, Qur'an (343 2/7 Weikel-MI) (Havrilko)

15084 1210 IRAN: VOIRI: FARSI: reference to "Jomhuriye Esلاميye" & Iran; WRTH lists BENGALI but this was FARSI (444 2/1 Dillon-MD) "Wm. Tell Overture", ID (343 2/6 Weikel-MI) (333 2/3 Kolb-NM)

1413 PUSHTU/URDU: ME mx, OM tlk (454 2/3 Havrilko-UK)

15100 0200 PRC: R. Beijing: SS: ID, nx, mx (454 1/29 Uetake-JP)

15130 2315 USSR: RM-Vladivostok?: EE: tlk on arms control (232 1/10 Berri-CA)

15140 0528 KOREA (DPR): R. Pyongyang: JJ?: martial mx, ID; hrd //s 15160, 15180 (343 1/22 Trotto-FL)

15150 *1730 NEW ZEALAND: RNZ: EE: bird calls, nx, wx, TC (444 2/6 Kolb-NM) "Morning Report" w/nx, lcl TCs & tlk on dietary habits (242 1/14 Thompson-CA)

15160 0507 AUSTRALIA: RA: EE: nx, letters to editor (133 1/30 Preston-CA)

15170 0154 SOCIETY ISLANDS: R. Tahiti: FF: US rock mx (333 1/23 Kolb-NM) (Lupi-FL)

15175 1542 IRAQ: R. Baghdad: AA: tlk w/ment of Mohammed (343 2/2 Soomre-MA)

15195 0200 JAPAN: RJ: EE: trade deficit tlks (455 Weaver-AK) Asian nx (322 Bishop-NY)

15235 2315 JAPAN: RJ: EE: pop mx & tlk on JJ pop star (444 1/29 Zirkelbach-CA) report on Tokyo Teleport (353 1/3 Allred-Ecuador) Listener's letters (222 2/9 Orr-CA)

15290 2311 PHILIPPINES: VOA: EE: nx of kidnapping in Beirut (333 2/1 Brown-IL)

15320 2220 AUSTRALIA: RA: EE: soft vcls, ID, TC, lcl nx @ 2230 (353 1/10 D'Angelo-pA)

15320 1332 UNITED ARAB EMIRATES: R. Dubai: EE: wld nx, ID (454 1/9 Hesch-NY)

1630 EE: tlk on Japanese yen & US dollar; into AA @1645 (1/25 Leite-MA)

15350 0310 JAPAN: RJ: EE: "Current Affairs" on OPEC (444 1/28 Zirkelbach-CA)

15380 *2259 AUSTRALIA: RA: THAI: IS, TP, EE ID & "Thini RA" (343 1/25 Westenhaver-QU)

15395 2100 AUSTRALIA: RA: EE: nx of Tamil rioting (422 2/1 Wakefield-IA) report on stage play (222 2/9 Orr-CA) nx, pgm on Antarctica (322 1/10 Bishop-NY) Australian nx read by John Stone (343 2/2 Westenhaver-QUE)

15395 1409 SRI LANKA: VOA: EE: nx, "asia Report" (323 2/2 Russell-AL)

15405 2200 MARIANA ISLANDS: KYOI-Saipan: EE/JJ: rock mx, ads (444 1/28 Zirkelbach-CA) (333 1/28 Curtis-TN) (242 1/31 Westenhaver-QUE)

15420 1510 CYPRUS: BBC: EE: nx of student unrest in China (333 1/27 Curtis-TN)

15425 0715 AUSTRALIA: VLW15-Perth: EE: America's Cup, pop mx (good 2/1 Shimada-JP)

0523 EE: EZL mx, nx of Philippine rebellion (132 1/29 Preston-CA)

15425 2241 USSR: RM-Petro/Kam.: EE: "Your Top Tune" pgm of slick RR pop mx; // 15455 (343 1/31 Westenhaver-QUE)

15435nf *1330 UNITED ARAB EMIRATES: R. Dubai: EE: ID, Chris Manders reads nx; replaces
15320; QRM de co-channel RFI (343 1/31 Westenhanden-QU)
15445 0320 PRC: R. Beijing: EE: Chinese New Year (242 1/29 Goodman-IA) (Uetake-JP)
15445 0000 PHILIPPINES: FEBC: EE: nx of Philippine Communists; Bible contest quiz
(322 1/29 Zirkelbach-CA)
15455 0105 USSR: RM: EE: nx, "From Moscow with Jazz"; //12050 (152 2/1 Rocker-MS)
15505 1300 KUWAIT: R. Kuwait: AA: tlk on Albert Schweitzer; vcl mx (545 Robinson-TN)
1401 AA: tlk on book entitled "The Call of God"; Qur'an (444 1/10 Dillon-MD)
15520 *1230 USSR: RM: GUJARATI: s/on anmts; nx read by YL who purred like Eartha Kitt
(433 1/31 Westenhanden-QUE)
15575 0002 KOREA (REP OF): R. Korea: EE: nx of ed. reforms (444 2/2 Brown-IL) last
600 days before 88 Olympics (454 1/27 Kolb-NM) Korean fisheries (242
1/4 Allred-Ecuador) 1988 Expo (544 1/29 Zirkelbach-CA)
0200 EE: nx, cmtly on Western & Lunar New Years (333 1/30 Sharpe-CA) North &
S. Korean tlks (322 1/15 Bishop-NY) "Sports Roundup"(353 1/27 Wright-MB)
15606 0926 PAKISTAN: R. Pakistan: EE: cricket win over Sri Lanka (222 Weaver-AK) CA)
17705 0507 NEW ZEALAND: RNZ: EE: "Sports Roundup" w/live cricket (344 1/29 Preston-
17775 0515 UAE: R. Dubai: AA/EE: AA mx; EE @ 0530 w/nx, "Mailbag"; 0600* (fair 1/31
Shimada-Japan)

My doubts turned out to be unfounded-this "by frequency" listing format does use much less space. To be honest, I'll have to admit that I prefer the previous "by country" system, but with increasing contributions during the active DX months and with the decreasing number of pages with which to work, this new system worked out quite well. Now I am asking you, the membership, to let me know which format you prefer. Please cast your vote when you send in your April & May A/O loggings or even if you do not contribute. Of course, the SPEEDX BOD may have the final word on this matter, but I really want to know your opinion. The new system will give me extra space for A/O DX news and other features, but if you prefer just the loggings by country, so be it. Because of the large number of excellent loggings found in this month's column, it should come in handy as a reference guide while you are scanning the dial for that elusive A/O DX.

I recently added a new book to my SW reference library, one that I consider to be among, if not the best: SHORTWAVE RADIO LISTENING WITH THE EXPERTS edited by the well known DXer, Gerry L. Dexter. This large book, over 500 pages, includes info on almost every aspect of DXing imaginable, written by some of the top names in the field. Among the topics covered that should be of special interest to SPEEDXers are: SETTING UP YOUR SHACK (by Fred Osterman & Larry Cunningham), ANTENNAS FOR SW RECEPTION, PURCHASING THE RIGHT SW RECEIVER (by Lawrence Magne), FUNDAMENTALS OF SW RADIO PROPAGATION, RECOGNIZING LANGUAGES (by SPEEDX editor Dr. Richard E. Wood), THE VERIFICATION GAME (with some of the best info I've ever seen on the art of QSLing), COMPUTERS & DXING, UTILITY MONITORING (by former SPEEDX Utility editor Mike Chabak), DOMESTIC SW BROADCASTING ACTIVITY IN THE ANDES, and GRAYLINE DXING THE TROPICAL BANDS. Two chapters that will prove of even more particular interest to A/O DXers are DXING THE USSR (by Roger Legge, editor of the USSR High Frequency Broadcast Newsletter-UHN) and DXING INDONESIA (by William S. Sparks). Along with Latin America & China, the USSR and Indonesia constitute, in my opinion, the most complex and hard to understand areas of SW DXing. These two chapters will answer most of your questions on how to DX the large number of SW stations found in the USSR and in Indonesia.

Many other aspects of DXing are covered in this book as well (25 chapters total) including MW-FM, VHF/UHF, PIRATE RADIO, NUMBERS STATIONS, OTH RADAR (in depth), etc. In short, I highly recommend SHORTWAVE RADIO LISTENING WITH THE EXPERTS for all beginning and medium level DXers. I have been involved, on & off, in the SW hobby for about 20 years and I'll tell you-I sure learned a lot from this book! My only complaint is the absence of info on SW broadcasting in Africa & China, but so far, this is the best book yet published that covers almost every aspect of the SW Radio listening hobby. It is published by Howard W. Sams & Co. and has a list price of \$22.95. Miller Publishing (3 Lisa Dr., Thorndale PA 19372) is offering the book at \$19.95 including shipping.

