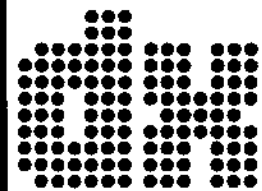


5 - 2005

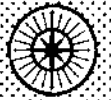
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ADIO MOSKOU
NDR RAI TVR



WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



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- WORLDWIDE DX CLUB homepage in the Internet at: <http://www.wwdxc.de>
- Weekly "TopNews" by Wolfgang Büschel at: <http://www.wwdxc.de/topnews.htm> (available also free of charge by E-Mail to our members on request)
- Latest DRM schedule at: <http://www.wwdxc.de/drm.htm>

WORLD RADIO TV HANDBOOK 2005

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DX MAGAZINE No. 5 ■ **Vol. XL** ■ **May 2005**

Hello again,

Welcome to another issue of our DX MAGAZINE. Since we have no news from inside the club this month, let's just start with our usual news from outside the club:

WRTH is pleased to announce that a pdf file containing the summer 2005 schedules from nearly 250 International, Foreign Service, Clandestine and Target broadcasters is now available for download from our website at <<http://www.wrth.com>>. The file contains 94 pages of schedules and frequency listings in the same format as WRTH and is just over 330k in size. You will need Adobe Acrobat 5 or later to open the file. Updates to this file will be posted on the WRTH website during the course of the Summer broadcasting season. We hope you find this file useful, both on it's own and as a companion to the printed WRTH.
(Sean D. Gilbert, G4UCJ, International Editor - World Radio TV Handbook)

The AIB's fourth annual **AIB Global Media Business Conference** takes place in Montreal on 6 and 7 June 2005. Register today to guarantee your place in studio 47 at the CBC's TV centre in Montreal for two days of debate about broadcasting, technology, content and strategy. Co-hosted by Radio Canada International, the international broadcasting arm of the Canadian Broadcasting Corporation, the AIB Global Media Business Conference attracts delegates and expert speakers from all over the world - it's truly global in scope, with delegates already registered from Asia, the Pacific, Europe and the Americas. Full information can be found on AIB's website: <<http://www.aib.org.uk>>.

And with this best wishes and good DX until next month from

NEWS ABOUT BROADCASTING (+other) STATIONS
Dr. Juergen Kubiak · Goltzstr. 19 · D-10781 Berlin · GERMANY

ARMENIA: The *Voice of Armenia* A05 current external schedule to WEu:
 1500-1530 in Armenian NF 11930 ERV 500 kW / 305 deg, ex 11640 for A-04
 1715-1745 in Armenian NF 9775 ERV 500 kW / 305 deg, ex 9965 for A-04
 1745-1805 in French NF 9775 ERV 500 kW / 305 deg, ex 9965 for A-04
 1805-1825 in German NF 9775 ERV 500 kW / 305 deg, ex 9965 for A-04
 1825-1845 in English NF 9775 ERV 500 kW / 305 deg, ex 9965 for A-04
 (OBSERVER Ivanov and Datzinov, via WB, 15 Apr 2005)

AUSTRALIA: A05 schedule version 1.1 of *Radio Australia* - RA transmissions. Postal address: Radio Australia, GPO Box 428G, Melbourne, VIC 3001, Australia or ABC SOUTHBANK CENTRE, SOUTHBANK BOULEVARD, SOUTHBANK 3006, VICTORIA, AUSTRALIA.

Web: <<http://www.abc.net.au/ra>>. Email: <english@ra.abc.net.au> or <radio.australia@abc.net.au>.

All English unless otherwise stated:

UTC kHz Az.

Shepparton

A 100kW

2130-1100 15415 329 [apparently means English except:]

2130-2330 In, 0000-0030 In, 0400-0430 In, 0500-0530 In, 0800-0830 In*,
0900-0930 In*

1100-1900 9475 329 1300-1430 M [means English except 13-1430?]

1900-2100 9500 329

B 100kW

2330-0900 17750 329

0900-1300 11880 329

1300-1700 11660 329 1300-1430 M [means English except 13-1430?]

1700-2100 11880 050

2100-2330 11695 329 2130-2330 In [means English except 2130-2330?]

C 100kW

2300-0200 17795 050

0200-0700 15515 070

0700-0900 13630 050

0900-1400 6020 030 0900-1100 Tok Pisin [means English except 09-11?]

1400-1800 5995 030

1800-2100 7240 030 2000-2100 Tok Pisin* [means English except 20-21?]

2100-2300 15515 030

D 100kW

0000-0200 17715 070

0200-0500 21725 355

0500-0800 15160 065

0800-1400 9580 070

1400-1700 7240 050

1700-2000 9580 070

2000-2200 11660 070

2200-2400 21740 070

E 100kW

2300-0800 13630 353

0800-1100 9710 353 0900-1100 Tok Pisin [ditto]

1100-1400 9560 353

1400-1800 6080 334

1800-2100 6080 005 2000-2100 Tok Pisin* [ditto]

2100-2300 13630 065

F 100kW

0000-0800 15240 030

0800-1600 9590 030

1600-2000 9710 030

2000-2200 11650 030

2200-2400 15230 030

Brandon

G 10kW

2100-0800 9660 010 2200-2300 BBC

0800-1400 5995 010 0900-1100 Tok Pisin [ditto]

J 10kW

2000-1200 12080 080 2200-2300 BBC, 0900-1100 Tok Pisin [ditto]

Relay via Taiwan

0500-0530 11745 In

0800-0830 11550 In

0800-1130 15240

2200-2330 15240

* Mo-Fr only, Sa&Su English, In = Indonesian, M = Mandarin Chinese

(Re-arranged from RA excel worksheet by GH in DXLD #5-060; April 6, 2005)

EGYPT: Radio Cairo, the External Service of period A05, **VOICE OF THE ARABS** and GENERAL PROGRAMME of the **Egyptian Radio** RTV. Address: Radio Cairo, Egyptian Radio and Television Union, PO Box 11511, Cairo, Egypt. Transmitter Site: ABS = Abis - 250/500 kW transmitters; ABZ = Abu Zaabal - 100/250/500 kW transmitters. (JKB)

| UTC | KHZ | PROGRAM | TARGET AREA | 1600-1800 | 9990 | ALBANIAN | ALBANIA |
|-----------|-------|-----------------|-----------------------|-----------|-------|--------------------|-----------------|
| 0030-0430 | 11885 | ARABIC | E. N. AMERICA | 1630-1730 | 15155 | SOMALI | E. & C. AFRICA |
| 0045-0200 | 7260 | SPANISH | N. AMERICA | 1630-1830 | 11880 | ENGLISH | C. & S. AFRICA |
| 0045-0200 | 11755 | SPANISH | C. AMERICA | 1645-1730 | 11760 | SHONA | C. & S. AFRICA |
| 0045-0200 | 9415 | SPANISH | S. AMERICA | 1730-1815 | 11760 | INDEBELE | C. & S. AFRICA |
| 0200-0330 | 7260 | ENGLISH | N. AMERICA | 1730-1900 | 15155 | AMHARIC | E. & C. AFRICA |
| 0700-1100 | 15115 | GENERAL PROGRAM | W. AFRICA | 1800-1900 | 7120 | RUSSIAN | W. RUSSIA |
| 1015-1215 | 17775 | ARABIC | M. EAST & AFGHANISTAN | 1800-2100 | 11830 | HAUSA | W. AFRICA |
| 1100-0300 | 12050 | GENERAL PROGRAM | N. AMERICA&EUROPE | 1830-1915 | 11880 | LINGALA | C. & S. AFRICA |
| 1115-1215 | 15810 | THAI | S. E. ASIA | 1830-1930 | 15375 | WOLOF | W. AFRICA |
| 1215-1330 | 17835 | ENGLISH | S. ASIA | 1900-2000 | 9990 | GERMAN | EUROPE |
| 1215-1315 | 18810 | MALAY | S. E. ASIA | 1900-0030 | 11665 | VOICE OF THE ARABS | C. & E. AFRICA |
| 1230-1530 | 15490 | PERSIAN | TADZHIKSTAN | 1915-2030 | 15425 | FULANI | W. AFRICA |
| 1320-1450 | 15810 | INDONESIAN | S. ASIA | 1930-2030 | 15375 | BAMBARA | W. AFRICA |
| 1330-1430 | 17835 | BENGALI | S. E. ASIA | 2000-2200 | 7210 | ARABIC | AUSTRALIA |
| 1400-1530 | 11655 | AZERI | AZERBAIJAN | 2000-2115 | 9990 | FRENCH | EUROPE |
| 1430-1600 | 15670 | PASHTO | AFGHANISTAN | 2030-2200 | 15375 | ENGLISH | W. AFRICA |
| 1500-1600 | 13665 | HINDI | S. ASIA | 2030-2230 | 15335 | FRENCH | W. AFRICA |
| 1530-1630 | 9495 | UZBEKI | UZBEKISTAN | 2100-2200 | 11830 | YORUBA | W. AFRICA |
| 1530-1630 | 15155 | AFAR | E. & C. AFRICA | 2115-2245 | 9990 | ENGLISH | EUROPE |
| 1530-1730 | 17810 | SWAHILI | C. & E. AFRICA | 2215-2330 | 11790 | PORTUGUSE | S. AMERICA |
| 1600-1800 | 13665 | URDU | S. ASIA | 2300-0030 | 11885 | ENGLISH | E. N. AMERICA |
| 1600-1645 | 11760 | ZULU | C. & S. AFRICA | 2330-0045 | 9735 | ARABIC | S. AMERICA |
| 1600-1800 | 6230 | TURKISH | TURKEY | 2330-0045 | 11755 | ARABIC | S. & C. AMERICA |

(Swopan Chakroborty, converted to plain text by WWDXC-HQ, April 21, 2005)

Radio Free Europe - RFE / Radio Liberty - RL is a U.S. government-funded, non-profit corporation broadcasting to the former Soviet Union and Eastern Europe. With the recent addition of Radio Free Afghanistan, RFE/RL broadcasts in 32 languages for more than 1,000 hours per week. Most programs are available on FM and medium wave (MW or AM) frequencies on local radio stations in countries throughout the broadcast area.

Shortwave schedule as of 21 April 2005:

| | | | | | |
|------------------------|-----------------|------------------|-----------------|--|-----------|
| Afghan Service | 1700-1800 15255 | Every day | 1400-1500 15455 | Every day | |
| 0230-0330 12140 | Every day | Farda Service | Iraqi Service | | |
| 0230-0930 15615 | Every day | 0030-0200 9615 | Every day | <i>This service does not have shortwave broadcast available.</i> | |
| 0230-0630 17670 | Every day | 0030-0400 9805 | Every day | | |
| 0330-1330 19010 | Every day | 0030-0600 9865 | Every day | | |
| 0630-1230 17685 | Every day | 0200-0400 9775 | Every day | Kazakh Service | |
| 0930-1430 15090 | Every day | 0400-0830 9510 | Every day | 0000-0100 5945 | Every day |
| 1230-1430 17600 | Every day | 0400-0600 15185 | Every day | 0000-0100 7295 | Every day |
| Armenian Service | 0400-1030 15290 | Every day | 0000-0100 9660 | Every day | |
| 1400-1500 9790 | Every day | 0600-0830 17845 | Every day | 0000-0100 9815 | Every day |
| Azerbaijani Service | 0830-1400 15690 | Every day | 0200-0300 7260 | Every day | |
| 0300-0400 9855 | Every day | 0830-1400 17755 | Every day | 0200-0300 9680 | Every day |
| 1500-1600 15160 | Every day | 1030-1400 15375 | Every day | 0200-0300 15205 | Every day |
| 1800-1900 11865 | Every day | 1400-1500 9435 | Every day | 0300-0400 9615 | Every day |
| Belarusian Service | 1400-1700 13870 | Every day | 0300-0400 11725 | Every day | |
| 0300-0500 6170 | Every day | 1400-1600 17750 | Every day | 0300-0400 11990 | Every day |
| 0300-0500 9635 | Every day | 1500-1700 15170 | Every day | 0300-0400 15215 | Every day |
| 1500-1700 9565 | Every day | 1600-1700 17670 | Every day | 1200-1300 11515 | Every day |
| 1500-1700 15215 | Every day | 1700-1900 7105 | Every day | 1200-1300 15215 | Every day |
| 1700-1900 7195 | Every day | 1700-1900 7580 | Every day | 1200-1300 17890 | Every day |
| 1700-1900 15480 | Every day | 1700-1900 9760 | Every day | 1400-1500 4995 | Every day |
| 1900-2100 7115 | Every day | 1900-2100 5860 | Every day | 1400-1600 15255 | Every day |
| 1900-2100 9750 | Every day | 1900-2000 7365 | Every day | 1400-1500 15355 | Every day |
| North Caucasus Service | 1900-2130 9505 | Every day | 1500-1600 7170 | Every day | |
| 0400-0500 9855 | Every day | 1900-2000 9540 | Every day | 1500-1600 9680 | Every day |
| 0400-0500 11780 | Every day | 2000-2130 7190 | Every day | 1500-1600 9815 | Every day |
| 0400-0500 15460 | Every day | 2000-2130 9960 | Every day | Kosovo(Albanian) Service | |
| 1700-1800 11705 | Every day | Georgian Service | 1900-1930 9705 | Every day | |
| 1700-1800 11815 | Every day | 0500-0600 9855 | Every day | 1900-1930 9840 | Every day |