A couple of final items: KIRIBATI: R. Kiribati has been hrd relaying its MW Svc on 14802 khz (maybe SSB) @ *0555-0930. [Robt Shepherd-Australia, SCDX]...NEW CALEDONIA: R. Noumea has reactivated 9510 khz, hrd @ 0700-0800 [John Fisher-DX ONTARIO, SWLD]...SRI LANKA: TWR hrd w/EE lang religious pgms on 11825 @ 1340-1530 [Indian DXer, SCDX]

NEXT MONTH: more info on predicting geo-magnetic storms, this time from Mike Hardester. Before closing, I want to thank the BOD for presenting me with the Full Member for Life Award. I will hang the certificate proudly in my radio shack. 73s & good DXing to all,

日本レポート

Japan Report

Ralph Famularo
CHATEAU BENTEN #601
2-4-2 NAMIYOKE
MINATO-KU, OSAKA. 552
JAPAN

More RCI/NHK News

RCI and NHK are about to extend and amplify their present agreement by which NHK broadcasts 1 hour daily to the USA from RCI's transmitters in Sackville. Beginning April 1, 1987, R. Japan plans to expand to 4 hours daily using RCI's transmitters....A bill to amend Japan's current communications law so that foreign broadcasters such as RCI can make use of NHK's shortwave transmitters will be laid before the Diet (Japan's parliament) soon. Before Canada can broadcast to Asia from Japan, serious obstacles must be overcome. First, the bill introduced by the Japanese Government must be passed. Secondly, RCI will not be able to begin (these broadcasts) before April, 1988. And finally, with RCI intending to broadcast in Chinese, English, French & possibly Russian, considerable financial resources will be required. And these are lean times in Canada. (via Koji Yamada)

AUSTRALIA

15170NF 2158 R. Australia: IS til CC s/on, "English from Australia" language lesson (excellent, 2/5)

AUSTRIA

7245 1408 R. Austria Intl: EE press comment, class mx, rundown of entertainment in Austria for 1987, IDs (gd, 1/17)

CHINA (PEOPLE'S REPUBLIC)

6500p 1215 Qinghai PBS, Xining: Tibetan (listed) unusual chanting & yodeling to primitive flute mx, long M tkl (pr-fr, 1/21)
19290h 0346 R. Beijing: EE 2 x 9645 w/ M-W CC lang lesson (fundamental freq much stronger) (harmonic pr-fr, 1/22)

CLANDESTINE

7054 1314 Vothe People of Malaysia: Malay W tkl, local mx -- Woodpecker QRM. Thanks to tip from Isao Ugusa's "DX Frontline." (poor, 2/5)

INDONESIA

3395 1420 RRI Tanjungkarang: Indo M tkl, SCI at 1430, losing out to heavy QRN conditions (poor, 1/21)

KAMPUCHEA

6143a *1100 Vothe People of Kampuchea (DS): Cambodian; minimal reception of s/on mx & W tkl // 5035 pr-unusable, reported 4878 unheard. (pr-unusable, 2/6)
9695 0600 VOPK (DS): Cambodian W tkl (possible nx), beautiful indigenous mx, ID, 0630* (fair-good, 1/22)

LAOS

6130 1145 Lao National Radio: Lao solo vocals, SEA mx, @1200, 7 clock chimes, band mx, mentions of "Lao". Strongest ever heard on this freq. (fair-good, 2/8)

PHILIPPINES

11868 0530 FEBC: EE world nx, ID, requests for reports, address, Xtian rock mx, pen-pal info. Subsequent checks on 1/22 & 2/7 found this bdcst on 11850 (fair, 1/13)

SOVIET UNION

6150 0834 R. Tikhiv Okean, Vladisvostock: EE W tkl on natural resources of the Soviet Far East, ID/QTH into RR song & tkl (good-excellent, 1/17)
8080h 0345 Mayak, Vladisvostock: 2 x 4040; lite & class mx, 0400 RR M ID, nx, more mx (gd, 1st heard 1/13 & daily since that date.

SPEEDX QSL REPORT

Ray Forsgren - Rt.#4 Box 213 - Chippewa Falls, WI. - 54729 - USA

AFRICA

/ASCENSION/ BBC Relay: 7160 n/d Bush House cd. in 45 ds. (Wright-MB).

/BENIN/ R. Parakou: 5025 f/d cd. in 26 ds. after f-up for a FF rpt. & ms. Rpt. sent & rec'd via Cotonou. (Wilkins-CO).

/BOTSWANA/ R. Botswana: 4820 f/d 20 Years of Progress cd. in 27 ds. for a taped rpt. & 2 ircs. (Leite-MA). 4820 (Should be for 7255!) f/d cd. in 105 ds. after f-up for \$1 to Washington Emassay. Reported 7255 but verified as 4820! (McEntee-TX). 7255 f/d Herdsboy cd. in 22 ds. for \$1. (Cronkright-MI). f/d cd. in 33 ds. for ms. (Russell-AL).

/BURKINA FASO/ R. Nationale: 4815 p/d ltr. w/ sked. in 47 ds. for a FF rpt. & 2 ircs. (Wakefield-IA). p/d ltr. in 75 ds. for a FF rpt. & 2 ircs. (Fisher-MA).

/BURUNDI/ Rdif. Nationale: 3300 p/d Black & White folder cd. in 96 ds. for a FF rpt. & \$1. V/S L'aurent Idikumwami. (George-NC)....Good one Nelson!:

/CHAD/ R. Nationale: 4920 p/d Native Girls cd. in 47 ds. for \$2. (TN-Evans).

/EGYPT/ R. Cairo: 9475 f/d Building cd. in 143 ds. for \$1. (Cronkright-MI).

/ETHIOPIA/ Voice of Rev. Ethiopia: 9560 f/d cd. w/ sked. & ltr. in 633 ds. after f-ups for \$1. V/S Mrs. Zemenay Laike. (Cronkright-MI).

/GABON/ R. Japan Relay: 9645 n/d Cranes cd. w/ sked. in 11 ds. (Brown-IL). n/d cd. in 11 ds. after f-up for an irc. (Weber-OH).

/LIBERIA/ ELWA: 4760 f/d Transmitter cd. in 21 ds. for ms. (Russell-AL). 11830 f/d cd. w/ sked. in 51 ds. for 2 ircs. V/S J. Tokeh. (Brown-IL).

/MAURITANIA/ ORTM: 4845 f/d National Colors cd. in 48 ds. for a FF rpt. & \$1. (Jones-TN)...Very nice David!!

/NIGER/ ORTN: 5020 f/d personnel ltr. w/ stickers in 80 ds. for a FF rpt. & 2 ircs. V/S Yacoubou Alwali. (Fisher-MA).

/NIGERIA/ VON: 7255 f/d Rememberance Arcade cd. in 218 ds. (Lupi-FL).

/SAO TOME e PRINCIPE/ R. Nacional: 4805.5 f/d pfc w/ ltr. in 42 ds. after f-up for a PP rpt. & 2 ircs. V/S Antonio Sebastiana. (Wilkins-CO)....Very, very nice John; congrats!!!

/SEYCHELLES/ FEBA: 11865 f/d Logo cd. in 3 mo. for an irc. V/S Miss Jean Reddy. (Allred-ECUADOR).

/SOUTH AFRICA/ Radio RSA: 3230 f/d Rickshaw cd. in 20 ds. (Brown-IL). 6010 f/d cd. w/ goodies in 23 ds. (Leite-MA). 9615 f/d cd. in 29 ds. (Westenhaver-QU). f/d SABC Buildings cd. in 49 ds. V/S Minnie Visser. (Westenhaver-QU). 11900 f/d cd. in 13 ds. (Brown-IL). f/d cd. in 35 ds. (Janusz-NJ). Radio 5: 4880 f/d Station cd. w/ goodies in 30 ds. for an irc. V/S Minnie Visser, (Van Horn-FL).

/SWAZILAND/ TWR: 7210 f/d cd. w/ ltr. in 65 ds. after f-up for a taped rpt. & 2 ircs. (McEntee-TX). 9640 f/d Transmitter cd. w/ sked. in 57 ds. (Wright-MB).

/TUNISIA/ RDTV Tunisienne: 7225 p/d ltr. w/ stamps in 30 ds. after f-up for a FF rpt. & 2 ircs. V/S Mongi Chaffai- Dir. Gen. (Wilkins-CO).
..John forwards this address: 4 Rue de Kenya, 1002 Tunis...Thanks!

ASIA

/CHINA/ R. Beijing: 6860 f/d Statue cd. w/ goodies in 19 ds. (Soomre-MA). 9730 f/d cd. w/ goodies in 13 ds. for 3 ircs. (Bair-CA). Zhejiang PBS: 2475 p/d cd. w/ personal ltr. in 23 ds. for a CC rpt. (Coday-CA). Yunnan PBS: 4760 p/d Daguang Park cd. w/ ltr. in 58 ds. for a CC rpt. (Forsgren-WI). CPBS-2: 6790 f/d Peihai Park cd. in 22 ds. for 3 ircs. (George-MA).

/INDONESIA/ RRI Gorontalo: 3265 p/d ltr. in 33 ds. after 4th f-up for an INDO. rpt. & ms. V/S Saleh S. Thalib- Kepala Seksi Teknik. (Wilkins-CO).

/IRAQ/ R. Baghdad: 11750 p/d form ltr. in 194 ds. w/ goodies. (Wakefield-IA).

/ISRAEL/ KOL Israel: 7465 f/d Logo cd. w/ rpt. forms in 48 ds. (Bishop-NY). 9435 f/d cd. w/ goodies in 55 ds. (Janusz-NJ).

/KUWAIT/ R. Kuwait: 11675 f/d folder cd. w/ sticker in 58 ds. (Gerstner-NY).

/LEBANON/ King of Hope: 6280 f/d Verse cd. w/ sticker & ltr. in 50 ds. for \$1. Sent to CA QTH. (Cronkright-MI). f/d cd. w/ sticker & ltr. in 85 ds. for ms. V/S David Lawrence. Also to the CA QTH. (George-NC).

/PAKISTAN/ PBC: 9458 p/d B'casting House cd. in 50 ds. for 3 ircs. (George-MA).

/SAUDI ARABIA/ BSKSA: 9720 f/d Logo cd. w/ ltr. in 55 ds. w/ sked also for 3 ircs. V/S Sulaiman Al-Samnan. (Van Horn-FL).... Haven't seen anything from this one in quite a while- good one!

/SOUTH KOREA/ R. Korea: 9750 & 15575 f/d Dancers cd. in 51 ds. for an irc. (Zirkelbach-CA). 15575 f/d Farmers dance cd. w/ sked. in 43 ds. (Russell-AL). p/d Asian Games cd. in 53 ds. (Weiss-OH).

/SRI LANKA/ SLBC: 9720 f/d Building cd. in 286 ds. for \$1. (Cronkright-MI).

/UNITED ARAB EMIRATES/ R. Dubai: 9640 f/d Map/Logo cd. in 30 ds. (Wakefield-IA). 17775 f/d cd. w/ sked. & pennant in 34 ds. (Russell-AL).

/VIETNAM/ VoV: 15010 f/d Logo cd. w/ pennants & map in 64 ds. for \$1. (Cronkright-MI).

EUROPE

/AUSTRIA/ RAI: 6155 f/d Costumes cd. w/ sked. in 40 ds. (Miller-CA).

/BELGIUM/ BRT: 15590 f/d Painting cd. in 30 ds. (Gerstner-NY).

/CZECHOSLOVAKIA/ R. Prague: 5930 f/d 50th Ann. cd. in 42 ds. (Wakefield-IA).

/GERMAN DEMO. REP./ RBI: 6070 f/d Wernigerode cd. in 19 ds. (Westen haver-QU). 6125 f/d Potsdam cd. in 49 ds. (Westen haver-QU). f/d Altes Museum cd. w/ goodies in 51 ds. (Weiss-OH). 9560 & 15240 f/d cds. in 45 ds. w/ goodies. (Miller-CA). 15240 f/d cd. in 63 ds. (Brown-IL).

GERMAN FED. REP./ DW: 6145 n/d Globe/headphones cd. in 3 mo. (Allred-ECUADOR).

GREECE/ VoG: 9420 f/d Olympia cd. w/ sked. in 90 ds. for an DE/Greek rpt. (Wright-Ms).

HUNGARY/ R. Budapest: 6025 f/d Costume cd. in 36 ds. (Miller-CA).

LUXEMBOURG/ R. Luxembourg: 15350 f/d. Antennas cd. w/ sticker & info. in 25 ds. for an irc. (Gerstner-NY).

MALTA/ Ibra Radio: 6110 f/d ltr. w/ pennant & pin in 43 ds. for \$1. (Cronkright-MI).

NETHERLANDS/ R. Nederland: 15560 f/d Studio cd. in 30 ds. (Brown-IL).

NORWAY/ RNI: 11850 p/d Costume cd. in 30 ds. (Jones-TN). 15180 f/d Climbers Delight cd. in 22 ds. (Brown-IL). 15185 & 15310 p/d cd. w/ sticker & sked. in 22 ds. (Gerstner-NY). 15305 f/d Aluminum Works cd. in 40 ds. (Brown-IL). 15310 f/d Hammerfest cd. in 30 ds. (Brown-IL).

POLAND/ R. Polonia: 9525 f/d Krakow cd. w/ stickers in 82 ds. for \$1. (Cronkright-MI).

PORTUGAL/ R. Portugal: 9680 f/d cd. in ?? ds. (Gerstner-NY). 9705 f/d cd. in 36 ds. (Brown-IL). 15250 f/d cd. w/ sked. & Calendar in 29 ds. (Wakefield-IA).

SPAIN/ REE: 6125 f/d Sevilla cd. in 54 ds. (Janusz-NJ). f/d cd. in 60 ds. (Gerstner-NY). f/d cd. in 65 ds. (Brown-IL). 9630 f/d Plaza cd. in 48 ds. (Brown-IL). f/d Festival cd. in 63 ds. (Soomre-MA). f/d Parade cd. in 78 ds. (Brown-IL).

SWEDEN/ RSI: 9695 f/d Farm cd. in 3 wks. (Allred-ECUADOR). f/d Green Gold cd. in 43 ds. (Brown-IL). 15345 f/d Coastline cd. in 13 ds. (Brown-IL).

SWITZERLAND/ SRI: 3985 n/d cd. in 21 ds. (Jones-TN). 6135 f/d Bridge cd. in 28 ds. (Wright-Ms). 9725 n/d Geneva cd. in 25 ds. (Lupi-FL). 12035 f/d Chur cd. w/ poster in 41 ds. (Brown-IL).

VATICAN CITY/ R. Vaticana: 9615 f/d Popes cd. in 80 ds. (Brown-IL). 9645 f/d cd. in 5 mo. (Allred-ECUADOR).

U.S.S.R.

R. Kiev: 7165 f/d Library cd. in 74 ds. (Brown-IL). 11790 & 11860 f/d Palace cd. w/ goodies in 38 ds. (Zirkelbach-CA).
R. Moscow: 7400 f/d cd. w/ pennant in 54 ds. for an irc. (Cronkright-MI). 11840 & 12050 f/d cds. w/ goodies in 47 ds. (Zirkelbach-CA).
7135 via Komsomolsk na Amur; 9780 via Nikolaevsk na Amur; 9535 & 11900 via Serpukhov; 9450, 13690, 15150 & 15360 via Moscow; 15475, 17655, 15585 via Simferopol; 15460 via Zhigulevsk; 15490 via Tula; 15570 via Dusanbe; 17645 via Armavir; 17735 via Tblisi; 17820 via Ivano Frankovsk f/d cds. in 44 ds. (Soomre-MA).
R. Tashkent: 5945 & 9600 f/d cd. in 54 & 60 ds. (Weber-OH).
R. Vilnius: 7165 f/d folder cd. w/ pennant & ltr. in 10 wks. (Allred-ECUADOR).
R. Yerevan: 11790 f/d plain white cd, in 4 mo. (Allred-ECUADOR).

NORTH AMERICA

ALASKA/ KNLS: 7355 f/d Studio cd. in 8 ds. for ms. (Miller-CA).

BELIZE/ Belize Radio 1: 3285 f/d Map cd. in 14 ds. (Cole-CO). f/d cd. in 18 ds. for 2 ircs. V/S Esme Anderson. (Wakefield-IA).

CANADA/ R. Japan Relay: 6120 n/d Cranes cd. w/ sked. in 12 ds. (IL-Brown). f/d Relay cd. in 12 ds. for an irc. (Cronkright-MI). CFRX: 6070 f/d Airplane cd. in 243 ds. V/S John McCloy. (Wakefield-IA). CKZN: 6160 p/d Map cd. in 17 ds. for ms- which were returned. V/S R. Knowles. (Russell-AL).