| | | | | | |
|------------------|------------|----------------------|-----------|-----------------------|--------------|
| 1900-1930 15140 | Every day | 1400-1600 13755 | Every day | 1400-1500 15725 | Every day |
| Kyrgyz Service | | 1400-1500 15130 | Every day | 1400-1500 17670 | Every day |
| 0000-0200 5995 | Every day | 1400-1600 15205 | Every day | 1500-1700 9790 | Every day |
| 0000-0200 9670 | Every day | 1500-1700 9725 | Every day | 1500-1600 11885 | Every day |
| 0000-0200 12005 | Every day | 1600-1700 7220 | Every day | 1600-1700 7190 | Every day |
| 1200-1230 11930 | Every day | 1600-1700 9520 | Every day | Tatar-Bashkir Service | |
| 1200-1230 15120 | Every day | 1600-1700 15130 | Every day | 0300-0400 9815 | Every day |
| 1200-1230 17615 | Every day | 1900-2000 6105 | Every day | 0300-0400 11820 | Every day |
| 1300-1330 11930 | Every day | 1900-0000 7220 | Every day | 0500-0600 11990 | Every day |
| 1300-1330 15120 | Every day | 1900-0000 9520 | Every day | 0500-0600 12015 | Every day |
| 1300-1330 17615 | Every day | 1900-2000 9690 | Every day | 1500-1600 11990 | Every day |
| 1400-1600 5860 | Every day | 2000-2200 5955 | Every day | 1500-1600 15130 | Every day |
| 1400-1600 11780 | Every day | 2200-0000 5985 | Every day | 1900-2000 9650 | Every day |
| 1400-1600 12115 | Every day | 2200-2300 9590 | Every day | 1900-2000 11925 | Every day |
| 1400-1600 15530 | Every day | 2300-0000 7120 | Every day | Turkmen Service | |
| Romanian Service | | South Slavic Service | | 0200-0400 7295 | Every day |
| 1500-1530 11905 | Every day | 0730-0800 9555 | Every day | 0200-0400 9555 | Every day |
| 1500-1530 15380 | Every day | 0730-0800 11795 | Every day | 0200-0400 15290 | Every day |
| 1800-1900 9585 | MoTuWeThFr | 0730-0800 15260 | Every day | 1400-1700 13815 | Every day |
| 1800-1900 11815 | MoTuWeThFr | 1300-1330 9555 | Every day | 1400-1800 15120 | Every day |
| Russian Service | | 1300-1330 11795 | Every day | 1400-1600 15145 | Every day |
| 0000-0100 7120 | Every day | 1300-1330 15255 | Every day | 1600-1800 11895 | Every day |
| 0000-0100 7175 | Every day | 1600-1700 6055 | Every day | 1700-1800 9595 | Every day |
| 0000-0100 7220 | Every day | 1600-1700 7115 | Every day | Ukrainian Service | |
| 0000-0100 9520 | Every day | 1600-1700 9680 | Every day | 0300-0400 6065 | MoTuWeThFrSa |
| 0200-0400 7155 | Every day | 1600-1700 9840 | Every day | 0300-0400 7265 | MoTuWeThFrSa |
| 0200-0500 7175 | Every day | 1600-1700 11925 | Every day | 0300-0400 9710 | MoTuWeThFrSa |
| 0200-0500 7220 | Every day | 1730-1800 6130 | Every day | 0500-0600 7220 | MoTuWeThFr |
| 0200-0300 9520 | Every day | 1730-1800 9895 | Every day | 0500-0600 7265 | MoTuWeThFr |
| 0300-0500 6105 | Every day | 1730-1800 15325 | Every day | 0500-0600 11780 | MoTuWeThFr |
| 0400-0700 9520 | Every day | 1800-1900 9505 | Every day | 1600-1700 6185 | MoTuWeThFr |
| 0400-0600 9760 | Every day | 1800-1900 11715 | Every day | 1600-1700 11805 | MoTuWeThFr |
| 0500-0800 9635 | Every day | 1800-1900 15120 | Every day | 1600-1700 17815 | MoTuWeThFr |
| 0500-0800 11815 | Every day | 1800-1900 15320 | Every day | 1700-1900 11805 | Every day |
| 0500-1300 17730 | Every day | 2000-2100 5970 | Every day | 1700-1800 12035 | Every day |
| 0600-0800 15130 | Every day | 2000-2100 7165 | Every day | 1700-1800 15135 | Every day |
| 0700-0900 11855 | Every day | 2000-2100 11935 | Every day | 1800-1900 7125 | Every day |
| 0800-1000 15280 | Every day | 2200-0000 6130 | Every day | 1800-1900 11875 | Every day |
| 0800-1100 17810 | Every day | 2200-0000 9635 | Every day | Uzbek Service | |
| 0900-1100 11860 | Every day | 2200-0000 11730 | Every day | 0200-0400 12015 | Every day |
| 1000-1300 15130 | Every day | Tajik Service | | 0200-0400 12110 | Every day |
| 1000-1200 21530 | Every day | 0100-0200 4760 | Every day | 0200-0400 15145 | Every day |
| 1100-1300 11660 | Every day | 0100-0300 9695 | Every day | 1600-1700 9595 | Every day |
| 1100-1300 13745 | Every day | 0100-0400 9760 | Every day | 1600-1700 11885 | Every day |
| 1200-1300 15205 | Every day | 0200-0400 15525 | Every day | 1600-1800 11980 | Every day |
| 1400-1700 11725 | Every day | 0300-0400 11655 | Every day | 1700-1800 9390 | Every day |
| 1400-1600 11895 | Every day | 1400-1700 15370 | Every day | 1700-1800 9805 | Every day |

(RFE/RL website via JKB, 21 Apr 2005)

Radio Free Europe and **Radio Liberty** today introduced a new company logo - a silver torch with burnt-orange flame, symbolizing its modern, universal engagement in the fight for democracy. The new logo was unveiled to employees during a ceremony in Prague. During the ceremony, RFE/RL President Thomas A. Dine explained the rationale that guided the company's year-long efforts to replace the blue and silver Freedom Bell that had been RFE/RL's mark for more than half a century: "Today's markets require a new and fresh identifying symbol, appealing to new and younger publics." Dine also stated that "The flaming torch symbolizes the light of truth and information in our multimedia array of information products - on radio, television, the Internet, cell phones and in print media." The logo was created by the New York City-based design firm Chermayeff & Geismar,

which has designed logos for several U.S. government agencies, as well as multinational conglomerates. Each of RFE/RL's 27 broadcast languages, for the first time, has a separate logo in the service's own language and script - Radio Azattyk for Kyrgyzstan, Radio Svoboda for Russia, Radio Europa Libera for Romania, etc. Dine said all printed and online publications, promotion items, television programmes, and advertising will be in the language of the broadcast: "This lends new power and coherence to our brand name in the increasingly competitive markets where we operate." Dine concluded his remarks by noting that "symbols and metaphors change, but RFE/RL's mission of spreading democracy and freedom does not. (AIB industry briefing as of April 15, 2005; via WWDXC-HQ)

FRANCE: *Radio France Internationale* - RFI period A05 in English:

To Africa and the Middle East

| | | | |
|-----------------|-----------|-------------------------------------|----------|
| 0400 - 0430 Moy | 7315 (3) | 1200 - 1230 | 21620 |
| 0400 - 0430 Moy | 9805 (4) | 1600 - 1700 Mey | 15160 |
| 0400 - 0430 | 11700 | 1600 - 1700 Mey | 7170 |
| 0500 - 0530 Moy | 9825 (3) | 1600 - 1700 | 17850 |
| 0500 - 0530 Moy | 11995 (4) | 1600 - 1730 | 17605 |
| 0500 - 0530 | 15160 (3) | 1600 - 1730 | 15605 |
| 0500 - 0530 | 13680 (4) | To India | |
| 0600 - 0630 | 15160 | 1400 - 1500 Ch | 7180 (4) |
| 0600 - 0630 | 17800 | 1400 - 1500 Ch | 9580 (3) |
| 0600 - 0630 Asc | 11665 | 1400 - 1500 | 15615 |
| 0700 - 0800 Moy | 15605 | | |
| 1200 - 1230 Asc | 17815 | (3) until September 4 th | |
| 1200 - 1230 Asc | 17815 | (4) from September 4 th | |

(RFI website via Jean-Michel Aubier, 2005 March 27, dxldyg via DXLD #5-055)

GERMANY: Commencing from Wednesday, 27th April 2005 *The Overcomer Ministry* will use a new schedule to broadcast for Europe and ME.

1400-1559 13810 SEEUR and ME
 1459-1559 6110 WEUR
 1559-1759 5980 WEUR
 1559-1759 9845 EUR, EEUR, NEUR, SEUR, Russia

Based on this new schedule, *T-Systems* kindly request for reception reports of the new frequencies for The Overcomer Ministry transmissions on shortwave. Your future reception reports also would be highly appreciated. Please feel free to send them to <Walter.Brodowsky@t-systems.com> and T-Systems will forward them to their Customers, too.

(Walter Brodowsky - Account Manager for short-wave broadcast T-Systems; via WWDXC-HQ; April 26, 2005)

GREECE: The *Voice Of Greece* - ERA5 A05 short wave transmission schedule. Language Greek. other mentioned:

| | | | |
|----------------|------------------------|--------------------------------|-----------------------|
| EUROPE | | 1300-2100 | 9420 |
| 0000-0600 | *7475 9420 *5865 | 2100-2400 | 9420 7475 |
| 0600-0700 | 15630 9420 | FOREIGN LANGUAGE TRANSMISSIONS | |
| 0700-1000 | 15630 9420 11645 | 1300-1400 | 15650 Ar,D |
| 1100-1300 | 9375 15630 | 1400-1900 | 12105 |
| 1100-1200 | 15650 | | Rus,E,R,Tr,Sc,Bg,Al,F |
| 1300-1600 | 9420 15630 *9375 | 0900-1700 | 792 |
| 1600-1900 | 9420 15630 7475 | 1730-1800 | 792 |
| 1900-2100 | 9420 *15630 7475 *9375 | 2000-2130 | 792 |
| 2100-2300 | 9420 7475 | 2200-2300 | 792 |
| 2300-2400 | 9420 7475 5865 | TASKEND | |
| ATLANTIC OCEAN | | 1200-1300 | *15650 |
| 0000-0600 | 9420 *7475 | M. EAST, INDIAN OCEAN | |
| 0600-1000 | 15630 9420 15650 | 0000-0200 | 15650 |
| 1100-2100 | *15630 | 0400-0600 | *15650 |

0400-0700 *17520
 0600-1000 21530
 1200-1300 *15650
 2100-2300 * 9375
 2100-2400 *12105
 0900-1400 1260
 AFRICA
 0000-0200 9375
 0600-1000 15650
 2300-2400 9375
 JAPAN, PACIFIC OCEAN
 0600-0800 15190
 0600-0700 **15190
 1200-1300 *15650
 AUSTRALIA
 0000-0200 15650

0400-0700 *17520
 0400-0600 *15650
 0600-1000 21530
 1200-1300 *15650
 2100-2300 *9375
 2100-2400 *12105
 NORTH AMERICA
 0000-0400 9420 7475
 1200-1500 9775
 1200-1600 **9775
 1600-2200 17705
 SOUTH AMERICA, PANAMA ZONE, SW AFRICA
 0000-0200 9375
 2000-2200 17565
 2300-2400 9375

Gr=Greek, Eng=English, Al=Albanian, Ar=Arabian, D=Deutsche, Bg=Bulgarian, F=French, E=Spanish, I=Italian, Pl=Polish, P=Portuguese, R=Romanian, Rus=Russian, S=Swedish, Sc=Servocroatian, Tr=Turkish.

(*) Transmission end 10 min earlier.

(**) On Saturday and Sunday UTC 1200-1600 (9775) for North America and UTC; 0600-0700 (15190) for Japan, Pacific Ocean.

(via Eike Bierwirth - dxldyg via DXLD #5-057; April 1, 2005)

INDIA: A05 schedule valid 27th March to 29th October 2005 of *Trans World Radio India* - *TWR* via several transmitters of CIS:

| START | END | FREQ | LANGUAGE | DAYS | LOC | POW | 0030 | 0130 | 15580 | NEPALI | 2 | 3 | 4 | 5 | 6 | NVS | 250 | | | | | | |
|-----------------------|------|-------|----------|---------------|-----|-----|------|------|-------|----------|---------|--------|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|
| SUMMARY | | | | | | | | | | | | | | | | | | | | | | | |
| 1230 | 1500 | 9395 | VARIOUS | 2 3 4 5 6 | IRK | 250 | 1330 | 1315 | 9445 | GARHWALI | 1 | 2 | 3 | 4 | 5 | 6 | NVS | 200 | | | | | |
| 1330 | 1445 | 9395 | VARIOUS | 1 | IRK | 250 | 1300 | 1330 | 9445 | HINDI | | | | | | | 7 | NVS | 200 | | | | |
| 1230 | 1445 | 9395 | VARIOUS | | 7 | IRK | 250 | 1315 | 1330 | 9445 | KUMAONI | 1 | | | | | | | NVS | 200 | | | |
| 1300 | 1530 | 9445 | VARIOUS | 1 2 3 4 5 6 7 | NVS | 200 | 1300 | 1315 | 9445 | DOGRI | | 2 | 3 | 4 | 5 | 6 | | | NVS | 200 | | | |
| 1530 | 1545 | 9445 | VARIOUS | 2 3 4 5 6 | NVS | 200 | 1330 | 1430 | 9445 | HINDI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | NVS | 200 | | | |
| 0115 | 0145 | 15580 | VARIOUS | 1 | NVS | 250 | 1430 | 1500 | 9445 | PUNJABI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | NVS | 200 | | | |
| 0015 | 0145 | 15580 | VARIOUS | 2 3 4 5 6 7 | NVS | 250 | 1500 | 1515 | 9445 | HINDI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | NVS | 200 | | | |
| 2330 | 2400 | 11965 | KOKBOROK | 2 3 4 5 6 | A-A | 200 | 1515 | 1530 | 9445 | HINDI | | 2 | 3 | 4 | 5 | 6 | | | NVS | 200 | | | |
| 2345 | 2400 | 11965 | KOKBOROK | | 7 | A-A | 200 | 1515 | 1530 | 9445 | BRAJ BH | 1 | | | | | | | 7 | NVS | 200 | | |
| 0000 | 0030 | 11965 | ASSAMESE | 2 3 4 5 6 7 | A-A | 200 | 1530 | 1545 | 9445 | BHOJPURI | | 2 | 3 | 4 | 5 | 6 | | | NVS | 200 | | | |
| 0030 | 0045 | 11965 | BENGALI | 2 3 4 5 6 | A-A | 200 | 1230 | 1245 | 9395 | DZONKHA | | 2 | 3 | 4 | | | | | | IRK | 250 | | |
| 1630 | 1645 | 9475 | DARI | 2 3 4 | SAM | 250 | 1230 | 1245 | 9395 | MAITHILI | | | | | 5 | 6 | | | | IRK | 250 | | |
| 1600 | 1630 | 9475 | PASHTO | 2 3 4 5 6 | SAM | 250 | 1230 | 1245 | 9395 | SANTHALI | | | | | | | | | | 7 | IRK | 250 | |
| SHORTWAVE - BREAKDOWN | | | | | | | | | | | | | | | | | | | | | | | |
| 1600 | 1630 | 9475 | PASHTO | 2 3 4 5 6 | SAM | 250 | 1245 | 1315 | 9395 | MAITHILI | 2 | 3 | 4 | 5 | 6 | | | | | IRK | 250 | | |
| 1630 | 1645 | 9475 | DARI | 2 3 4 | SAM | 250 | 1245 | 1300 | 9395 | KUI | | | | | | | | | | 7 | IRK | 250 | |
| 2330 | 2400 | 11965 | KOKBOROK | 1 2 3 4 5 | A-A | 200 | 1300 | 1315 | 9395 | HO | | | | | | | | | | 7 | IRK | 250 | |
| 2345 | 2400 | 11965 | KOKBOROK | | 6 | A-A | 200 | 1315 | 1330 | 9395 | BENGALI | | | | | | | | | 7 | IRK | 250 | |
| 0000 | 0030 | 11965 | ASSAMESE | 2 3 4 5 6 7 | A-A | 200 | 1330 | 1345 | 9395 | BUNDELI | | | | | | | | | | 7 | IRK | 250 | |
| 0030 | 0045 | 11965 | BENGALI | 2 3 4 5 6 | A-A | 200 | 1345 | 1400 | 9395 | BUNDELI | 1 | | | | | | | | | 7 | IRK | 250 | |
| 0115 | 0130 | 15580 | HINDI | | 7 | NVS | 250 | 1330 | 1345 | 9395 | MARWARI | 1 | | | | | | | | | IRK | 250 | |
| 0130 | 0145 | 15580 | TIBETAN | 1 | NVS | 250 | 1400 | 1415 | 9395 | MOUCHI | 1 | | | | | | | | | 7 | IRK | 250 | |
| 0100 | 0115 | 15580 | NEWARI | | 7 | NVS | 250 | 1345 | 1415 | 9395 | URDU | | 2 | 3 | 4 | 5 | 6 | | | | IRK | 250 | |
| 0030 | 0100 | 15580 | DZONKA | | 7 | NVS | 250 | 1415 | 1430 | 9395 | CHODHRY | 1 | | | | | | | | 7 | IRK | 250 | |
| 0015 | 0030 | 15580 | KURHUK | | 6 | 7 | NVS | 250 | 1430 | 1445 | 9395 | BHILI | 1 | | | | | | | | 7 | IRK | 250 |
| 0015 | 0030 | 15580 | MAGHAI | | | 5 | NVS | 250 | 1415 | 1430 | 9395 | GAMIT | | 2 | 3 | 4 | | | | | IRK | 250 | |
| 0015 | 0030 | 15580 | SADRI | | 3 | 4 | NVS | 250 | 1430 | 1500 | 9395 | SINDHI | | 2 | 3 | 4 | 5 | 6 | | | IRK | 250 | |
| 0015 | 0030 | 15580 | MUNDARI | 2 | | | NVS | 250 | 1415 | 1430 | 9395 | VASAVI | | | | | 5 | 6 | | | IRK | 250 | |