/COSTA RICA/ R. Reloj: 4832 f/d Logo cd. in 3 wks. after 3rd f-up for a SS rpt. & 2 ircs. (Lay-GA).

/CUBA/ R. Habana: 9740 f/d Museum cd. w/ decal & ltr. in 87 ds. (OH-Weiss).

/DOMINICAN REP./ R. Discovery: 6245 f/d Logo cd. in 1 wk. for ms. (Lay-GA). f/d cd. in 17 ds. for ms. V/S Jeff White. (Fisher-NM). f/d cd. in 17 ds. for ms. (Soomre-MA). 15045 f/d cd. in 9 ds. for ms. (MI-Cronkright). f/d cd. in 10 ds. for ms. (George-MA).

/GUATEMALA/ R. Chortis: 3380 p/d form ltr. in 22 ds. for a SS rpt. & \$1. V/S Juan Maria Boxus. (Coday-CA).

/GREENLAND/ Grønlands Radio: 3399 n/d ltr. in 1 yr. after 3rd f-up for 3 ircs. (welch-MA)...Super job Frank!!!!!!

/HONDURAS/ HRVC: 4820 p/d Logo cd. in 16 ds. for 2 ircs. V/S Miss Reina Figueroa. (Brown-IL). p/d cd. w/ pennant & ltr. in 17 ds. for ms. (Miller-CA). p/d cd. w/ pennant in 25 ds. for \$1. (Forsgren-WI).

/UNITED STATES/ KGEI: 9615 f/d San Francisco Scenes cd. in 6 wks. for ms. V/S Jesus C. Elizondo. (Allred-ECUADOR). ***KVOH***: 17775 f/d cd. in 2 wks. for ms. (Lay-GA). f/d cd. in 49 ds. for ms. (Jones-TN). f/d cd. w/ sticker & sked. in 58 ds. for ms. (Russell-AL). f/d cd. in 59 ds. for ms. (George-MA). f/d cd. in 60 ds. for ms. (Fisher-MA). f/d cd. w/ sticker & sked. in 66 ds. for ms. (Cronkright-MI). f/d cd. w/ sked. ltr. & sticker in 66 ds. for ms. (Soomre-MA). f/d cd. w/ stuff in 69 ds. for ms. (Forsgren-WI). f/d cd. w/ goodies in 69 ds. for ms. V/S David Lawrence. (Wilkins-CO). f/d cd. w/ goodies in 70 ds. for ms. (Gerstner-NY). f/d cd. w/ goodies in 85 ds. (Wakefield-IA). f/d cd. in 89 ds. for ms. (Pogue-TN). f/d cd. w/ sticker in 91 ds. for ms. (Welch-MA). VO: 11760 via Greenville f/d cd. in 20 ds. (Brown-IL). WMLK: 9455 f/d ltr. in 29 ds. V/S Jacob Meyer. (Wakefield-IA). WRNO: 15420 p/d DX Club cd. in 2½ mo. V/S Joe Costello. (Bush-OH).

OCEANIA

/AUSTRALIA/ R. Australia: 5995 & 9580 f/d Sheep Station cd. in 26 ds. (Gerstner-NY). 9580 f/d cd. w/ sticker in 18 ds. (Brown-IL). f/d cd. in 30 ds. (Janusz-NJ). 17715 f/d Black Swans cd. in 2 mo. (Allred-ECUADOR). VL8T: 2325 p/d ltr. w/ \$2 Australian (!) in 55 ds. for \$1. V/S T.P. Said. (Coday-CA). VLQ9: 9660 f/d Queensland Symphony cd. w/ sked. in 15 ds. for a taped rpt. & an irc. (Russell-AL).

/MARIANAS ISLANDS/ KYOI: 9665 f/d Logo cd. w/ sticker in 14 ds. for a SASE. (Wakefield-IA). KTWR: 9870 f/d Flowers cd. w/ ltr. & sked. in 27 ds. for ms. V/S Mrs. Debbie Blosser. (Gerstner-NY).

/PAPUA NEW GUINEA/ NBC: 4890 f/d Map cd. w/ map & sked. in 68 ds. for 2 ircs. V/S Ms. Francesca Maredai. (Soomre-MA).

SOUTH AMERICA

/ARGENTINA/ RAE: 9690 f/d Logo cd. w/ sked. ltr. & rpt. forms in 200 ds. for a SS rpt. & 2 ircs. (Robinson-TN).

/BRAZIL/ RadioBras: 11745 f/d Palacio do Itamaraty cd. in 44 ds. V/S Nana Ferreira. (Brown-IL). f/d Foz do Iguazu cd. in 100 ds. V/S Denise Uchoa. (Brown-IL). R. Clube de Marilia: 3235 n/d personal ltr. w/ Christmas & business cds. in 58 ds. for a PP rpt. & \$1. V/S Jose Marques Beato- Ger. (Forsgren-WI).

/COLOMBIA/ R. Macarena: 5975 n/d Station Christmas cd. in 85 ds. for a SS rpt. & \$1. (Coday-CA).

Hop on over to the next page for the QSLs' from Ecuador!

*** CARIBBEAN ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	8844.0	C	1623	COL	HAVANA	AERO	CLG RFNV, MOSCOW AERO	JAK-OH
CUBA	12704.0	C	1822	COY 895	HAVANA	NAVRAD	CLG RTW	GCH-WV
MART	4054.0	C	0052	FUF	FT. DE FRANCE	MARCO	V MARKER	JAK-OH
MART	4054.0	C	0341	FUF	FT DE FRANCE	NAVRAD	V MARKER	SH -QU

*** SOUTH AMERICA ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BRZL	4243.2	C	0138	PPR	RIO DE JANIERO	MARCO	V MARKER	JAK-OH
CHIL	6980.0	C	0340	CCS	SANTIAGO	NAVRAD	V MARKER	PAT-CA
SURI	2182.0	U	0013	PZN	PARAMARIBO	MARCO	CLG PACIFICO	POC-NH

*** EUROPE ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BELG	12781.5	C			OOSTENDE	MARCO	CQ	JAK-OH
DEN	12329.0	C	1530	DVG 4	FREDERICKSHAVN	MARCO	V MARKER	JAK-OH
ENG	2832.0	C	0055	GNK 1	WICK	MARCO	ID INTO RTTY	RSR-ON
ENG	6428.2	C	2323	GKD	PORTISHEAD	MARCO	CQ MARKER	JAK-OH
ENG	6495.0	C	2110	GKE	PORTISHEAD	MARCO	ID, ARG PHASE	JAK-OH
ENG	7569.5	U	1120	AJE	CROUGHTON	USAF	AFTS FEEDER	PAC-UK
ENG	12770.0	C	1847	BKS 5	PORTISHEAD	MARCO	ID, ARG PHASE	JAK-OH
ENG	13824.3	C	1842	GYU	GIBRALTER	NAVRAD		JAK-OH
GDR	6466.8	C	2115	YSM	RUBEN	MARCO	CQ	JAK-OH
GREE	4342.8	C	0210	SVA	ATHENS	MARCO	DE MARKER	JAK-OH
GREE	6411.0	C	2119	SVF	ATHENS	MARCO	DE	JAK-OH
HOLL	15985.3	C	1650	PCM 1	DEN HAAG	MFA	ID MARKER	JEB-CA
HOLL	17215.1	A	1625	PCB	SCHVEINGEN	MARCO	TFC	JAK-OH
ITLY	4295.0	C	0158	IGX	TRIESTE	MARCO	V MARKER	JAK-OH
NOR	12682.5	C	1513	LGB	ROGALAND	MARCO	DE MARKER	JAK-OH
POL	2182.0	U	0504	SPD	SZCZECIN	MARCO	ANNOUNCEMENT	POC-NH
POL	2831.0	U	0505	SPD	SZCZECIN	MARCO	TFC LIST	POC-NH
SPAN	4253.4	C	0134	EAD 2	ARANJUEZ	MARCO	DE MARKER	JAK-OH
USSR	4330.0	C	2254	UXN	ARKHANGELSK	MARCO	DE MARKER	PAC-UK
USSR	12813.6	C	1502	URB 2	KLAIPEDAN	MARCO	DE MARKER	JAK-OH
YUGO	4346.0	C	0119	YUR	RIJEKA	MARCO	V MARKER	RSR-ON

*** AFRICA/MIDDLE EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
GHAN	8903.0	U	2115	9GC	ACCRA	AERO	WKG LUANDA	POC-NH
ISRL	4241.4	C	0052	4XZ	HAIFA	NAVRAD	V MARKER	RSR-ON
ISRL	17146.4	C	1308	4XO	HAIFA	MARCO	CQ MARKER	POC-NH
IVRY	8861.0	U	2104	TUH	ABIDJAN	ASECNA	WKG IBERIAN 853	POC-NH
IVRY	9846.0	A			TUH	ASECNA		RT -FL
NIGR	8903.0	U	2058	SUA	NIANEY	ASECNA	CLG KANO	POC-NH
REUN	13215.0	C	1931	FUX	SAINT DENIS	NAVRAD	V MARKER	POC-NH
SDAF	2500.0	A	0342	ZUD	PRETORIA	SFTS	TIME SIGS	RT -FL
SDAF	4282.5	C	0127	ZSJ 2	CAPETOWN	NAVRAD	CQ MARKER	LS -CA
SDAF	4316.8	C	0203	ZSC	CAPETOWN	MARCO	DE MARKER	JAK-OH
SDAF	6336.7	C	0350	ZRQ	SIMONSTOWN	NAVRAD	V MARKER	PAT-CA
SDAF	6386.7	C	2334	ZSJ 3	CAPETOWNAD	MARCO	CQ MARKER	JAK-OH
SDAF	8731.3	U	1950	ZSC 26	CAPETOWN	MARCO	MARKER	POC-NH
TURK	4350.0	C	2114	TBB 5	ANKARA	NAVRAD	V MARKER	PAC-UK

*** ASIA/FAR EAST ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
HONG	8539.0	C	1243	VPS	VICTORIA ISLE	MARCO	DE MARKER	POC-NH
INDO	8686.0	C	1226	PKF	MAKASSAR	MARCO	CQ MARKER	POC-NH
JPAN	4298.0	C	1450	JMC 2	TOKYO	MARCO	CQ MARKER	JEB-CA
JPAN	16877.5	C	0001	JDB	NAGASAKI	MARCO	CQ MARKER	PAT-CA
JPAN	16998.5	C	0259	JDC	CHOSI	MARCO	CQ MARKER	PAT-CA
PHIL	5442.5	C	1333	KWL 90	MANILA	EMBASY	DE MARKER	LS -CA
PHIL	12862.0	C	1037	DZT	MANILA	MARCO	MANUAL CQ MARKER	PAC-UK
PRC	4283.6	C	1445	XSV	TIANJIN	MARCO	CQ MARKER	JEB-CA
PRC	4319.0	C	2117	XSG	SHANGHAI	MARCO		PAC-UK

*** PACIFIC ***

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	4229.0	C	1437	VIP 7	PERTH	MARCO	V MARKER	JEB-CA
AUST	4245.0	C	1350	VIS	SYDNEY	MARCO	V MARKER	PAT-CA
AUST	8722.0	U	2005	VIS	SYDNEY	MARCO	WKG SHIPS	POC-NH
NZEL	4601.0	U	1415	ZLBC 5	CAMPBELL ISLE	METEO	WKG WELLINGTON	FC -WA

*** RTTY ***

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
2423.5	0251	ARG	SAB	GOETEBORG	MARCO	SWED		SR -MI
3209.0	0303	75-170R	NMN	PORTSMOUTH	USCG	USA	WKG NBTC	SR -MI
3595.0	2225	50-42S	9HA	LUGA	AERO	MALT	DE MARKER	PAC-UK
3999.0	0148	50-42S	HZJ	JEDDAH	AERO	SAUD	BRT HZJ	SR -MI
4242.5	0157	50-170R	YSM	RUBEN	MARCO	GDR	TFC LIST	SR -MI
4575.0	0305	75-170R	NMO	HONOLULU	USCG	HI	WKG USCGB JARVIS	SR -MI

4580.3	0234	50/425/N	DDK 2	HAMBURG	METEO	FRG	RY, CG	JAK-OH
5107.0	1930	50-425	EPD	TEHRAN	AERO	IRAN	DE MARKER	PAC-UK
5117.0	2047	50-425	STK	KHARTOUM	AERO	SUDN	DE MARKER	PAC-UK
5204.0	1540	75N	OMZ	PRABHU	MFA	CZEC	TFC TO MOSCOW	RMA-FR
5442.5	2102	50-425	70C	KHORMAKSAR	AERO	YEMN	DE MARKER	PAC-UK
5474.0	1808	50-425	CSY	SANTA MARIA	AERO	AZOR	DE MARKER	PAC-UK
5807.6	1808	96TDM-A	XTU	OUGADOUGOU	ASECNA	BOUR	ID WITH CALLSIGN	RMA-FR
6987.5	2239	50-425	ARA	KARACHI	AERO	PAKI	DE MARKER	PAC-UK
7919.2	2227	50-425R	SMK	KANO	AERO	NIGR	DE MARKER	SR -MI
7923.0	1500	96TDM-B	BPJ 34	BEIJING	XINHUA	PRC	EE NEWS	JEB-CA
8051.5	2244	FEC	WOO	OCEAN GATE	MARCO	USA	TEST, FOXES	SR -MI
8510.0	0121	75-170R	NMD	HONOLULU	USCG	HI	WKG NVUN	SR -MI
8711.0	0512	FEC	KPH	SAN FRANCISCO	MARCO	USA	PACIFIC WX	JEB-CA
8712.8	1645		WNU	SLIDELL	MARCO	USA	120LPM FAX	JAK-OH
8718.0	0127	FEC	NMD	HONOLULU	USCG	HI	CQ MARKER	JEB-CA
9097.5	1600	96TDM-A	CUA 44	LISBON	CPRM	PORT	ALFRAG DE CPRM	RMA-FR
9196.0	0115	96TDM-A	TNL	BRAZAVILLE	ASECNA	CONG	METEO	JEB-CA
9224.0	2156	50-425	TJK	DOULA	ASECNA	CAME	DE MARKER	PAC-UK
9846.0	0045	50-425	TUH	ABIDJAN	ASECNA	IVRY	RY5	RJC-MA
10536.0	02357		CFH	HALIFAX	CANMIL	CAN	WX	PAC-NH
13087.0	0145	FEC	UFB	ODESSA	MARCO	USSR	CYRILLIC MSGS	PAC-UK
13099.5	1142	FEC	UXN	ARKHANGELSK	MARCO	USSR	CYRILLIC MSGS	PAC-UK
13437.0	1500	50R	RPN	MONSANTO	NAVRAD	PORT	FOXES	RMA-FR
13662.5	1749	50/425/R	6VU 73	DAKAR	METEO	SENE	CG, RYS	JAK-OH
13665.0	1727	50-425N	6VU 73	DAKAR	METEO	SENE	RY5/CD	SR -MI
14583.7	0932	50-425	JTF 23	ULAN BATOR	DIPLO	MONG	CLG QMZ 24	PAC-UK
14631.0	1220	50-425	SUC	CAIRO	AERO	EGPT	DE MARKER	PAC-UK
15978.5	1419	50-425N	FPP 97	PARIS	AFP	FRAN	FF NEWS	SR -MI
16403.1	1428	50-425N	Y2V 57	BERLIN	ADN	GDR	FF NEWS	SR -MI
18251.5	1200	50R	SUU 20	CAIRO	METEO	EGPT	WX	RMA-FR
18433.0	1803		LRO 83	BUENOS AIRES	PRESS	ARGN	60LPM PHOTOS	JAK-OH