(TWR-India Shakti Verma - Delhi, via Alokesh Gupta via WDXC-HQ; March 18, 2005)
 Address of TWR India: TWR - India Office, L -15, Green Park, New Delhi - 110016, India.
 The above relay transmitter locations are: A-A Alma Ata (KAZ), IRK Irkutsk (RUS), NVS

Novosibirsk (RUS) and SAM Samara (RUS). (JKB)

IRAN: A05 schedule *Voice of the Islamic Republic of Iran - VOIRI* Tehran. Postal address: Islamic Republic of Iran Broadcasting, Vali-e asr Ave, Jame Jam St., P.O. Box 19395-6767, Teheran. For German language service: IRIB Deutsches Programm (German Service), Bundespressehaus, Zimmer 1305, Schiffbauerdamm 40, D-10117 Berlin, Germany. eMail: <IRIBWORLD@IRIB.COM>, Internet: <<http://www.irib.com>>.

| | | | | | | | |
|---------------------------------------|-----------|--------|--------------|-----------------------------|------------|--------|---------------|
| Albanian | | | | Hausa | | | |
| 0630-0730 | 13810s | 15235k | | 0600-0700 | 17810s | 17870s | |
| 1830-1930 | -P 7295s | | | 1830-1930 | 11860s | 11930k | |
| 1830-1930 | 9545k | 9570s | | Hebrew | | | |
| 2030-2130 | 11775k | 9535s | | 0430-0500 | 9610k | 11875s | |
| Arabic | | | | 1900-1930 | 3985a | 5970k | |
| 0230-1430 | 13790k | 13800z | | Hindi | | | |
| 0330-1630 | 15125m | | | 0230-0300 | 15165s | 17635s | |
| 0530-1630 | 15150s | | | 1430-1530 | 11695k | 13805s | |
| 1530-0330 | 7285m | | | 1430-1530 | -P 12030s | | |
| 1630-0330 | 3985m | 6025m | | Italian | | | |
| 1630-0530 | 9935s | | | 0630-0730 | 15085k | 17560k | |
| Arabic (Voice of Palestine)[presumed] | | | | 1930-2000 | 7295s | 9615k | |
| 0330-0430 | 9610k | 11875s | | Japanese | | | |
| Armenian | | | | 1300-1330 | 15555s | 17810k | |
| 0300-0330 | 12025s | | | 2100-2130 | 11990s | 12010s | |
| 0300-0330 | -P 9545s | 11710s | | Kazakh | | | |
| 0930-1000 | 15260s | 9695k | | 0130-0230 | 11785s | 11935s | |
| 1630-1730 | 7230s | 9780s | | 1300-1400 | 11665k | 13615s | |
| Azeri | | | | Kurdish/Kirmanji [presumed] | | | |
| 0330-0530 | 13710s | | | 1330-1630 | 5990k | | |
| 1430-1700 | 6200s | | | Kurdish/Sorani | | | |
| Bengali | | | | 0330-0430 | 7255k | 11920s | |
| 0030-0130 | 9855k | 9890s | | Malay | | | |
| 0830-0930 | 11705a | | | 1230-1330 | 15200s | 17555k | |
| 1430-1530 | 9810k | 12090k | 9940k | 1230-1330 | -P 17625k | | |
| 1430-1530 | -P 9520k | 12015k | | 2230-2330 | 7310s | 9820k | |
| Bosnian | | | | Mandarin | | | |
| 0530-0630 | 15235k | 15340s | | 1200-1300 | 15160k | 15190k | 17535s 17545s |
| 1730-1830 | 7295k | 9860s | | 2330-0030 | 11785k | 11975s | 13715s |
| 1730-1830 | -P 9835s | | | 2330-0030 | -P 11735k | 12000s | 15230s |
| 2130-2230 | 11875k | 9810s | | Pashto | | | |
| Dari | | | | 0230-0330 | 7130s | 9605k | |
| 0300-0630 | 11910k | 13740a | | 0730-0830 | 11990s | 13770a | |
| 0830-1430 | 13720a | | | 0730-0830 | -P 15440a | | |
| 0830-1430 | -P 15480a | | | 1230-1330 | 11730k | 6175s | 9790s |
| 0830-1500 | 9930k | | | 1230-1330 | -P 11870k | | |
| English | | | | 1430-0430 | -M-P 3945z | | |
| 0130-0230 | 9495k | 11875s | | 1430-1530 | -M 7270z | | |
| 1030-1130 | 15600 | 17660k | | 1630-1730 | 6000s | 7195a | |
| 1530-1630 | 9635s | 11650k | | 1630-1730 | -P 6015s | | |
| 1930-2030 | 7205k | 9800s | 9925k 11860s | Russian | | | |
| 1930-2030 | -P 11660s | 11670k | | 0300-0330 | 11925k | 9650s | |
| French | | | | 0500-0530 | 11870k | 15215s | 17595s 17655s |
| 0630-0730 | 15430s | 17590k | | 1430-1530 | 7165k | 9580s | 9900a |
| 0630-0730 | -P 13750k | | | 1700-1800 | 3985k | 7175a | |
| 1830-1930 | 13755k | 15085k | 9905s | 1700-1800 | -P 5985k | 7210a | |
| German | | | | 1800-1900 | 6205s | 7235k | |
| 0730-0830 | 15085k | 15430s | | 1800-1900 | -P 7260k | | |
| 0730-0830 | -P 13690s | | | 1930-2030 | 3985k | 7175s | |
| 1730-1830 | 11855s | 15085k | | Spanish | | | |
| 1730-1830 | -P 11930s | | | 0030-0230 | 9655k | | |

0030-0230 -P 11610k
 0030-0330 9905k
 0030-0330 -P 7220k
 0530-0630 15530k 17785s
 2030-2130 7300k 9650s

Swahili

0330-0430 15265s 15340k
 0830-0930 15240k 17660k
 1730-1830 7165s 9655k

Tajik

0100-0230 6175k 7285s
 0100-0230 -P 9735s
 1600-1730 5945k 5955s

Turkish

0430-0600 13640k 15260k
 1600-1730 7165k 9870k

Urdu

0130-0230 7205z 9480a 9845k
 0130-0230 -P 7220k 9785k 11965a
 1330-1430 11695k 6175s 9665k
 1330-1430 -P 5960s
 1530-1730 -M 7270z
 1730-1800 7220k 9530s

Uzbek

0230-0300 9740k 11945s
 0230-0300 -P 6175k
 1500-1600 5945k 5955s

Transmitters:

a = Ahwaz
 k = Kamalabad
 m = Mashad
 s = Sirjan
 z = Zahedan

NB [by GH]: -P and -M are not explained!

(via Swopan Chakroborty, DXLD, via GH, re-arranged by Alan Roe, WDXC & DXLD #5-048, 2005 March 19)

ITALY: Transmission schedule A05 of *RAI International*. [Schedule is only available in Italian on RAI Website, Ed.]:

| | | | | | | | | | |
|-----------|-----------------|-------|-------|-------|-----------|--------------|-------|-------|-------|
| 0055-0115 | INGLESE | 11800 | | | 1500-1525 | ITALIANO | 9670 | 11720 | |
| 0055-0115 | SPAGNOLO | 9840 | | | 1500-1525 | ITALIANO | 11915 | | |
| 0115-0130 | FRANCESE | 11800 | | | 1500-1525 | ITALIANO | 9670 | 11720 | |
| 0115-0130 | PORTOGHESE | 9840 | | | 1520-1540 | GRECO | 9780 | 11775 | |
| 0130-0230 | ITALIANO | 11765 | | | 1530-1555 | FRANCESE | 9670 | 11855 | |
| 0130-0230 | ITALIANO | 6110 | | | 1540-1600 | BULGARO | 9780 | 11775 | |
| 0130-0315 | ITALIANO | 11800 | | | 1555-1625 | ITALIANO | 9670 | 11855 | |
| 0130-0315 | ITALIANO | 9840 | | | 1605-1625 | RUSSO | 9555 | 11700 | |
| 0315-0335 | SPAGNOLO | 11800 | | | 1630-1655 | ARABO | 11915 | | |
| 0315-0335 | SPAGNOLO | 9840 | | | 1630-1655 | FRANCESE | 7275 | 9675 | 11855 |
| 0345-0405 | RUSSO | 5970 | 9670 | 11830 | 1700-1800 | ITALIANO | 7175 | 9675 | 11890 |
| 0405-0425 | UCRAINO | 5970 | 9670 | 11830 | 1700-1800 | ITALIANO | 15320 | | |
| 0435-0445 | ITALIANO | 7235 | 9800 | | 1700-1800 | ITALIANO | 15385 | | |
| 0435-0445 | ITALIANO | 6110 | | | 1700-1800 | ITALIANO | 11970 | | |
| 0435-0455 | AMARICO | 11900 | | | 1805-1825 | TEDESCO | 6040 | 9845 | |
| 0445-0500 | INGLESE | 7235 | 9800 | | 1810-1825 | CECO | 6130 | | |
| 0445-0500 | INGLESE | 6110 | | | 1825-1840 | SLOVACCO | 6130 | | |
| 0455-0530 | ITALIANO | 11900 | | | 1830-1905 | ITALIANO | 15380 | 17780 | |
| 0505-0525 | LITUANO | 9670 | 11795 | | 1840-1900 | POLACCO | 6130 | | |
| 0530-0550 | RUMENO | 9670 | 11795 | | 1910-1930 | SERBO | 6130 | | |
| 0530-0550 | SOMALO | 11900 | | | 1910-1930 | SOMALO | 11890 | | |
| 0600-0620 | ARABO | 11900 | | | 1935-1955 | INGLESE | 5960 | 9845 | |
| 0600-0620 | RUSSO | 9670 | 11795 | | 1935-1955 | UNGHERESE | 6130 | | |
| 0630-1300 | ITALIANO | 9670 | | | 2000-2020 | RUSSO | 6185 | 9615 | 11805 |
| 1000-1100 | ITALIANO | 11920 | | | 2000-2020 | SVE-DAN-ESPE | 6110 | 9780 | |
| 1245-1630 | ITALIANO-CALCIO | 17780 | | | 2025-2045 | ARABO | 6110 | 7130 | |
| 1245-1630 | ITALIANO-CALCIO | 21515 | | | 2025-2045 | INGLESE | 6050 | 11875 | |
| 1245-1630 | ITALIANO-CALCIO | 9670 | | | 2050-2110 | PORTOGHESE | 6110 | 7130 | |
| 1245-1630 | ITALIANO-CALCIO | 11915 | | | 2050-2110 | PORTOGHESE | 15240 | | |
| 1245-1630 | ITALIANO-CALCIO | 15515 | | | 2050-2110 | PORTOGHESE | 11875 | | |
| 1330-1345 | ARABO | 567 | | | 2110-2130 | SPAGNOLO | 6110 | 7130 | |
| 1330-1355 | ARABO | 9670 | 11900 | | 2115-2135 | RUMENO | 5970 | | |
| 1330-1355 | ARABO | 11915 | | | 2135-2155 | ARABO | 6000 | 7295 | |
| 1335-1355 | ALBANESE | 9610 | | | 2135-2155 | CECO | 5970 | | |
| 1400-1415 | SLOVENO | 9570 | | | 2155-2210 | SLOVACCO | 5970 | | |
| 1400-1425 | ITALIANO | 15280 | 17780 | | 2200-0400 | ITALIANO | 6060 | | |
| 1415-1435 | TEDESCO | 9570 | | | 2200-0400 | ITALIANO | 1332 | | |
| 1435-1455 | CROATO | 9570 | | | 2200-0400 | ITALIANO | 900 | | |
| 1500-1520 | TURCO | 9780 | 11775 | | 2205-2230 | INGLESE | 11895 | | |

2210-2225 POLACCO 5970
2240-0055 ITALIANO 11800

2240-0055 ITALIANO 9840

(via A. Borgnino, via Roberto Scaglione <http://www.bclnews.it> via DXLD #5-047, 2005 March 17)

JAPAN: China's premier financial services and media company, announced yesterday that it will launch a weekly financial news radio show in Japanese on the prestigious Nikkei Radio Broadcasting Corporation (*Radio Nikkei*) network on April 3. The 30-minute programme, to be called "Xinhua Finance Information" and broadcast Sunday mornings at 0900 Japanese time (0000 UTC) with re-broadcast each Monday at 0630 (Sunday 2130 UTC), will feature the latest financial news and commentary on China business as well as interviews with top Chinese and Japanese business people on the situation in the China markets. Radio Nikkei is a popular radio station in Japan, operated by the Nihon Keizai Shimbun (Nikkei) Group, with very high listener ratings amongst Japanese retail investors. The Xinhua Finance show will be broadcast over four media: 1st Channel of Radio Nikkei (shortwave service), the Radio Nikkei channel by BS broadcasting service, on-demand basis through the Radio Nikkei website, and the mobile satellite network, "MobaHO!" Radio Nikkei 1st channel broadcasts on 3925, 6055 and 9595 kHz.
(©RNMN April 01, 2005 by AS; via JKB)

PORTUGAL: Additional technical information according schedule published last month for transmissions of *RDP Internacional* period A05.

| UTC | kHz | KW | Beam | | | | |
|------------------------|-------|-----|----------|----------------------|-------|-----|---------|
| | | | | 1000-1700 | 21830 | 100 | 144 deg |
| Eur, Mon-Fri | | | | 1700-2000 | 17680 | 300 | 144 deg |
| 0500-0700 | 7240 | 300 | 45 deg | 1900-2300# | 11945 | 300 | 144 deg |
| 0700-0755 | 9815 | 300 | 45 deg | NAm, Mon-Fri | | | |
| 0500-0755 | 9840 | 100 | 52 deg | 1200-2300# | 15560 | 100 | 294 deg |
| 0645-0800 | 11850 | 250 | 55 deg | 2300-0200 | 9715 | 100 | 294 deg |
| 0800-1200 | 12020 | 300 | 45 deg | 2300-0200 | 11630 | 100 | 310 deg |
| 1600-1900 | 13770 | 100 | 52 deg | NAm, Sat+Sun | | | |
| 1600-1900 | 11905 | 300 | 45 deg | 1200-2000 | 15560 | 100 | 294 deg |
| 1900-2300# | 9820 | 300 | 45 deg | 2000-2300# | 15560 | 100 | 294 deg |
| 1900-2300# | 13820 | 100 | 52 deg | NW SoAm, Mon-Fri | | | |
| Eur, Sat+Sun | | | | 1700-2300# | 15555 | 100 | 261 deg |
| 0700-1355 | 12020 | 300 | 45 deg | 2300-0200 | 13700 | 100 | 261 deg |
| 0700-1345 | 13640 | 100 | 52 deg | Sat+Sun | | | |
| 0830-1000 | 11955 | 250 | 55 deg | 1200-2000 | 17615 | 100 | 261 deg |
| 1400-1800 | 15555 | 100 | 52 deg | 1900-2300# | 15555 | 100 | 261 deg |
| 1800-2000 | 11700 | 100 | 52 deg | SoAm + WAfr, Mon-Fri | | | |
| 1400-2000 | 13770 | 300 | 45 deg | 1000-1200 | 15575 | 100 | 226 deg |
| 1900-2300# | 13720 | 100 | 52 deg | 1600-1900 | 21655 | 100 | 226 deg |
| 1900-2300# | 9820 | 300 | 45 deg | 1600-2000# | 21655 | 100 | 226 deg |
| ME+India, Mon-Fri only | | | | 2000-2300# | 15295 | 100 | 226 deg |
| 1300-1500 | 15770 | 100 | 81.5 deg | Sat+Sun | | | |
| Africa, Mon-Fri | | | | 0700-1000 | 12000 | 300 | 226 deg |
| 1000-1200 | 21830 | 100 | 142 deg | 1000-2000 | 21655 | 300 | 226 deg |
| 1600-1900 | 17680 | 300 | 144 deg | 2000-2300# | 15295 | 100 | 226 deg |
| 1900-2300# | 11945 | 300 | 144 deg | ESoAm, Mon-Fri | | | |
| Africa, Sat+Sun | | | | 2300-0200 | 13660 | 100 | 215 deg |
| 0700-1000 | 15160 | 100 | 144 deg | 2300-0200 | 15295 | 300 | 226 deg |

indicates special broadcasts, which only take place on certain occasions, usually for relaying major football matches.

Tx sites:

RDP - CEOC-Centro Emissor de Onda Curta, São Gabriel, Pegões: 5 x 100 kW, 2 x 300 kW.
Pro-Funk, Sines: 3 x 250 kW.

(via Carlos Gonçalves, 2005 March 18, DXLD #5-049)

ROMANIA: A05 schedule of *Radio Romania International - RRI*. Homepage at the Internet is <<http://www.rri.ro>> and postal address is: Radio Romania International, 60-62 General Berthelot Street, P.O. Box 111, Bucharest. E-Mail <rri@rri.ro>.

| | | | | | | | | | | | |
|----------|-----------|-------|-------|-------|-------|--|-----------|-----------|-----------|-------|-------------------|
| ARABIC | 0730-0756 | 9770 | 11875 | 11980 | 15340 | | 2030-2056 | 6045* | | | |
| | 1500-1556 | 9595 | 11745 | 11970 | 15240 | | ROMANIAN | 0800-0856 | Sun | 11970 | 15270 15370 17805 |
| ROMANIAN | 1600-1626 | 7135* | | | | | | 0900-0956 | Sun | 15430 | 15450 17770 17860 |
| | 1800-1826 | 7235* | | | | | | 1000-1056 | Sun | 11830 | 15250 15380 17740 |
| | 2000-2026 | 6175* | | | | | | 1200-1256 | | 9750 | 11920 |
| CHINESE | 0500-0526 | 15445 | 17740 | | | | | 1400-1456 | | 9760 | 11965 |
| | 1400-1426 | 15225 | 17810 | | | | | 1600-1656 | | 9690 | 11960 |
| ENGLISH | 0100-0156 | 6040 | 9690 | 11820 | 15430 | | | 1700-1756 | | 9765 | 11865 |
| | 0400-0456 | 9780 | 11820 | 15140 | 17860 | | | 1800-1856 | | 9625 | 11765 |
| | 0630-0656 | 9655 | 11830 | | | | | 2000-2056 | | 9515 | 11925 |
| | 1300-1356 | 11830 | 15105 | | | | RUSSIAN | 0530-0556 | | 7285 | 9555 |
| | 1800-1856 | 9635 | 11830 | | | | | 1430-1456 | | 9690 | 11955 |
| | 2130-2156 | 7165 | 9535 | 9645 | 11940 | | | 1600-1656 | | 7120 | 9680 |
| | 2300-2356 | 6140 | 7265 | 9645 | 11940 | | | SERBIAN | 1530-1556 | 7135* | |
| FRENCH | 0200-0256 | 6135 | 9715 | | | | | 1730-1756 | | 7240* | |
| | 0600-0626 | 7220 | 9655 | | | | | 1930-1956 | | 6110* | |
| | 1100-1156 | 11830 | 15250 | 15380 | 17740 | | SPANISH | 0000-0056 | | 9760 | 11935 11970 15140 |
| | 1700-1756 | 9535 | 11765 | | | | | 0300-0356 | | 9700 | 9775 11725 11970 |
| | 2100-2126 | 7255 | 9585 | | | | | 2000-2056 | | 11940 | 15465 |
| GERMAN | 0700-0726 | 7225 | 9790 | | | | | 2200-2256 | | 11940 | 15255 |
| | 1200-1256 | 9515 | 11775 | | | | UKRAINIAN | 1500-1526 | | 7210* | |
| | 1900-1956 | 7165 | 9590 | | | | | 1700-1726 | | 7240* | |
| ITALIAN | 1630-1656 | 7135* | | | | | | 1900-1926 | | 7175* | |
| | 1830-1856 | 7130* | | | | | | | | | |

* via Saftitza 50 kW

(OBSERVER #361 by Ivanov and Datzinov, via WB, 2005 Apr 29)

SWEDEN: *Radio Sweden*'s address: S-105 10 Stockholm, Sweden. WWW: <<http://www.radiosweden.org>> E-mail: <info@P6.sr.se> or <radiosweden@sr.se>. Radio Sweden's A05 English broadcast schedule for the period beginning March 27, 2005: Europe and Africa/Middle East:

1230-1300 15735 (70°)
 1330-1400 15735 (85°)
 1730-1800 6065 (140°-240°) and MW 1179 Mondays-Saturdays
 1900-1930 MW 1179 Mondays-Saturdays
 1930-2000 6065 (140°-240°)
 2130-2200 6065 (140°-240°), 7420 (70°) via Madagascar and MW 1179

Asia/Pacific:

0130-0200 9435 (50°) via Madagascar
 1230-1300 13580 (40°) and 15735 (70°)
 1330-1400 15735 (85°)

North America:

0130-0200 6010 (240°) via Sackville
 0230-0300 6010 (268°) via Sackville
 1230-1300 15240 (305°)
 1330-1400 15240 (272°) via Sackville

You can listen daily program in RealAudio also at:

<<http://www.sr.se/rs/diverse/AppData/Eng/sounds/english.rm>> or download from

<<http://www.sr.se/laddahem/rs/aktuell/engakt.rm>>.

(George Wood - MediaScan via WDXC-HQ; March 16, 2005)

SWITZERLAND: *Swissinfo.org*, website successor to *Swiss Radio International*, to be eliminated except for small English component. Content in Arabic, Spanish, Portuguese, Chinese and Japanese will be dropped. German, French, and Italian content will be provided by websites of domestic parent Swiss Broadcasting Corporation. The Swiss government will no longer fund swissinfo, for savings of \$13.6 million per year. Retired SRI broadcaster Bob Zanotti continues English radio from Switzerland through his Switzerland in Sound website <<http://www.switzerlandinsound.com/>>. (Kim Elliott's web site, via JKB, 22 March 2005)

The annual congress of Swiss living in France, the largest community of the Swiss abroad, has voted unanimously to support a resolution opposing the *Swiss Broadcasting Corporation's (SBC)* plans to economize at Switzerland's news and information platform. The SBC announced in March that it would axe up to 80 jobs and eight language services at *swissinfo*, leaving only a reduced English department. The resolution, by representatives of the nearly 167,000 Swiss nationals residing in France, says that the Swiss community is "scandalized to learn of the SBC's proposals" and calls on the Swiss authorities to "find the means to secure the indispensable tool that swissinfo constitutes." The Swiss ambassador to France, François Nordmann, supports the resolution and told swissinfo "The position taken by the Swiss in France conforms to the position we have taken ourselves in the Foreign Ministry. I remember the time when swissinfo was conceived to replace Swiss Radio International... with the argument that the BBC was going to put all its content on the Internet. Today the BBC still has its shortwave service and we do not!" said Nordmann. (AIB industry briefing as of April 26, 2005; via WDXC-HQ)

UNITED KINGDOM: *Wales Radio International*, producer of Celtic Notes, has deleted all shortwave services as from March 28. These were broadcast each week to Australasia, North America and Europe using facilities provided by VT-Merlin at Skelton and Rampisham in the UK. It hopes to resume its SW and satellite services some months from now, in the northern autumn period. The station has thanked its many loyal listeners around the world for their interest and correspondence and expresses sadness at the termination of the broadcasts. Until the end of April, WRI provided repeats of selected programming over the World Radio Network satellite service. At time WRI will only offer Celtic Notes in MP3 streaming audio format via its Internet site, at <<http://wri.cymru.net/>>. (BP at EDXP-FORUM via WDXC-HQ, March 31, 2005)

USA: Protestant radio station *Family Radio - WYFR* operated by Family Radio Network, located in California. Transmitters are at Okeechobee, Florida. Postal address: Family Radio, 290 Hegenberger Road, Oakland, CA 94621, USA. E-Mail: <shortwave@familyradio.com> Web: <<http://www.familyradio.com>> (JKB)

WYFR Frequency & Language schedule for period A05 (27 March 2005 to 30 October 2005).

| kHZ | UTC | Lang | Az. | Zone | kW | | | | | | |
|------|-----------|------|-----|----------|-----|------|-----------|------|-----|----------|-----|
| | | | | | | 7355 | 0500-0600 | GERM | 44 | 27,28,39 | 100 |
| 5810 | 0500-0600 | SPAN | 181 | 11 | 50 | 7355 | 0600-0745 | ENGL | 44 | 27,28,39 | 100 |
| 5810 | 0600-0700 | ENGL | 181 | 11 | 50 | 7355 | 1100-1200 | ENGL | 222 | 12 | 100 |
| 5810 | 0700-0945 | SPAN | 181 | 11 | 50 | 7355 | 1200-1345 | SPAN | 222 | 12 | 100 |
| 5950 | 0800-0845 | ENGL | 285 | 10 | 100 | 7520 | 0100-0145 | PORT | 142 | 15 | 100 |
| 5950 | 0900-1000 | SPAN | 355 | 4,5,9 | 100 | 7520 | 0504-0600 | RUSS | 44 | 27,28,39 | 100 |
| 5950 | 1000-1245 | ENGL | 355 | 4,5,9 | 100 | 9355 | 0400-0500 | ARAB | 44 | 27,28,39 | 100 |
| 5985 | 0200-0300 | ENGL | 181 | 11 | 50 | 9355 | 0500-0600 | ENGL | 44 | 27,28,39 | 100 |
| 5985 | 0300-0445 | SPAN | 181 | 11 | 50 | 9355 | 0600-0700 | FREN | 44 | 27,28,39 | 100 |
| 5985 | 0500-0600 | MAND | 315 | 2 | 100 | 9355 | 0700-0745 | SPAN | 44 | 27,28,39 | 100 |
| 5985 | 0600-0700 | CANT | 315 | 2 | 100 | 9355 | 1100-1145 | SPAN | 160 | 15 | 100 |
| 5985 | 0700-1245 | ENGL | 315 | 2 | 100 | 9505 | 0000-0445 | ENGL | 315 | 2 | 100 |
| 5985 | 2000-0200 | SPAN | 181 | 11 | 50 | 9505 | 0600-0700 | SPAN | 222 | 11 | 100 |
| 6065 | 0000-0445 | ENGL | 355 | 4,5,9 | 100 | 9505 | 0700-0800 | ENGL | 222 | 11 | 100 |
| 6065 | 2300-0000 | FREN | 355 | 4,5,9 | 100 | 9505 | 0800-0945 | SPAN | 222 | 11 | 100 |
| 6085 | 1000-1600 | SPAN | 181 | 11 | 100 | 9550 | 0800-1100 | SPAN | 160 | 14 | 100 |
| 6085 | 1600-1700 | ENGL | 181 | 11 | 100 | 9550 | 1100-1145 | ENGL | 160 | 14 | 100 |
| 6085 | 1700-1900 | SPAN | 181 | 11 | 100 | 9605 | 0800-1045 | PORT | 142 | 15 | 100 |
| 6085 | 1900-1945 | ENGL | 181 | 11 | 100 | 9605 | 1100-1200 | SPAN | 222 | 11 | 100 |
| 6175 | 0900-1045 | PORT | 160 | 15 | 100 | 9605 | 1300-1345 | SPAN | 222 | 11 | 100 |
| 6855 | 0304-0400 | SPAN | 355 | 4,5,9 | 100 | 9625 | 0800-1000 | PORT | 140 | 13 | 100 |
| 6855 | 0400-0600 | ENGL | 355 | 4,5,9 | 100 | 9625 | 1000-1100 | FREN | 140 | 13 | 100 |
| 6855 | 0600-0700 | SPAN | 355 | 4,5,9 | 100 | 9625 | 1100-1200 | ENGL | 140 | 13 | 100 |
| 6855 | 0700-1100 | ENGL | 355 | 4,5,9 | 100 | 9625 | 1200-1245 | PORT | 140 | 13 | 100 |
| 6855 | 1100-1145 | SPAN | 355 | 4,5,9 | 100 | 9680 | 0300-0400 | SPAN | 315 | 2 | 100 |
| 7355 | 0304-0400 | RUSS | 44 | 27,28,39 | 100 | 9680 | 0600-0700 | ENGL | 315 | 2 | 100 |
| 7355 | 0400-0500 | ENGL | 44 | 27,28,39 | 100 | 9680 | 0700-0745 | SPAN | 315 | 2 | 100 |