*** SHIPS ***

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	0257	NICC	USCGC POINT TURNER	WKG USCGC POINT ANN	ES -MA
2182.0	U	2153	NTDB	USCGC POINT WELLS	CLG SHANNEDOCK	POC-NH
5696.0	U	1750	NKIL	USCGC TAMPA	WKG CG 1502	KFN-FL
6261.1	R	1515	EVBO	PB ALEKS SAKHALINSKIY	TFC TO KHOLMSK	JEB-CA
6266.0	R	0610	GBVC	SS CANBERRA	WKG NMC	JEB-CA
6340.5	R	0218	NABK	USCGC FARALLON	WKG NMA	SR -MI
6467.0	R	0130	NRPX	USCGC BUTTWOOD	WKG NMG	SR -MI
8198.1	U	1957	3E1C 2	M/V CARIBE ONE	P/P VIA WOM	POC-NH
8198.1	U	1945	PJCH	M/V NIEUW AMSTERDAM	PHONE TFC	POC-NH
8198.1	U	0352	WDNK	WESTERN TRITON II	WKG WOM	POC-NH
8207.4	U	2241	NNTR	USS THEODORE ROOS	P/P VIA WOM	POC-NH
8238.4	U	0439	ELFK 6	S/S JUBILIEE	P/P VIA WOM	POC-NH
8241.5	U	1955	9KGT	AHMAD ALFATEH	WKG GKU 46	POC-NH
8241.5	U	2015	C46M	OCEAN SPIRIT	WKG GKU 46	POC-NH
8241.5	U	1914	GGDG	HMS ARK ROYAL	WKG GKU 46	POC-NH
8250.8	U	2044	60CA	HMS HECTATE	PHONE TFC	POC-NH
8297.7	R	0170	ESSG	TR OSTROV LITKE	TFC	JEB-CA
8297.8	R	0030	USXC	TKH KOMOSOMOLETS MATVEY	RY5 TO KHERSON	JEB-CA
8345.0	R	2306	ELVF 8	M/V STAR VALLEY	TFC	JEB-CA
8345.6	R	2255	UHHT	GS IVAN KIREYEV	TFC	JEB-CA
8346.0	R	0200	FNGM	M/V CARAIBE	WKG WLO	JEB-CA
8346.0	R	1432	WRPP	TOLTECA	MSG5	JEB-CA
8349.0	R	0155	UBCW	TKH KLIN	RY5 TO LENINGRAD	JEB-CA
8350.0	R	0630	PGDY	M/V NEDLLOYD MADRAS	CLG KPH	JEB-CA
8350.0	R	0158	SPRJ	OSSDLINEUM	AMVER TO PORTISHEAD	JEB-CA
8350.0	R	0140	SPXN	M/S BOLESLEW SMAIALY	TFC	JEB-CA
8350.0	R	0635	UVMR	TKH FEDOR BREDKHIN	TFC TO RIGA	JEB-CA
8350.5	R	0625	UHXT	TKH SIDOR KOVPAK	TFC	JEB-CA
8350.5	R	0602	ULDB	TKH SKULPTOR TOMSKIJ	TFC TO RIGA	JEB-CA
8350.5	R	0625	UZPQ	TKH PUSTOZERSK	WKG TO ARKHANGELSK	JEB-CA
8358.0	R	0110	UKKI	NIS GEDLOG FERSMAN	RY5	JEB-CA
8375.0	C	0306	SVTF	M/V ELENI	WKG GKC	GCH-WV
8389.0	C	1534	HCHM	M/V TAURO	WKG YFP	GCH-WV
8390.0	C	0343	H9VR	M/V KARIN	WKG WNU	GCH-WV
8392.0	C	0510	FNWZ	FRANCOIS VILLON	WKG OBC	GCH-WV
8392.0	C	0644	UNOL	M/V KOTOVSKIY	WKG CLA 22	GCH-WV
8394.0	C	0245	KNJD	PORT EVERGLADES	WKG NMN	GCH-WV
8400.0	C	0717	SWDA	FORMUMSAMOU	OBS TO ZLB	GCH-WV
8410.0	C	0050	EQIQ	M/T IRAN RAJAI	WKG PPO	GCH-WV
8413.5	C	0709	UFLX	M/V SOCHI	OBS TO NMR	GCH-WV
8432.0	C	0302	VRKM	M/V KEMANO	WKG JCS	GCH-WV
8434.0	C	0315	HCHM	B/T ZAMORA	WKG WCC	GCH-WV
12333.1	U	1915	LJKR	BERGANGER	CLG KMI	POC-NH
12345.5	U	2101	GBRP	M/V ROYAL PRINCESS	P/P VIA WOM	POC-NH
12432.3	U	1520	KFPM	M/T EXXON BAYTOWN	WKG KHT	POC-NH
12570.0	C	1753	J4DB	M/V MYKONOS	WKG PPR	GCH-WV
12570.0	C	1816	TCBC	M/V BORASIK	WKG TAH	GCH-WV
12575.0	C	1604	GUCT	GYPSUM KING	WKG WRT	GCH-WV
12577.0	C	1738	JCDK	JAPAN POPLAR	WKG VCS	GCH-WV
12612.0	C		GDAM	M/V KOPALNIA PIASECZNO	WKG 7TA	GCH-WV
12637.0	C	2240	WBAE	SS ASHLEY LYKES	WKG CBV	GCH-WV

*** AERO ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2887.0	U	0608	CLIPPER 203	WKG SAN JUAN	GCH-WV
2899.0	U	0606	CUBANA 476	WKG SHANWICK	GCH-WV
2962.0	U	0713	LUFTHANSA 403	WKG SHANWICK	GCH-WV
3016.0	U	0449	AEROMEXICO 451	WKG SAN JUAN	POC-NH
3016.0	U	0729	AIR MOROC 205	WKG SANTA MARIA	GCH-WV
3452.0	U	0627	LUFTHANSA 5512	CLG RECIFE	GCH-WV
5320.0	U	2316	AF RESCUE 60217	WKG NEW ORLEANS	SR -MI
5526.0	U	0621	JAPAN AIR 64	WKG MANAUS	GCH-WV
5529.0	U	0718	VAR 5 754	CLG MADRID	GCH-WV
5550.0	U	0428	AEROFLOT 347	WKG NY	POC-NH
5550.0	U	0031	CLIPPER 445	WKG NY	JDW-FL
5550.0	U	0704	LVMZE	WKG NY	GCH-WV
5550.0	U	0424	OK 576	WKG CUBA	POC-NH
5550.0	U	0025	PACIFIC WESTERN 903	WKG NY	JDW-FL
5565.0	U	0623	ALITALIA 568	WKG SALVADOR RADIO	GCH-WV
5565.0	U	0507	SPEEDBIRD 245	WKG RECIFE	GCH-WV
5598.0	U	0020	CUBANA 1491	WKG NY	JDW-FL
5598.0	U	0645	HZMIC	WKG SAN JUAN	GCH-WV
5652.0	U	0537	NIGERIAN 7704	WKG ALGIERS	GCH-WV
5690.0	U	0532	MILITARY 761 HEAVY	WKG LAHR MILITARY	GCH-WV
5696.0	U	1312	CB 1430	WKG MIAMI	JDW-FL
5696.0	U	2245	CG 1472	WKG BOSTON	PK -IL
5696.0	U	0605	CG 1705	WKG HONOLULU	GCH-WV
6535.0	U	0528	LUFTHANSA 523	CLG DAKAR	GCH-WV
6577.0	U	2259	BRANIFF 9020	WKG NY	POC-NH
6577.0	U	2316	INTERFLUG 7740	WKG NY	POC-NH
6577.0	U	1803	SPEEDBIRD CONCORDE	WKG NY	GCH-WV
6577.0	U	2304	VIASA 803	WKG SAN JUAN	POC-NH
6738.0	U	1239	MAC 50249	WKG HICKAM	GCH-WV
8825.0	U	1615	MAROC 204	WKG NY	POC-NH
8842.0	C	0723	AEROFLOT 347	WKG FFNV IN CW	GCH-WV
8842.0	C	1410	RPECV	WKG COL IN CW	GCH-WV
8843.0	U	0007	FLYING TIGER 072	WKG SAN FRAN	GCH-WV
8855.0	U	0459	IBERIA 991	WKG BELEM	GCH-WV
8855.0	U	0546	VIASA 943	WKG BRASILIA	GCH-WV
8861.0	U	1924	AIR AFRIQUE 341	WKG DAKAR	POC-NH
8891.0	U	0029	UTA 501	WKG CHURCHILL	GCH-WV
8894.0	U	0014	CALEDONIAN 362	WKG NIAMEY	GCH-WV
8903.0	U	2346	SPRINGBOK 229	WKG ACCRA	GCH-WV
8980.0	U	1818	CG 6535	WKG BROOKLYN	SR -MI
8984.0	U	1319	CG 1503	WKG CLG PORTSMOUTH	JDW-FL
11182.0	U		TEAL 05	WKG SCOTT	RMA-IA