| | | | | | | | | | | | |
|-------|-----------|------|-----|----------|-----|-------|-----------|------|-----|----------|-----|
| 9715 | 0304-0400 | SPAN | 285 | 10 | 50 | 15130 | 2200-2300 | PORT | 142 | 15 | 101 |
| 9715 | 0400-0500 | ENGL | 285 | 10 | 50 | 15155 | 2000-2345 | SPAN | 285 | 10 | 50 |
| 9715 | 0500-0700 | SPAN | 285 | 10 | 50 | 15215 | 2304-0100 | SPAN | 160 | 14 | 100 |
| 9715 | 0700-0800 | ENGL | 285 | 10 | 50 | 15255 | 0000-0100 | FREN | 151 | 15 | 100 |
| 9715 | 0800-1145 | SPAN | 285 | 10 | 50 | 15255 | 0100-0300 | SPAN | 151 | 15 | 100 |
| 9755 | 0900-1145 | ENGL | 285 | 10 | 100 | 15255 | 0300-0400 | ENGL | 151 | 15 | 100 |
| 9930 | 0500-0600 | ARAB | 87 | 37,46 | 100 | 15255 | 0400-0445 | SPAN | 151 | 15 | 100 |
| 9930 | 0600-0700 | FREN | 87 | 37,46 | 100 | 15255 | 2300-0000 | ENGL | 151 | 15 | 100 |
| 9930 | 0700-0845 | ENGL | 87 | 37,46 | 100 | 15600 | 1900-2000 | RUSS | 44 | 27,28 | 100 |
| 9985 | 0404-0500 | GERM | 44 | 27,28,39 | 100 | 15600 | 2000-2100 | GERM | 44 | 27,28 | 100 |
| 9985 | 0500-0600 | SPAN | 44 | 27,28,39 | 100 | 15600 | 2100-2200 | SPAN | 44 | 27,28 | 100 |
| 9985 | 0600-0700 | ITAL | 44 | 27,28,39 | 100 | 15695 | 2000-2100 | ARAB | 44 | 27,28 | 100 |
| 9985 | 0700-0745 | PORT | 44 | 27,28,39 | 100 | 15695 | 2100-2145 | GERM | 44 | 27,28 | 100 |
| 11530 | 0400-0500 | PORT | 87 | 47,52,57 | 100 | 15695 | 2200-2245 | PORT | 44 | 27,28,39 | 100 |
| 11530 | 0500-0600 | FREN | 87 | 47,52,57 | 100 | 15770 | 1200-1400 | SPAN | 160 | 16 | 100 |
| 11530 | 0600-0700 | ENGL | 87 | 47,52,57 | 100 | 15770 | 1400-1500 | PORT | 160 | 16 | 100 |
| 11530 | 0700-0800 | ARAB | 87 | 47,52,57 | 100 | 15770 | 1500-1545 | ENGL | 160 | 16 | 100 |
| 11530 | 0800-0845 | FREN | 87 | 47,52,57 | 100 | 15770 | 1600-1645 | ARAB | 44 | 27,28 | 100 |
| 11565 | 2100-2200 | ENGL | 44 | 27,28 | 100 | 15770 | 2100-2200 | PORT | 87 | 47,52,57 | 100 |
| 11580 | 0300-0345 | SPAN | 160 | 15 | 100 | 15770 | 2200-2245 | ENGL | 87 | 47,52,57 | 100 |
| 11580 | 0500-0600 | FREN | 44 | 27,28,39 | 100 | 17505 | 1200-1300 | ENGL | 160 | 16 | 100 |
| 11580 | 0600-0700 | ENGL | 44 | 27,28,39 | 100 | 17505 | 1300-1400 | PORT | 160 | 16 | 100 |
| 11580 | 0700-0745 | ITAL | 44 | 27,28,39 | 100 | 17505 | 1400-1545 | SPAN | 160 | 16 | 100 |
| 11670 | 1400-1545 | SPAN | 222 | 11 | 100 | 17525 | 1700-1800 | FREN | 87 | 37,46 | 100 |
| 11740 | 0200-0300 | SPAN | 222 | 12 | 100 | 17525 | 1800-1845 | ENGL | 87 | 37,46 | 100 |
| 11740 | 0300-0400 | ENGL | 222 | 12 | 100 | 17725 | 1700-2000 | PORT | 140 | 13 | 100 |
| 11740 | 2200-2345 | ENGL | 315 | 2 | 100 | 17725 | 2000-2200 | ENGL | 140 | 13 | 100 |
| 11770 | 0804-1045 | PORT | 142 | 13 | 100 | 17725 | 2200-0145 | PORT | 140 | 13 | 100 |
| 11830 | 1300-1645 | ENGL | 315 | 2 | 100 | 17750 | 0000-0100 | PORT | 160 | 15 | 100 |
| 11835 | 0000-0100 | ENGL | 285 | 10 | 50 | 17750 | 0100-0200 | SPAN | 160 | 15 | 100 |
| 11835 | 0100-0200 | SPAN | 285 | 10 | 50 | 17750 | 0200-0245 | PORT | 160 | 15 | 100 |
| 11835 | 0200-0245 | ENGL | 285 | 10 | 50 | 17750 | 1200-1645 | ENGL | 285 | 10 | 100 |
| 11855 | 0200-0300 | ENGL | 222 | 11 | 100 | 17750 | 1700-1800 | GERM | 44 | 27,28 | 100 |
| 11855 | 0300-0445 | SPAN | 222 | 11 | 100 | 17750 | 1800-1900 | ITAL | 44 | 27,28 | 100 |
| 11855 | 0800-1145 | SPAN | 160 | 16 | 100 | 17750 | 2000-2045 | ENGL | 44 | 27,28 | 100 |
| 11855 | 2000-0200 | SPAN | 222 | 11 | 100 | 17750 | 2300-0000 | ENGL | 160 | 15 | 100 |
| 11865 | 1300-1400 | ENGL | 315 | 2 | 100 | 17795 | 1700-2145 | ENGL | 285 | 10 | 100 |
| 11865 | 1400-1500 | SPAN | 315 | 2 | 100 | 17805 | 0000-0045 | ENGL | 142 | 15 | 100 |
| 11865 | 1500-1600 | MAND | 315 | 2 | 100 | 17845 | 1900-2200 | ENGL | 87 | 37,46 | 100 |
| 11865 | 1600-1645 | ENGL | 315 | 2 | 100 | 17845 | 2200-2245 | ARAB | 87 | 37,46 | 100 |
| 11910 | 1300-1600 | ENGL | 355 | 4,5,9 | 100 | 17845 | 2304-0100 | SPAN | 160 | 14 | 100 |
| 11910 | 1600-1645 | FREN | 355 | 4,5,9 | 100 | 18930 | 1600-1800 | RUSS | 44 | 27,28 | 100 |
| 11970 | 0800-1000 | SPAN | 151 | 15 | 100 | 18930 | 1800-1900 | FREN | 44 | 27,28 | 100 |
| 11970 | 1000-1100 | FREN | 151 | 15 | 100 | 18930 | 1900-2000 | ENGL | 44 | 27,28 | 100 |
| 11970 | 1100-1300 | SPAN | 151 | 15 | 100 | 18930 | 2200-2245 | ARAB | 44 | 27,28 | 100 |
| 11970 | 1300-1400 | FREN | 151 | 15 | 100 | 18980 | 1400-1500 | SPAN | 142 | 15 | 100 |
| 11970 | 1400-1545 | SPAN | 151 | 15 | 100 | 18980 | 1500-1545 | PORT | 142 | 15 | 100 |
| 13695 | 1200-1300 | FREN | 355 | 4,5,9 | 100 | 18980 | 1600-2145 | ENGL | 44 | 27,28,39 | 100 |
| 13695 | 1300-1400 | MAND | 355 | 4,5,9 | 100 | 21455 | 1600-1800 | ENGL | 44 | 27,28,39 | 100 |
| 13695 | 1400-1500 | ENGL | 355 | 4,5,9 | 100 | 21455 | 1800-1900 | GERM | 44 | 27,28,39 | 100 |
| 13695 | 1500-1600 | SPAN | 355 | 4,5,9 | 100 | 21455 | 1900-1945 | FREN | 44 | 27,28,39 | 100 |
| 13695 | 1600-2000 | ENGL | 355 | 4,5,9 | 100 | 21525 | 1600-1700 | ENGL | 87 | 47,52,57 | 100 |
| 13800 | 1200-1545 | SPAN | 160 | 15 | 100 | 21525 | 1700-1800 | PORT | 87 | 47,52,57 | 100 |
| 13800 | 1700-1800 | SPAN | 315 | 2 | 100 | 21525 | 1800-2000 | FREN | 87 | 47,52,57 | 100 |
| 13800 | 1800-2145 | ENGL | 315 | 2 | 100 | 21525 | 2000-2045 | ARAB | 87 | 47,52,57 | 100 |
| 15130 | 0000-0345 | PORT | 142 | 15 | 100 | 21670 | 1600-1700 | ITAL | 44 | 27,28 | 100 |
| 15130 | 1200-1945 | SPAN | 285 | 10 | 50 | 21670 | 1700-1845 | SPAN | 44 | 27,28 | 100 |

Final A05 Version 1 as of 29-MAR-2005 of the U.S. *Federal Communications Commission* -
FCC:

FCC authorized US Stations are:

KAIJ Dallas, TX
 KFBS Northern Mariana Islands, SA
 KJES Vado, NM
 KNLS Anchor Point, AK
 KSDA Agat, GU
 KTBN Salt Lake City, UT
 KTWR Agana, GU
 KVOH Rancho Simi, CA
 KWHR Naalehu, HI
 WBCQ Monticello, ME
 WEWN Vandiver, AL

WHRA Greenbush, ME
 WHRI Furman, SC
 WINB Red Lion, PA
 WMLK Bethel, PA
 WRMI Miami, FL
 WRNO New Orleans, LA
 WSHB Furman, SC
 WTJC Newport, NC
 WWBS Macon, GA
 WWCR Nashville, TN
 WYFR Okeechobee, FL

| Start | Stop | Freq. | Call | Pow | Azm | Target Zones | Days | Stdte | Spdate |
|-------|------|-------|------|-----|-----|----------------------|---------|--------|--------|
| 0000 | 0030 | 15510 | KSDA | 100 | 285 | 49NW | 1234567 | 270305 | 301005 |
| 0000 | 0200 | 12025 | KSDA | 100 | 330 | 32S,33S,43N,44N | 1234567 | 270305 | 301005 |
| 0000 | 0200 | 15590 | KSDA | 100 | 315 | 43N,44N | 1234567 | 270305 | 301005 |
| 0000 | 0300 | 7465 | WHRI | 250 | 42 | 18,27-29,39 | 1234567 | 270305 | 301005 |
| 0000 | 0300 | 7490 | WHRI | 250 | 25 | 4,5,9,18,27 | 1234567 | 270305 | 301005 |
| 0000 | 0300 | 9515 | WHRI | 250 | 315 | 2,3 | 34567 | 270305 | 040905 |
| 0000 | 0300 | 9955 | WRMI | 50 | 160 | 10-16 | 17 | 270305 | 301005 |
| 0000 | 0300 | 11835 | WYFR | 50 | 285 | 10 | 1234567 | 270305 | 301005 |
| 0000 | 0445 | 9505 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 0000 | 0500 | 5810 | WEWN | 500 | 285 | 10 | 1234567 | 270305 | 301005 |
| 0000 | 0500 | 5810 | WEWN | 500 | 20 | 4,5,9,28 | 1234567 | 270305 | 301005 |
| 0000 | 0500 | 6075 | WHRI | 250 | 315 | 2,3 | 34567 | 040905 | 301005 |
| 0000 | 0500 | 7315 | WHRI | 250 | 152 | 10-15 | 12 | 270305 | 301005 |
| 0000 | 0500 | 7425 | WEWN | 500 | 220 | 10-11 | 1234567 | 270305 | 301005 |
| 0000 | 0900 | 3210 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 270305 | 020405 |
| 0000 | 0900 | 7385 | WRMI | 50 | 317 | 2,3 | 23456 | 270305 | 301005 |
| 0000 | 1000 | 3210 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 010905 | 291005 |
| 0000 | 1200 | 5070 | WWCR | 100 | 40 | 4,9,27-29 | 1234567 | 010605 | 310805 |
| 0000 | 1400 | 5755 | KAIJ | 100 | 320 | 2,3,34,35,45 | 1234567 | 270305 | 301005 |
| 0000 | 1500 | 7505 | KTBN | 100 | 70 | 3-5,9 | 1234567 | 270305 | 301005 |
| 0000 | 2400 | 5920 | WBOH | 50 | 170 | 11,12 | 1234567 | 270305 | 301005 |
| 0000 | 2400 | 9370 | WTJC | 50 | 40 | 4,9 | 1234567 | 270305 | 301005 |
| 0030 | 0100 | 15510 | KSDA | 100 | 285 | 49NW | 1234567 | 270305 | 301005 |
| 0100 | 0200 | 7520 | WYFR | 100 | 142 | 13 | 1234567 | 270305 | 301005 |
| 0100 | 0200 | 15520 | KSDA | 100 | 300 | 43S,44S | 1234567 | 270305 | 301005 |
| 0100 | 0500 | 5850 | WHRA | 250 | 60 | 18,27-29,37-39,46-48 | 1234567 | 270305 | 301005 |
| 0100 | 0800 | 9975 | KVOH | 50 | 100 | 10,11 | 1234567 | 270305 | 301005 |
| 0100 | 0900 | 3210 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 010605 | 310805 |
| 0100 | 1100 | 5765 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010605 | 310805 |
| 0100 | 1200 | 5935 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 030405 | 310505 |
| 0100 | 1200 | 5935 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 010905 | 291005 |
| 0100 | 1300 | 5935 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 270305 | 020405 |
| 0145 | 0800 | 9680 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 0200 | 0300 | 7555 | KJES | 50 | 335 | 2,3 | 1234567 | 270305 | 301005 |
| 0200 | 0500 | 11740 | WYFR | 100 | 222 | 11 | 1234567 | 270305 | 301005 |
| 0200 | 1200 | 5935 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 010605 | 310805 |
| 0300 | 0330 | 7555 | KJES | 50 | 20 | 3,4,9 | 1234567 | 270305 | 301005 |
| 0300 | 0400 | 11580 | WYFR | 100 | 160 | 14 | 1234567 | 270305 | 301005 |
| 0300 | 0500 | 5835 | WHRI | 250 | 315 | 2,3 | 34567 | 270305 | 040905 |
| 0300 | 0800 | 7355 | WYFR | 100 | 44 | 27,28,39 | 1234567 | 270305 | 301005 |
| 0300 | 0900 | 5950 | WYFR | 100 | 285 | 10 | 1234567 | 270305 | 301005 |
| 0300 | 0900 | 7385 | WRMI | 50 | 317 | 2,3 | 17 | 270305 | 301005 |
| 0300 | 1200 | 5765 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 030405 | 310505 |
| 0300 | 1200 | 5765 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010905 | 291005 |

| | | | | | | | | | |
|------|------|-------|------|-----|-----|-----------------------|---------|--------|--------|
| 0300 | 1200 | 6855 | WYFR | 100 | 355 | 4, 5, 9 | 1234567 | 270305 | 301005 |
| 0300 | 1200 | 9715 | WYFR | 50 | 285 | 10 | 1234567 | 270305 | 301005 |
| 0300 | 1500 | 7395 | WRNO | 50 | 20 | 3-5, 9-11, 27 | 1234567 | 270305 | 301005 |
| 0345 | 0900 | 11530 | WYFR | 100 | 87 | 37, 46 | 1234567 | 270305 | 301005 |
| 0400 | 0800 | 9355 | WYFR | 100 | 44 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0400 | 0800 | 9985 | WYFR | 100 | 44 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0400 | 0900 | 9265 | WMLK | 125 | 53 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0400 | 0900 | 9955 | WMLK | 125 | 53 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0400 | 1300 | 5765 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 270305 | 020405 |
| 0445 | 0900 | 9930 | WYFR | 100 | 87 | 46 | 1234567 | 270305 | 301005 |
| 0445 | 1000 | 9505 | WYFR | 100 | 222 | 11 | 1234567 | 270305 | 301005 |
| 0500 | 0700 | 7490 | WHRA | 250 | 90 | 37, 38, 46-48, 52, 53 | 1234567 | 270305 | 301005 |
| 0500 | 0800 | 7520 | WYFR | 100 | 44 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0500 | 0800 | 11580 | WYFR | 100 | 44 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 0500 | 0900 | 7315 | WHRI | 250 | 152 | 10-15 | 1234567 | 270305 | 301005 |
| 0500 | 1000 | 5810 | WYFR | 50 | 181 | 11 | 1234567 | 270305 | 301005 |
| 0500 | 1000 | 5850 | WEWN | 500 | 285 | 10 | 1234567 | 170405 | 301005 |
| 0500 | 1000 | 5850 | WEWN | 500 | 20 | 4, 5, 9 | 1234567 | 170405 | 301005 |
| 0500 | 1100 | 7425 | WEWN | 500 | 190 | 11 | 1234567 | 270305 | 301005 |
| 0500 | 1100 | 9510 | KWHR | 100 | 225 | 51, 55, 56, 59, 60 | 1234567 | 270305 | 040905 |
| 0500 | 1100 | 11565 | KWHR | 100 | 225 | 51, 55, 56, 58-60 | 1234567 | 040905 | 301005 |
| 0500 | 1300 | 5985 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 0600 | 0900 | 5835 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 0600 | 0900 | 7570 | WEWN | 500 | 40 | 27-28 | 1234567 | 270305 | 301005 |
| 0600 | 0900 | 13700 | KWHR | 100 | 300 | 43-45 | 1234567 | 270305 | 301005 |
| 0600 | 1700 | 9965 | KHBN | 100 | 318 | 43-44 | 1234567 | 270305 | 301005 |
| 0700 | 0800 | 7465 | WHRI | 250 | 25 | 4, 5, 9, 27 | 1234567 | 270305 | 301005 |
| 0700 | 0900 | 7490 | WHRA | 250 | 75 | 27, 28, 37, 38, 46 | 1234567 | 270305 | 301005 |
| 0700 | 1600 | 9985 | KHBN | 100 | 345 | 44-45 | 1234567 | 270305 | 301005 |
| 0700 | 1600 | 15725 | KHBN | 100 | 270 | 41, 49-50, 54 | 1234567 | 270305 | 301005 |
| 0700 | 1600 | 15745 | KHBN | 100 | 270 | 41, 49-50, 54 | 1234567 | 270305 | 301005 |
| 0730 | 0900 | 15225 | KTWR | 100 | 263 | 49, 50, 54 | 17 | 270305 | 291005 |
| 0740 | 0900 | 15225 | KTWR | 100 | 263 | 49, 50, 54 | 23456 | 270305 | 291005 |
| 0800 | 0900 | 11765 | KNLS | 100 | 285 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 0800 | 0900 | 11870 | KNLS | 100 | 270 | 24-26, 34, 35, 44, 45 | 1234567 | 270305 | 301005 |
| 0800 | 0930 | 11840 | KTWR | 100 | 165 | 51, 55, 56, 58-60 | 23456 | 270305 | 291005 |
| 0800 | 1100 | 9605 | WYFR | 100 | 142 | 15 | 1234567 | 270305 | 301005 |
| 0800 | 1100 | 11770 | WYFR | 100 | 142 | 13 | 1234567 | 270305 | 301005 |
| 0800 | 1200 | 7520 | WHRI | 250 | 25 | 4, 5, 9 | 1234567 | 270305 | 301005 |
| 0800 | 1200 | 9550 | WYFR | 100 | 160 | 14 | 1234567 | 270305 | 301005 |
| 0800 | 1200 | 11855 | WYFR | 100 | 160 | 16 | 1234567 | 270305 | 301005 |
| 0800 | 1200 | 15580 | KFBS | 100 | 242 | 49S, 50, 54 | 1234567 | 270305 | 301005 |
| 0800 | 1300 | 9320 | WWRB | 65 | 150 | 11-16 | 1 | 270305 | 301005 |
| 0800 | 1300 | 9625 | WYFR | 100 | 140 | 13 | 1234567 | 270305 | 301005 |
| 0800 | 1400 | 11580 | KFBS | 100 | 294 | 42-44 | 1234567 | 270305 | 301005 |
| 0800 | 1600 | 9955 | KHBN | 100 | 280 | 41-49 | 1234567 | 270305 | 301005 |
| 0800 | 1600 | 11970 | WYFR | 100 | 151 | 15 | 1234567 | 270305 | 301005 |
| 0815 | 0930 | 11840 | KTWR | 100 | 165 | 51, 55, 56, 58-60 | 17 | 270305 | 291005 |
| 0900 | 0915 | 15200 | KTWR | 100 | 248 | 54 | 12367 | 270305 | 291005 |
| 0900 | 0915 | 15200 | KTWR | 100 | 248 | 54 | 45 | 270305 | 291005 |
| 0900 | 0930 | 12130 | KTWR | 100 | 305 | 42-44 | 1234567 | 270305 | 291005 |
| 0900 | 1000 | 5835 | WHRI | 250 | 152 | 10-15 | 1234567 | 270305 | 301005 |
| 0900 | 1000 | 9985 | WWCR | 100 | 46 | 4, 9, 27, 28, 37-39 | 1234567 | 030405 | 310505 |
| 0900 | 1000 | 9985 | WWCR | 100 | 46 | 4, 9, 27, 28, 37-39 | 1234567 | 010605 | 310805 |
| 0900 | 1000 | 9985 | WWCR | 100 | 46 | 4, 9, 27, 28, 37-39 | 1234567 | 010905 | 291005 |
| 0900 | 1000 | 11765 | KNLS | 100 | 285 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 0900 | 1000 | 11870 | KNLS | 100 | 300 | 22-26, 32-35 | 1234567 | 270305 | 301005 |
| 0900 | 1100 | 6175 | WYFR | 100 | 160 | 15 | 1234567 | 270305 | 301005 |
| 0900 | 1100 | 9930 | KWHR | 100 | 300 | 43-45 | 1234567 | 270305 | 301005 |
| 0900 | 1100 | 11650 | KFBS | 100 | 341 | 30, 31, 43, 44 | 1234567 | 270305 | 301005 |

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|------|------|-------|------|-----|-----|-------------------|---------|--------|--------|
| 0900 | 1145 | 9755 | WYFR | 100 | 285 | 10 | 1234567 | 270305 | 301005 |
| 0900 | 1200 | 9495 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 0900 | 1200 | 9955 | WRMI | 50 | 160 | 10-13 | 1234567 | 270305 | 301005 |
| 0900 | 1300 | 5950 | WYFR | 100 | 355 | 4,5,9 | 1234567 | 270305 | 301005 |
| 0900 | 2400 | 7490 | WJIE | 50 | 155 | 11-13 | 1234567 | 270305 | 301005 |
| 0915 | 1000 | 15200 | KTWR | 100 | 248 | 54 | 1234567 | 270305 | 291005 |
| 0930 | 1100 | 9865 | KTWR | 100 | 315 | 42-44 | 1234567 | 270305 | 291005 |
| 0930 | 1100 | 9910 | KTWR | 100 | 320 | 42-44 | 1234567 | 270305 | 291005 |
| 0930 | 1200 | 12130 | KTWR | 100 | 305 | 42-44 | 1234567 | 270305 | 291005 |
| 1000 | 1030 | 11930 | KSDA | 100 | 270 | 50 | 1234567 | 270305 | 301005 |
| 1000 | 1030 | 15200 | KTWR | 100 | 248 | 54 | 1234567 | 270305 | 291005 |
| 1000 | 1100 | 9795 | KNLS | 100 | 270 | 24-26,34,35,44,45 | 1234567 | 270305 | 301005 |
| 1000 | 1100 | 9985 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 270305 | 020405 |
| 1000 | 1100 | 11765 | KNLS | 100 | 300 | 43,44,49,50 | 1234567 | 270305 | 301005 |
| 1000 | 1100 | 15510 | KSDA | 100 | 300 | 43S,44S | 1234567 | 270305 | 301005 |
| 1000 | 1100 | 15615 | KSDA | 100 | 315 | 43N,44N | 1234567 | 270305 | 301005 |
| 1000 | 1200 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 040405 | 291005 |
| 1000 | 1300 | 6095 | WHRI | 250 | 152 | 10-13 | 1234567 | 270305 | 301005 |
| 1000 | 1400 | 5745 | WEWN | 500 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1000 | 1400 | 5745 | WEWN | 500 | 20 | 4,5,9,28 | 1234567 | 270305 | 301005 |
| 1000 | 1600 | 12160 | KHBN | 100 | 270 | 41,49-50,54 | 1234567 | 270305 | 301005 |
| 1000 | 1945 | 6085 | WYFR | 100 | 181 | 11 | 1234567 | 270305 | 301005 |
| 1000 | 2200 | 15825 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 010605 | 310805 |
| 1000 | 2200 | 15825 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 030405 | 310505 |
| 1000 | 2200 | 15825 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 010905 | 291005 |
| 1030 | 1100 | 11780 | KSDA | 100 | 315 | 43,44 | 1234567 | 270305 | 301005 |
| 1030 | 1100 | 11930 | KSDA | 100 | 270 | 50 | 1234567 | 270305 | 301005 |
| 1030 | 1200 | 15200 | KTWR | 100 | 248 | 54 | 1234567 | 270305 | 291005 |
| 1100 | 1130 | 15435 | KSDA | 100 | 255 | 54 | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 9355 | WYFR | 100 | 160 | 15 | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 9615 | KNLS | 100 | 285 | 43,44,49,50 | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 9635 | KTWR | 100 | 285 | 49 | 1234567 | 270305 | 291005 |
| 1100 | 1200 | 9655 | KNLS | 100 | 300 | 22-26,32-35 | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 11770 | KSDA | 100 | 330 | 32S,33S,43N,44N | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 11975 | KSDA | 100 | 300 | 43S,44S | 1234567 | 270305 | 301005 |
| 1100 | 1200 | 15275 | KTWR | 100 | 255 | 49,54 | 1234567 | 270305 | 291005 |
| 1100 | 1300 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 270305 | 030405 |
| 1100 | 1300 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 270305 | 301005 |
| 1100 | 1400 | 7355 | WYFR | 100 | 222 | 12 | 1234567 | 270305 | 301005 |
| 1100 | 1400 | 7465 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010605 | 310805 |
| 1100 | 1400 | 9605 | WYFR | 100 | 222 | 11 | 1234567 | 270305 | 301005 |
| 1100 | 1400 | 11650 | KFBS | 100 | 323 | 30-33,42-44 | 1234567 | 270305 | 301005 |
| 1100 | 1400 | 13615 | WEWN | 500 | 155 | 12-15 | 1234567 | 270305 | 301005 |
| 1100 | 1500 | 12105 | KSDA | 100 | 315 | 43N,44N | 1234567 | 270305 | 301005 |
| 1100 | 1600 | 7455 | KTWR | 100 | 320 | 42,43,44 | 1234567 | 270305 | 301005 |
| 1100 | 1600 | 13840 | KHBN | 100 | 270 | 41,45-50,54 | 1234567 | 270305 | 301005 |
| 1100 | 1900 | 9930 | KWHR | 100 | 285 | 43-45,49,50,54 | 1234567 | 040905 | 301005 |
| 1100 | 1900 | 11555 | KWHR | 100 | 285 | 43-45,49,50,54 | 1234567 | 270305 | 040905 |
| 1100 | 2200 | 11530 | WEWN | 500 | 220 | 10-11 | 1234567 | 270305 | 301005 |
| 1100 | 2200 | 15825 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 270305 | 020405 |
| 1130 | 1200 | 15435 | KSDA | 100 | 270 | 49 | 1234567 | 270305 | 301005 |
| 1145 | 1700 | 17750 | WYFR | 100 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1200 | 0100 | 13845 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 030405 | 310505 |
| 1200 | 0100 | 13845 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 010905 | 291005 |
| 1200 | 0200 | 13845 | WWCR | 100 | 85 | 36-38,46-48,57 | 1234567 | 010605 | 310805 |
| 1200 | 1230 | 11750 | KTWR | 100 | 293 | 43,44 | 1234567 | 270305 | 291005 |
| 1200 | 1230 | 11895 | KFBS | 100 | 242 | 49S,50,54 | 1234567 | 270305 | 301005 |
| 1200 | 1245 | 9465 | KTWR | 100 | 345 | 45 | 17 | 270305 | 291005 |
| 1200 | 1245 | 9465 | KTWR | 100 | 345 | 45 | 23456 | 270305 | 291005 |
| 1200 | 1300 | 9615 | KNLS | 100 | 270 | 24-26,34,35,44,45 | 1234567 | 270305 | 301005 |