*** TACTICAL ***

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
4134.0	U	2130	9 MIKE PAPA	WKG CHARLIE 7 DELTA	KFN-FL
4415.8	U	0620	F6S	CLG E3W	RMA-IA
4742.0	U	0155	ARCHITECT	AERO WX	RSR-ON
5080.0	U	0615	PLEAD CONTROL	CLG ALPHA DELTA OCEAN 6	RT -FL
5703.0	U	1915	FIRESIDE 3	WKG P/P FOR F426	KFN-FL
8771.0	U	2048	SPARTAN	WKG CORPUS CHRISTI	POC-NH
8912.0	U	1933	SLINGSHOT	WKG AMBUSH	KFN-FL
11288.0	U	0000	OMAHA 1	WKG SLINGSHOT	SR -MI
11288.0	U	0133	OMAHA 90	WKG AMBUSH	ES -MA
11288.0	U	1635	SLINGSHOT	WKG OMAHA 24	KFN-FL
14686.0	U	1925	ATLAS	WKG SHARK 999	KFN-FL
18018.0	U	1602	ARCHITECT	FORECAST WX	ES -MA
18666.0	U	1815	ATLAS	WKG PANTHER	KFN-FL

*** QSLs ***

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTABE/ #DAYS	FREQ	CONTRB
		M/S	NIUM AMSTERDAM	33D REFUSED	4069.2	J6 -NY
			CONDOR FLIGHT 307	LETTER 21RC 42D	5616.0	EZ -ME
		M/S	JUBILEE	PPC MS 56D	8288.0	EZ -ME
			SINGAPORE AIR 02	LETTER 21RC 28D	8843.0	EZ -ME
		LDOC	SPEEDBIRD LONDON	PFC IRC 98D	8921.0	POC-NH
	3FAQ	M/S	VERA CRUZ	PPC MS 24D	8226.0	EZ -ME
	3FCV	S/S	EMERALD SEAS	PFC MS 14D	4097.1	J6 -NY
	3FIH 2		AMERIKANIS	PFC MS 31D	8731.3	J6 -NY
	C6CB	S/S	CUNARD PRINCESS	CARD MS 44D	4097.1	J6 -NY
	C6CP		STARDANCER	PFC MS 14D	4063.0	POC-NH
	CG 1710		USCG A/C	PFC MS 14D	5696.0	POC-NH
	CGQM	CCGC	MARY HICHENS	PFC MS 21D	2182.0	POC-NH
	ELAJ 4	M/V	ATLANTIC	PFC MS 20D	8288.0	J6 -NY
	ELBM 9	S/S	TROPICALE	PFC MS 168D	8260.1	POC-NH
	ELDK 9		FAIRSKY	PFC MS 22D	8288.0	POC-NH
	GBBA		SEA PRINCESS	PFC MS 26D	4097.1	J6 -NY
	H006	S/S	DOLPHIN IV	PFC MS 35D	4391.5	J6 -NY
	IBBG	T/N	COSTA RIVIERA	PFC IRC 14D	8207.4	J6 -NY
	IBBG	M/S	COSTA RIVIERA	LETTER MS 18D	12354.8	EZ -ME
	LAPJ		NORDIC PRINCE	PFC MS 19D	8207.4	J6 -NY
	LESS		SUNWARD II	PFC MS 12D	4097.1	POC-NH
	LESS	M/S	SUNWARD II	PFC MS 12D	4128.1	J6 -NY
	LKQH	M/S	SKYWARD	PFC MS 26D	4112.6	J6 -NY
	LNVP	M/S	SONG OF NORWAY	PFC MS 30D	4131.2	J6 -NY
	LX-KCV		CARIBBEAN 004	PFC IRC 10D	3016.0	POC-NH
	N100BB		WRANLER 100 (A/C)	PFC MS 10D	6577.0	POC-NH

NPCD	USS	BLAKELEY	PFC MS 70D	2716.0	POC-NH
NRDL	USCGC	INGHAM	PFC MS 204D	4134.3	POC-NH
NRPX	USCGC	BUTTONWOOD	PFC MS 45D	5320.0	JG -NY
NZON	USCGC	POINT ESTERO	PFC MS 33D	5320.0	JG -NY
UNIL		LIRCAV	LETTER 150D	500.0	HH -MD
PJCO	M/V	NOORDAM	PFC MS 22D	4097.1	JG -NY
VC 9942		IRVING ELM	PFC MS 18D	2182.0	POC-NH
ALGE 77A 8	MARCO	ALGIERS	CARD MS 300D	12662.0	MH -PA
AUST VNG	SFTS	LYNDHURST	CARD IRC 26D	4500.0	JG -NY
AZOR CUM	USAF	LJES	PPC MS 27D	6750.0	EZ -ME
BELG ODN	NAVRAD	NAVSTENDE	CARD IRC 30D	1831.0	PAC-UK
CAN VAC	CCG	COMOX	PFC MS 32D	2182.0	POC-NH
CAN VAK	CCG	VICTORIA	PFC MS 19D	2182.0	POC-NH
CAN VCO	CCG	SYDNEY	PPC #1 22D	500.0	HH -MD
CAN VOK	CCG	CARTWRIGHT	LETTER MS 27D	2598.0	JG -NY
CAPE D4B	AERO	PEDRO LUME	PFC IRC 40D	6866.0	PAC-UK
CYPR SBA	MARCO	NICOSIA	LETTER 21RC 39D	2700.0	POC-NH
CYPR SBA	MARCO	NICOSIA	LETTER 11RC 58D	2700.0	EZ -MA
CZEC OMA	SFTS	PRAGUE	CARD 21RC 174D	3170.0	ES -ME
DEN DVG	NAVRAD	FREDERIKSHAVN	PFC IRC 22	12329.0	POC-NH
ENG GKR	MARCO	PARTISHEAD	PFC MS 31D	1672.0	POC-NH
ENG GYA	NAVRAD	LONDON	LETTER MS 25D	2812.2	POC-NH
FIJI 3DN	AERO	NANDI	CARD 21RC 15D	5643.0	ES -MA
HI NMO	USCG	HONOLULU	CARD MS 105D	13113.2	POC-NH
HI NMO	USCG	HONOLULU	CARD MS 44D	13113.2	JG -NY
ITLY IDX	MARCO	TRIESTE	CARD 21RC 39D	12975.0	EZ -ME
JPAN JEX	MARCO	NAHA	PFC IRC 45D	6470.0	PAC-UK
JPAN JNA	MARCO	TOKYO	CARD IRC 37D	16922.5	POC-NH
NZEL ZLD	NAVRAD	WAIQURU	LETTER 21RC 48D	8598.4	EZ -ME
PR NMR 26	USCG	BORINGUEN	PFC MS 15D	5696.0	JG -NY
PRC XSG	MARCO	SHANGHAI	CARD 31RC 92D	12871.0	EZ -ME
SOAF ZUD	SFTS	PRETORIA	CARD MS 307D	5000.0	HH -PA
USA HMX	NDB	SAGINAW, MI	PPC MS 16D	385.0	HH -MD
USA NMC	USCG	SAN FRANCISCO	PPC MS 29D	6383.0	EZ -ME

*** CONTRIBUTORS ***

NAME	INI-ST	RECEIVER	# LOGS
AKED, ROGER	RMA-FR	EDDYST. 1650/2	5
ALEXANDER, RODNEY	RMA-IA	R 70	3
BERRI, JASON E.	UB-C	R 2000 RF 2900	25
CARLISLE, FRED	FC -WA	NRD 515	1
CONWAY, PETER A.	PAC-UK	COLLINS 57J-4	20
GERSTNER, JOHN	JG -NY	DX 1000	19
HALSTEAD, GARIE	GCH-WV	R 4B ICF 2001	43
HARDESTER, MIKE	MH -PA	R 1000/FRG 7000	2
HARVEY, SHELDON	SH -QU	R 71A	2
HOLBROOK, HANK	HH -MD	RBL 2 RBL 4	3
KERRIGAN, PATRICK	PK -IL		4
KNAPP, JEFF	JAK-OH	R 2000	47
NEWELL, KENNETH F.	KFN-FL	ICF 2001 DX 400	15
O'CONNOR, PATRICK	POC-NH	IC R71A DX 302	57
ROSS, ROBERT S.	RSR-ON	FR 101S/TS 4305	4
RUTLEDGE, STEVE	SR -MI	R 71	16
STALONY, NC6N, LEONARD	LS -CA	TS 930S R 71A	6
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	6
ZIEGLER, ED	EZ -ME	R 2000	11

TIARE PUBLICATIONS has announced the availability of a new book, "UNO-DOS-QUATRO A Guide to the Numbers Stations", by Havana Moon. Mr. Moon (?) authored a well-received column on the subject in Monitoring Times magazine and is a former member of the intelligence community. The book, more than 100 pages, can be had from Tiare Publications, PO Box 493, Lake Geneva WI 53147.