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|------|------|-------|------|-----|-----|-----------------------|---------|--------|--------|
| 1200 | 1300 | 9685 | KSDA | 100 | 330 | 44NE, 45NW | 1234567 | 270305 | 301005 |
| 1200 | 1300 | 9720 | KSDA | 100 | 300 | 43S, 44S | 1234567 | 270305 | 301005 |
| 1200 | 1300 | 9780 | KNLS | 100 | 270 | 24-26, 34, 35, 44, 45 | 1234567 | 270305 | 301005 |
| 1200 | 1300 | 9975 | KTWR | 100 | 285 | 41, 49 | 1234567 | 270305 | 291005 |
| 1200 | 1300 | 15145 | KSDA | 100 | 315 | 43N, 44N | 1234567 | 270305 | 301005 |
| 1200 | 1400 | 7465 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 010905 | 291005 |
| 1200 | 1400 | 9985 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 010905 | 291005 |
| 1200 | 1400 | 9985 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 030405 | 310505 |
| 1200 | 1400 | 9985 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 010605 | 310805 |
| 1200 | 1400 | 11785 | WHRI | 250 | 315 | 2, 3 | 17 | 270305 | 301005 |
| 1200 | 1400 | 15285 | WHRI | 250 | 173 | 10-13 | 23456 | 270305 | 301005 |
| 1200 | 1430 | 12120 | KFBS | 100 | 278 | 43S, 44S, 44S, 49 | 1234567 | 270305 | 030405 |
| 1200 | 1500 | 7465 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 030405 | 310505 |
| 1200 | 1500 | 9840 | WHRI | 250 | 25 | 4, 5, 9, 17 | 1234567 | 270305 | 301005 |
| 1200 | 1500 | 13570 | WINB | 50 | 242 | 10, 11 | 1234567 | 040405 | 291005 |
| 1200 | 1500 | 15310 | WHRA | 250 | 60 | 27-29 | 1234567 | 270305 | 301005 |
| 1200 | 1600 | 9370 | KTWR | 100 | 305 | 42-44 | 1234567 | 270305 | 301005 |
| 1200 | 1600 | 13800 | WYFR | 100 | 160 | 14 | 1234567 | 270305 | 301005 |
| 1200 | 1600 | 15770 | WYFR | 100 | 160 | 16 | 1234567 | 270305 | 301005 |
| 1200 | 1600 | 17505 | WYFR | 100 | 160 | 14 | 1234567 | 270305 | 301005 |
| 1200 | 2000 | 15130 | WYFR | 50 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1200 | 2200 | 7385 | WRMI | 50 | 317 | 2, 3 | 67 | 270305 | 301005 |
| 1200 | 2200 | 13695 | WYFR | 100 | 355 | 4, 5, 9 | 1234567 | 270305 | 301005 |
| 1200 | 2300 | 17495 | WBCQ | 50 | 245 | 3-5, 9-11, 27 | 1234567 | 270305 | 301005 |
| 1200 | 2400 | 7385 | WRMI | 50 | 317 | 2, 3 | 12345 | 270305 | 301005 |
| 1230 | 1245 | 11750 | KTWR | 100 | 308 | 42-44 | 1234567 | 270305 | 291005 |
| 1230 | 1300 | 11680 | KFBS | 100 | 242 | 49S, 50, 54 | 1234567 | 270305 | 301005 |
| 1230 | 1300 | 11795 | KFBS | 100 | 242 | 49S, 50, 54 | 1234567 | 270305 | 301005 |
| 1245 | 1300 | 11750 | KTWR | 100 | 278 | 49 | 1234567 | 270305 | 291005 |
| 1300 | 0100 | 13845 | WWCR | 100 | 85 | 36-38, 46-48, 57 | 1234567 | 270305 | 020405 |
| 1300 | 1330 | 7180 | KSDA | 100 | 315 | 45 | 1234567 | 270305 | 301005 |
| 1300 | 1330 | 9585 | KTWR | 100 | 285 | 49 | 1234567 | 270305 | 291005 |
| 1300 | 1330 | 9975 | KTWR | 100 | 315 | 42-44 | 1234567 | 270305 | 291005 |
| 1300 | 1330 | 11695 | KTWR | 100 | 278 | 49 | 1234567 | 270305 | 291005 |
| 1300 | 1330 | 11980 | KSDA | 100 | 345 | 45 | 1234567 | 270305 | 301005 |
| 1300 | 1330 | 15275 | KSDA | 100 | 285 | 41NE | 1234567 | 270305 | 301005 |
| 1300 | 1400 | 9615 | KNLS | 100 | 285 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1300 | 1400 | 9795 | KNLS | 100 | 300 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1300 | 1400 | 9920 | KFBS | 100 | 278 | 43S, 44S, 49 | 1234567 | 030405 | 301005 |
| 1300 | 1400 | 11650 | KFBS | 100 | 323 | 30-33, 42-44 | 1234567 | 270305 | 301005 |
| 1300 | 1500 | 9975 | KVOH | 50 | 100 | 10, 11 | 1234567 | 270305 | 301005 |
| 1300 | 1600 | 7465 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 270305 | 020405 |
| 1300 | 1600 | 9985 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 270305 | 020405 |
| 1300 | 1600 | 13570 | WINB | 50 | 242 | 10, 11 | 1234567 | 270305 | 030405 |
| 1300 | 1600 | 15105 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 1300 | 1700 | 11830 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 1300 | 1700 | 11865 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 1300 | 1700 | 11910 | WYFR | 100 | 355 | 4, 5, 9 | 1234567 | 270305 | 301005 |
| 1330 | 1345 | 12080 | KTWR | 100 | 293 | 41 | 23 | 270305 | 291005 |
| 1330 | 1345 | 12080 | KTWR | 100 | 293 | 41 | 14567 | 270305 | 291005 |
| 1330 | 1400 | 9975 | KTWR | 100 | 315 | 42-44 | 1234567 | 270305 | 291005 |
| 1330 | 1400 | 11885 | KSDA | 100 | 270 | 49E | 1234567 | 270305 | 301005 |
| 1330 | 1400 | 11980 | KSDA | 100 | 345 | 45 | 1234567 | 270305 | 301005 |
| 1330 | 1400 | 15275 | KSDA | 100 | 285 | 41NE | 14 | 270305 | 301005 |
| 1330 | 1400 | 15275 | KSDA | 100 | 285 | 41NE | 23567 | 270305 | 301005 |
| 1345 | 1400 | 12080 | KTWR | 100 | 293 | 41 | 1234567 | 270305 | 291005 |
| 1400 | 0100 | 15590 | KTBN | 100 | 70 | 3-5, 9 | 1234567 | 270305 | 301005 |
| 1400 | 1415 | 12130 | KTWR | 100 | 285 | 41 | 1234567 | 270305 | 301005 |
| 1400 | 1430 | 9725 | KSDA | 100 | 285 | 49NW | 1234567 | 270305 | 301005 |
| 1400 | 1430 | 12045 | KSDA | 100 | 270 | 41S | 1234567 | 270305 | 301005 |

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|------|------|-------|------|-----|-----|-----------------------|---------|--------|--------|
| 1400 | 1445 | 9920 | KTWR | 100 | 278 | 49 | 1234567 | 270305 | 291005 |
| 1400 | 1500 | 9615 | KNLS | 100 | 300 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1400 | 1500 | 9695 | KSDA | 100 | 300 | 43S, 44S | 1234567 | 270305 | 301005 |
| 1400 | 1500 | 9795 | KNLS | 100 | 270 | 22-24, 34, 35, 44, 45 | 1234567 | 270305 | 301005 |
| 1400 | 1500 | 9975 | KTWR | 100 | 285 | 43, 44 | 1234567 | 270305 | 291005 |
| 1400 | 1500 | 11715 | KJES | 50 | 70 | 3, 4, 9 | 1234567 | 270305 | 301005 |
| 1400 | 1600 | 9465 | KFBS | 100 | 323 | 29-33, 42-44 | 1234567 | 270305 | 301005 |
| 1400 | 1600 | 9955 | WEWN | 500 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1400 | 1600 | 9955 | WEWN | 500 | 20 | 4, 5, 9 | 1234567 | 270305 | 301005 |
| 1400 | 1600 | 11670 | WYFR | 100 | 222 | 11 | 1234567 | 270305 | 301005 |
| 1400 | 1600 | 18980 | WYFR | 100 | 142 | 15 | 1234567 | 270305 | 301005 |
| 1400 | 1800 | 9985 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 030405 | 310505 |
| 1400 | 1800 | 9985 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 010905 | 291005 |
| 1400 | 1800 | 9985 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 010605 | 310805 |
| 1400 | 2100 | 15285 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 1400 | 2200 | 15745 | WEWN | 500 | 155 | 12-15 | 1234567 | 270305 | 301005 |
| 1400 | 2300 | 12160 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 030405 | 310505 |
| 1400 | 2300 | 12160 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 010605 | 310805 |
| 1400 | 2300 | 15420 | WRNO | 50 | 20 | 3-5, 9-11, 27 | 1234567 | 270305 | 301005 |
| 1400 | 2400 | 12160 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 010905 | 291005 |
| 1400 | 2400 | 13815 | KAIJ | 100 | 320 | 2, 3, 34, 35, 45 | 1234567 | 270305 | 301005 |
| 1415 | 1430 | 12130 | KTWR | 100 | 285 | 41 | 17 | 270305 | 301005 |
| 1415 | 1430 | 12130 | KTWR | 100 | 285 | 41 | 23456 | 270305 | 301005 |
| 1430 | 1500 | 9590 | KSDA | 100 | 285 | 49NW | 1234567 | 270305 | 301005 |
| 1430 | 1500 | 11885 | KSDA | 100 | 285 | 49NW | 1234567 | 270305 | 301005 |
| 1445 | 1615 | 9920 | KTWR | 100 | 345 | 44, 45 | 1234567 | 270305 | 291005 |
| 1500 | 0100 | 17775 | KVOH | 50 | 100 | 10-12 | 1234567 | 270305 | 301005 |
| 1500 | 1530 | 9600 | KSDA | 100 | 270 | 41S | 1234567 | 270305 | 301005 |
| 1500 | 1530 | 11640 | KSDA | 100 | 285 | 41S | 1234567 | 270305 | 301005 |
| 1500 | 1530 | 11870 | KSDA | 100 | 300 | 41NW | 1234567 | 270305 | 301005 |
| 1500 | 1530 | 11895 | KSDA | 100 | 285 | 41NE | 1234567 | 270305 | 301005 |
| 1500 | 1600 | 9615 | KNLS | 100 | 285 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1500 | 1600 | 9795 | KNLS | 100 | 300 | 22-26, 32-35 | 1234567 | 270305 | 301005 |
| 1500 | 1600 | 11715 | KJES | 50 | 350 | 2, 3 | 1234567 | 270305 | 301005 |
| 1500 | 1630 | 12105 | KTWR | 100 | 278 | 41, 48-50 | 1234567 | 270305 | 291005 |
| 1500 | 1700 | 12020 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 1500 | 1900 | 17640 | WHRA | 250 | 60 | 27-29, 37-39, 46-48 | 1234567 | 270305 | 301005 |
| 1500 | 2000 | 9740 | WINB | 50 | 242 | 10, 11 | 23456 | 040405 | 291005 |
| 1500 | 2000 | 13570 | WINB | 50 | 242 | 10, 11 | 17 | 040405 | 291005 |
| 1530 | 1600 | 9600 | KSDA | 100 | 270 | 41S | 1234567 | 270305 | 301005 |
| 1530 | 1600 | 11640 | KSDA | 100 | 285 | 41S | 1234567 | 270305 | 301005 |
| 1530 | 1600 | 11870 | KSDA | 100 | 285 | 41 | 1234567 | 270305 | 301005 |
| 1530 | 1600 | 11895 | KSDA | 100 | 285 | 41 | 1234567 | 270305 | 301005 |
| 1600 | 0500 | 9330 | WBCQ | 100 | 245 | 3-5, 9-11 | 1234567 | 270305 | 301005 |
| 1600 | 1630 | 11640 | KSDA | 100 | 285 | 41S | 1234567 | 270305 | 301005 |
| 1600 | 1630 | 11680 | KSDA | 100 | 285 | 41 | 1234567 | 270305 | 301005 |
| 1600 | 1630 | 11975 | KSDA | 100 | 300 | 41N | 1234567 | 270305 | 301005 |
| 1600 | 1630 | 12015 | KSDA | 100 | 285 | 41E | 1234567 | 270305 | 301005 |
| 1600 | 1700 | 9615 | KNLS | 100 | 300 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1600 | 1700 | 9795 | KNLS | 100 | 315 | 22-24, 32-35 | 1234567 | 270305 | 301005 |
| 1600 | 1700 | 11715 | KJES | 50 | 150 | 10 | 1234567 | 270305 | 301005 |
| 1600 | 1700 | 15770 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1600 | 1800 | 9985 | WWCR | 100 | 90 | 9, 11, 47, 52, 53 | 1234567 | 270305 | 020405 |
| 1600 | 1845 | 21670 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1600 | 2000 | 15685 | WEWN | 500 | 40 | 27-29 | 1234567 | 270305 | 301005 |
| 1600 | 2000 | 21455 | WYFR | 100 | 44 | 27 | 1234567 | 270305 | 301005 |
| 1600 | 2100 | 9265 | WMLK | 125 | 53 | 27, 28, 39 | 234567 | 270305 | 301005 |
| 1600 | 2100 | 9740 | WINB | 50 | 242 | 10, 11 | 23456 | 270305 | 030405 |
| 1600 | 2100 | 11885 | WHRI | 250 | 152 | 10-15 | 1234567 | 270305 | 301005 |
| 1600 | 2100 | 13570 | WINB | 50 | 242 | 10, 11 | 17 | 270305 | 030405 |