Station KKN 39 has cropped up in the last few months. The logs I have received, and the monitoring I've done, seem consistent with a US government agency, but I've not published the logs because of lack of agency ID and references in literature. Patriok O'Connor has advanced the theory that this is the Department of State. Anyone care to corroborate or contest this ID?

That's all there is room for. Hope to see you all here again next month!

Jeff

CONTRIBUTORS LIST*

MARCH 1987

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 110

2	ABBINANTE, PHIL	IL IC-R71A	2	KOLB, NEAL	NM NRD525
1	ADAMS, ROBERT	MA R2000	1	KRIST, KRAIG	VA
4	ALEXANDER, HARRY	NJ NRD525	5	LANGLOIS, HAROLD	FL
3	ALLEN, P.J.	CA ICF2002	1	LEHMAN, DIANN	MA R2000
6	ALLRED, BRENT	EC ICF2002	2	LEITE, STEPHEN	MA NRD515
1	ATKINS, GUY	WA IC-R70	4	LEVISON, HAROLD	PA IC-R70
6	BAIR, MASON	CA IC-R70	2	LUPI, PHILIP	FL
1	BARRY, JOE	CA	1	MABICK, MIKE	AZ
1	BEAVER, WILLIAM	IN FR87700	1	HANDERSCHIED, MIKE	CA ICF2001
1	BERKHOLTZ, NICHOLAS	MN ICF2001	1	MARGOLIS, ROBERT	IL
3	BERRI, JASON	CA R2000	1	MILLER, ALBERT	OH
7	BISHOP, FORREST	NY RF4000	1	MILLER, WILLIAM	CA DX400
1	BLAIR, ART	CA NRD515	1	MIYAUCHI, SATOSHI	JP T8430V
1	BOWDEN, RALPH	CA FR87700	1	MOMAN, DON	AB IC-R71A
5	BROWN, EDWARD	IL RF2200	1	MOBER, ROBERT	IL
1	BUNN, PETER	AU	1	MUZYKA, WILLIAM	NY
6	BURNELL, D. JEAN	NF RA17	4	MCENTEE, ROBERT	TX R1000
4	BUSH, DAVID	OH GE WM-2	6	NEFF, GEORGE	OH ICF4000
6	CARD, PETER	RI NRD515	1	ORR, DAVID	CA R2000
5	CARLISLE, FRED	WA NRD515	1	PALMER, BOB	WA
2	CHICKERELL, LARRY	WV DX400	3	POBIE, JAMES	TN R2000
1	CODAY, RICHARD	CA FR87700	1	PRATH, JOHN	FL IC-R71A
2	COLE, JACQUELINE	CO NRD525	5	PRESTON, WILLIAM	CA
3	COLEMAN, ROBERT	MA IC-R71A	3	QUAGLIERI, AL	NY EC950/3
5	CURTIS, WM. FREDDY	TN ICF2010	1	RADTKE, CARL	CA BPR4
4	D'ANGELO, RICHARD	PA NC190	1	RIPPEL, CHUCK	VA NRD525
2	DALY, TOM	NY NRD515	9	ROBINSON, BETSY	TN FR87700
1	DECKMAN, MIKE	CA IC-R70	4	ROCKER, RAYMOND	MS FT7570X
5	DILLON, PETER	MD DX400	2	ROSS, ROBERT	ON T8430B
1	DONEGAN, PAUL	CA ICF2010	3	RUBSELL, RICHARD	AL DX160
1	DOYLE, BOB	CT ICF2010	5	SAMPSON, DANIEL	WI R1000
2	EVANS, JAMES	TN R2000	2	SANDERSON, JACK	AZ R2000
1	FAMULARO, RALPH	JP	4	SCHLOSSMAN, MARC	CA FR87
1	FEMYER, MICHAEL	AZ R600	1	SCHULSINGER, MICHAEL	OH FR87
5	FISHER, ALLEN	NM	5	SHAFFER, LAWRENCE	PA ICF2010
1	FISHER, JOHN	MA R2000	2	SHARP, DAVID	FL R600
3	FORSBERN, RAY	WI FR87700	2	SHARPE, BRYAN	CA DX302
4	FRASER, BOB	MA CR2021	2	SHIMADA, BENSUJI	JP FR87700
1	FRIETZSCHE, A.	CA NRD515	9	SOOMRE, ED	MA R2000
1	GEORGE, NELSON	NC IC-R71A	1	SVENDSEN, JOHN	NM IC-R71E
4	GEORGE, STEVE	MA R2000	1	SMEDBERG, ERIC	OR
3	GERSTNER, JOHN	NY DX1000	6	THOMPSON, PEGGY	CA FR87
5	GOODMAN, JOEL	IA R600	1	THUNBERG, BOB	PA R1000
1	HALSTEAD, BARY	WV R4B	1	TRAUTSCHOLD, JOHN	IL SP600
1	HAMBLY, CHRIS	AU	7	TROTTO, RON	FL CR2021
1	HAMILL, ED	CA	1	TUCHSCHERER, JOHN	WI
1	HARDESTER, MIKE	PA IC-R70	2	UETAKE, ATSUD	JP NRD515
5	HAVRILKO, VINCENT	UK CR2021	4	VALENTINE, F.A.	CA IC-R70
1	HAWKINS, HUGH	TX R600	4	WAKEFIELD, PAUL	IA ICF2010
1	HEATON, JOHN	FL DX150	5	WALLEY, STEVEN	CA ICF2010
5	HESCH, RUTH	NY R1000	1	WEAVER, HOWARD	MI FR88000
1	HILL, KENNETH	MA NRD525	5	WEIKEL, FRANK	HI B-38E
1	HUFFAKER, CARL	NX HOMEBREW	2	WELCH, FRANK	MA ICF6000W
6	JANUSZ, ED	NJ ICF2010	6	WESTENHAVER, WILLIAM	PQ ICF6300W
2	JONES, BRIAN	TX IC-R70	1	WILKINS, JOHN	CO R1000
2	JONES, DAVID	TN S-181	4	WOLFFISH, NEIL	MB
1	KLEIN, KEVIN	WI	7	WRIGHT, PHILIP	MB DX400
3	KLINE, JAMES	CA FR88000	1	ZILNER, ROBERT	NM R1000
1	KLOPFENSTEIN, DAVID	OR NRC60	1	ZIRKELBACH, BOB	CA R1000

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:

SA/AFRICA/UTILITIES/QLS

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:

SA/ASIA-OCEANIA

SPEEDY *The DX Radio Magazine for Active SWLs*

BOARD OF DIRECTORS

Jack Sanderson (President) Tom Kephart (Vice-President)
 Peggy Thompson Rick Drollinger David Sharp

PUBLISHER

Tom Kephart

MANAGING EDITOR

1510-E Portabella Trail, Ft. Pleasant, MI 48858-4035
 Rick Drollinger
 9529 West Sarasota Place, Milwaukee, WI 53222-1560

BUSINESS MANAGER

Jack Sanderson

MEMBERSHIP CHAIRMAN

7738 East Hampton Street, Tucson, AZ 85715-4212
 John Trautschold

PROJECTS COORDINATOR

354 North Winston Drive, Palatine, IL 60067-4132
 Kraig Krist

AWARDS CHAIRMAN

7213 Sipes Lane, Amandale, VA 22003
 Jack Jones
 304 Robinhood Road, Jackson, MS 39206

PUBLICITY CHAIRMAN

David Sharp

SPEEDYGRAM EDITOR/PUBLISHER

3024 Gates Drive, Apartment 358, Tampa, FL 33613
 Bruce MacCibbon

CENTRAL DISTRIBUTION EDITOR

2295 NE Juniper Avenue, Gresham, OR 97030
 Peggy Thompson
 2706 Alabama Street, La Crescenta, CA 91214-2925

Subscription/Membership Rates

FIRST-CLASS MAIL to the United States \$ 18.00
 AIRMAIL to Canada and Mexico \$ 18.00
 AIRMAIL to Central America and the Caribbean \$ 24.00
 AIRMAIL to Europe and South America \$ 28.00
 AIRMAIL to Africa, Asia, Oceania and the USSR \$ 31.00
 SURFACE MAIL outside of North America \$ 18.00

ALL SUBSCRIPTION PAYMENTS must be payable to **SPEEDY** in United States funds only. Please send all subscriptions, renewals and address changes to the Business Manager at the Tucson address at right.

SPEEDY

7738 East Hampton Street
 Tucson, Arizona 85715-4212
 U.S.A.



FIRST-CLASS MAIL

TIME VALUE MATERIAL... PLEASE DO NOT DELAY