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|------|------|-------|------|-----|-----|-------------------------|---------|--------|--------|
| 1600 | 2100 | 21525 | WYFR | 100 | 87 | 47, 52, 57 | 1234567 | 270305 | 301005 |
| 1600 | 2145 | 18980 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1600 | 2200 | 9320 | WWRB | 65 | 340 | 2-4, 23, 24 | 1234567 | 270305 | 301005 |
| 1600 | 2200 | 12170 | WWRB | 65 | 45 | 4, 5, 9, 18, 27, 28, 37 | 1234567 | 270305 | 301005 |
| 1600 | 2200 | 13615 | WEWN | 500 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1600 | 2200 | 13615 | WEWN | 500 | 20 | 4, 5, 9, 28 | 1234567 | 270305 | 301005 |
| 1600 | 2200 | 15250 | WWRB | 65 | 90 | 37, 38, 46-48 | 1234567 | 270305 | 301005 |
| 1600 | 2245 | 18930 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1600 | 2300 | 12160 | WWCR | 100 | 40 | 4, 9, 27-29 | 1234567 | 270305 | 020405 |
| 1630 | 1700 | 11975 | KSDA | 100 | 300 | 41N | 1234567 | 270305 | 301005 |
| 1700 | 0200 | 17725 | WYFR | 100 | 140 | 13 | 1234567 | 270305 | 301005 |
| 1700 | 1730 | 9385 | KSDA | 100 | 300 | 38E, 39 | 1234567 | 270305 | 301005 |
| 1700 | 1730 | 11560 | KSDA | 100 | 300 | 38E, 39 | 1234567 | 270305 | 301005 |
| 1700 | 1800 | 7355 | KNLS | 100 | 315 | 22-26, 32-35 | 1234567 | 270305 | 301005 |
| 1700 | 1800 | 9615 | KNLS | 100 | 300 | 43, 44, 49, 50 | 1234567 | 270305 | 301005 |
| 1700 | 1900 | 17525 | WYFR | 100 | 87 | 46 | 1234567 | 270305 | 301005 |
| 1700 | 2045 | 17750 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1700 | 2145 | 17795 | WYFR | 100 | 285 | 10 | 1234567 | 270305 | 301005 |
| 1700 | 2200 | 13760 | WHRI | 250 | 25 | 4, 5, 9 | 1234567 | 030905 | 301005 |
| 1700 | 2200 | 13800 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |
| 1700 | 2200 | 15265 | WMLK | 250 | 57 | 27, 28, 39 | 1234567 | 270305 | 301005 |
| 1700 | 2200 | 15785 | WHRI | 250 | 42 | 27-29, 37, 39 | 1234567 | 270305 | 040905 |
| 1700 | 2300 | 11920 | WWRB | 65 | 45 | 4, 9 | 1234567 | 270305 | 301005 |
| 1730 | 1800 | 9385 | KSDA | 100 | 300 | 38E, 39 | 1234567 | 270305 | 301005 |
| 1730 | 1800 | 11560 | KSDA | 100 | 300 | 38E, 39 | 1234567 | 270305 | 301005 |
| 1800 | 0700 | 7415 | WBCQ | 50 | 245 | 3-5, 10, 11 | 1234567 | 270305 | 301005 |
| 1800 | 2200 | 9975 | WWCR | 100 | 90 | 9, 11 | 1234567 | 270305 | 020405 |
| 1800 | 2200 | 9975 | WWCR | 100 | 90 | 9, 11 | 1234567 | 010605 | 310805 |
| 1800 | 2200 | 9975 | WWCR | 100 | 90 | 9, 11 | 1234567 | 010905 | 291005 |
| 1800 | 2200 | 9975 | WWCR | 100 | 90 | 9, 11 | 1234567 | 030405 | 310505 |
| 1845 | 2300 | 15600 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 1900 | 2000 | 15385 | KJES | 50 | 270 | 55, 58, 59 | 1234567 | 270305 | 301005 |
| 1900 | 2100 | 15665 | WHRA | 250 | 90 | 37, 38, 46-48, 52, 53 | 1234567 | 270305 | 301005 |
| 1900 | 2245 | 17845 | WYFR | 100 | 87 | 37, 46 | 1234567 | 270305 | 301005 |
| 2000 | 0500 | 5985 | WYFR | 50 | 181 | 11 | 1234567 | 270305 | 301005 |
| 2000 | 0500 | 11855 | WYFR | 100 | 222 | 11 | 1234567 | 270305 | 301005 |
| 2000 | 0600 | 17510 | KWHR | 100 | 300 | 43-45 | 1234567 | 270305 | 301005 |
| 2000 | 2100 | 5990 | KSDA | 100 | 330 | 44NE, 45NW | 1234567 | 270305 | 301005 |
| 2000 | 2100 | 6115 | KSDA | 100 | 315 | 44NE, 45NW | 1234567 | 270305 | 301005 |
| 2000 | 2100 | 15385 | KJES | 50 | 100 | 11 | 1234567 | 270305 | 301005 |
| 2000 | 2200 | 17595 | WEWN | 500 | 85 | 46 | 1234567 | 270305 | 301005 |
| 2000 | 2245 | 15695 | WYFR | 100 | 44 | 27, 28 | 1234567 | 270305 | 301005 |
| 2000 | 2300 | 13570 | WINB | 50 | 242 | 10, 11 | 1234567 | 040405 | 291005 |
| 2000 | 2400 | 15155 | WYFR | 50 | 285 | 10 | 1234567 | 270305 | 301005 |
| 2045 | 2300 | 11565 | WYFR | 100 | 44 | 28 | 1234567 | 270305 | 301005 |
| 2100 | 2130 | 11850 | KSDA | 100 | 315 | 45 | 1234567 | 270305 | 301005 |
| 2100 | 2130 | 11980 | KSDA | 100 | 345 | 45 | 1234567 | 270305 | 301005 |
| 2100 | 2200 | 11750 | KSDA | 100 | 315 | 43N, 44N | 1234567 | 270305 | 301005 |
| 2100 | 2200 | 11895 | KSDA | 100 | 300 | 43S, 44S | 1234567 | 270305 | 301005 |
| 2100 | 2245 | 15770 | WYFR | 100 | 87 | 47, 52 | 1234567 | 270305 | 301005 |
| 2100 | 2300 | 11765 | WHRA | 250 | 90 | 37, 38, 46-48, 52, 53 | 1234567 | 270305 | 301005 |
| 2100 | 2300 | 11885 | WHRI | 250 | 173 | 10-13 | 1234567 | 270305 | 301005 |
| 2100 | 2300 | 13570 | WINB | 50 | 242 | 10, 11 | 1234567 | 270305 | 020405 |
| 2100 | 2300 | 15285 | WHRI | 250 | 152 | 10-15 | 1234567 | 270305 | 301005 |
| 2100 | 2400 | 9985 | KHBN | 100 | 345 | 44-45 | 1234567 | 270305 | 301005 |
| 2115 | 2145 | 11690 | KTWR | 100 | 345 | 45 | 23456 | 270305 | 291005 |
| 2115 | 2200 | 11690 | KTWR | 100 | 345 | 45 | 17 | 270305 | 291005 |
| 2130 | 2215 | 11610 | KTWR | 100 | 320 | 42-44 | 1234567 | 270305 | 301005 |
| 2145 | 0300 | 15440 | WYFR | 100 | 285 | 10 | 1234567 | 270305 | 301005 |
| 2145 | 2400 | 11740 | WYFR | 100 | 315 | 2 | 1234567 | 270305 | 301005 |

| | | | | | | | | | |
|------|------|-------|------|-----|-----|-------------------|---------|--------|--------|
| 2200 | 0100 | 7465 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010605 | 310805 |
| 2200 | 0100 | 9985 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010905 | 291005 |
| 2200 | 0300 | 5950 | WYFR | 100 | 355 | 4,5,9 | 1234567 | 270305 | 301005 |
| 2200 | 0300 | 7355 | WRNO | 50 | 20 | 3-5,9-11 | 1234567 | 270305 | 301005 |
| 2200 | 0400 | 15130 | WYFR | 100 | 142 | 13 | 1234567 | 270305 | 301005 |
| 2200 | 0500 | 5105 | WBCQ | 50 | 245 | 3-5,9-11 | 1234567 | 270305 | 301005 |
| 2200 | 0500 | 13615 | WEWN | 500 | 155 | 12-16 | 1234567 | 270305 | 301005 |
| 2200 | 1000 | 13595 | WJIE | 50 | 55 | 9,27 | 1234567 | 270305 | 301005 |
| 2200 | 2230 | 11765 | KTWR | 100 | 308 | 42-44 | 1234567 | 270305 | 291005 |
| 2200 | 2230 | 11850 | KSDA | 100 | 255 | 54 | 1234567 | 270305 | 301005 |
| 2200 | 2230 | 15320 | KSDA | 100 | 255 | 54 | 1234567 | 270305 | 301005 |
| 2200 | 2300 | 12120 | KSDA | 100 | 330 | 32S,33S,43N,44N | 1234567 | 270305 | 301005 |
| 2200 | 2300 | 12130 | KTWR | 100 | 285 | 43,44 | 1234567 | 270305 | 291005 |
| 2200 | 2300 | 15215 | KSDA | 100 | 315 | 43N,44N | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 7465 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 270305 | 020405 |
| 2200 | 2400 | 7465 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010905 | 291005 |
| 2200 | 2400 | 7465 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 030405 | 310505 |
| 2200 | 2400 | 9355 | WEWN | 500 | 220 | 10-11 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9840 | WHRI | 250 | 25 | 4,5,9 | 1 | 270305 | 301005 |
| 2200 | 2400 | 9955 | KHBN | 100 | 280 | 41-49 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9955 | WRMI | 50 | 160 | 10-13 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9965 | KHBN | 100 | 318 | 43-44 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9975 | WEWN | 500 | 285 | 10 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9975 | WEWN | 500 | 20 | 4,5,9 | 1234567 | 270305 | 301005 |
| 2200 | 2400 | 9985 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 270305 | 020405 |
| 2200 | 2400 | 9985 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 010605 | 310805 |
| 2200 | 2400 | 9985 | WWCR | 100 | 90 | 9,11,47,52,53 | 1234567 | 030405 | 310505 |
| 2200 | 2400 | 15120 | WHRI | 250 | 315 | 2,3 | 234567 | 270305 | 301005 |
| 2200 | 2400 | 15745 | WEWN | 500 | 85 | 46 | 1234567 | 270305 | 301005 |
| 2215 | 2300 | 13630 | KTWR | 100 | 305 | 42-44 | 1234567 | 270305 | 291005 |
| 2230 | 2300 | 11850 | KSDA | 100 | 255 | 54 | 1234567 | 270305 | 301005 |
| 2230 | 2300 | 15320 | KSDA | 100 | 255 | 54 | 1234567 | 270305 | 301005 |
| 2230 | 2330 | 12090 | KFBS | 100 | 278 | 43S,44S,49 | 1234567 | 270305 | 301005 |
| 2245 | 0100 | 17805 | WYFR | 100 | 142 | 15 | 1234567 | 270305 | 301005 |
| 2245 | 0300 | 17750 | WYFR | 100 | 160 | 15 | 1234567 | 270305 | 301005 |
| 2245 | 0445 | 6065 | WYFR | 100 | 355 | 4,5,9 | 1234567 | 270305 | 301005 |
| 2300 | 0100 | 7520 | WHRA | 250 | 45 | 18,19,27-29,39 | 1234567 | 270305 | 301005 |
| 2300 | 0300 | 17845 | WYFR | 100 | 160 | 14 | 1234567 | 270305 | 301005 |
| 2300 | 0400 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 040405 | 291005 |
| 2300 | 0400 | 15215 | WYFR | 100 | 160 | 16 | 1234567 | 270305 | 301005 |
| 2300 | 0500 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 270305 | 030405 |
| 2300 | 0500 | 9320 | WINB | 50 | 242 | 10,11 | 1234567 | 270305 | 301005 |
| 2300 | 0500 | 15255 | WYFR | 100 | 151 | 15 | 1234567 | 270305 | 301005 |
| 2300 | 0600 | 3185 | WWRB | 65 | 340 | 2-4,23,24 | 1234567 | 270305 | 301005 |
| 2300 | 0600 | 5050 | WWRB | 65 | 150 | 11-16 | 1234567 | 270305 | 301005 |
| 2300 | 0600 | 5085 | WWRB | 65 | 45 | 4,5,9,18,27,28,37 | 1234567 | 270305 | 301005 |
| 2300 | 0600 | 5745 | WWRB | 100 | 340 | 2-4,23,24 | 1234567 | 270305 | 301005 |
| 2300 | 0600 | 6155 | WHRI | 250 | 315 | 2,3 | 1234567 | 270305 | 301005 |
| 2300 | 1000 | 3210 | WWCR | 100 | 46 | 4,9,27,28,37-39 | 1234567 | 030405 | 310505 |
| 2300 | 1200 | 5070 | WWCR | 100 | 40 | 4,9,27-29 | 1234567 | 010905 | 291005 |
| 2300 | 1200 | 5070 | WWCR | 100 | 40 | 4,9,27-29 | 1234567 | 030405 | 310505 |
| 2300 | 1300 | 5070 | WWCR | 100 | 40 | 4,9,27-29 | 1234567 | 270305 | 020405 |
| 2300 | 2400 | 12120 | KSDA | 100 | 330 | 32S,33S,43N,44N | 1234567 | 270305 | 301005 |
| 2300 | 2400 | 15320 | KSDA | 100 | 270 | 49E | 1234567 | 270305 | 301005 |
| 2300 | 2400 | 15370 | KSDA | 100 | 315 | 43N,44N | 1234567 | 270305 | 301005 |

Note Days: 1=Sunday .. 7=Saturday

(FCC web page via JKB, Apr 2005)

Station WWRB is mentioned in the above FCC list, but not given as an authorized station by the FCC. WWRB is an abbreviation for World Wide Religious Broadcasters, from Morrison, Tennessee. Programming includes patriot, Christian and public service shows. But their

Internet address <http://www.wwrb.org> is not active. (JKB, 21 Apr 2005)

The *Office of Cuba Broadcasting - OCB* directs the operations of *Radio Marti* and TV Marti, the broadcast services that provide Spanish-language news, features, and entertainment programs to Cuba. Both stations follow Voice of America's journalistic standards and guidelines for presenting news and information in an accurate and objective manner. Radio Marti broadcasts seven days a week, 24 hours a day, on medium wave (MW or AM) and short wave. TV Marti broadcasts four-and-a-half hours daily, including newscasts as well as programs about public affairs, culture, music, sports, and entertainment. The commentary and information broadcast by the stations promote the free flow of information and ideas in Cuba.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| UTC | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 5980 | | | | | | | | DL | DL | DL | DL | DL | | | | | | | | | | | | |
| 6030 | GB | GB | GB | GB | GA | GA | GA | GA | GA | DL | DL | DL | | | | | | | | | | | GB | GB |
| 7365 | GB | GB | GB | GB | | | | | | | | | | | | | | | | | | | | GB |
| 7405 | | | GB | GA | GA | GA | GA | GA | | | | | DL | DL | | | | | | | | | | |
| 9565 | | | | | | | | | GA | GA | GA | GA | | | | | GB | GB | GB | GB | GB | | | |
| 9805 | | | | GA | GA | GA | DL | DL | DL | DL | DL | DL | | | | | | | | | | | | |
| 11775 | GB | GB | GB | GB | GA | GA | GA | | | | | | | | | | | | | | | | | |
| 11845 | | | | | | | | | | | | | GB | GB | GB | GB | | | | | | | | |
| 11930 | | | | | | | | | | | | | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB |
| 13630 | | | | | | | | | | | | | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB | GB |
| 13820 | | | | | | | | | | | | | GA | GA | GA | GA | GA | GA | GA | GB | DL | DL | DL | DL |
| 15330 | DL | DL | DL | | | | | | | | | | | | | | | | | | | | DL | GB |
| 21500 | | | | | | | | | | | | | | | | | | | | | | | | DL |

Tx Locations:

Greenville, NC: GA = Site A, GB = Site B / Delano, CA: DL

Note: Radio Marti transmits 24 hours to the day, 7 days to the week except Mondays of 0300-0900 UTC.

(Prepared for web by: Don Mansfield, OCB/RT, last updated 1 Apr 2005; via JKB)

Sources & Contributors:

| | |
|---------------|---|
| Alokesh Gupta | New Delhi - India. |
| AS | Andrew Sennit - Radio Netherlands. |
| BP | Bob Padula - Australia. |
| DXLD | Glenn Hauser's DX LISTENING DIGEST - USA. |
| EDXP | Electronic DX Press, Bob Padula - Australia. |
| GH | Glenn Hauser - USA. |
| JKB | Dr. Juergen Kubiak, Berlin - Germany. |
| Kim Elliott | Dr. Kim Andrew Elliott < http://kimandrewelliott.com > - USA. |
| OBSERVER | Fortnightly edition of Radio Bulgaria's Frequency Management. |
| RNMN | R. Netherlands Media Network ©. |
| WB | Wolfgang W. Bueschel, Stuttgart - Germany. |
| WDXC-HQ | WDXC Headquarter, Michael Bethge - Germany. |

Abbreviations:

| | |
|-------------------------|-----------------------|
| <i>Target:</i> | <i>Target Prefix:</i> |
| ITU country code or | N North |
| Af Africa | E East |
| Am America | S South |
| As Asia | W West |
| Eu Europe | C Central |
| ME Middle East | |
| FSU Former Soviet Union | |

| | |
|---------------|--------------------------------|
| Languages: | Other common abbreviations: |
| Ar Arabic | bc broadcast |
| Ch Chinese | lsb Lower Side Band Mode |
| Du Dutch | nd non-directional |
| E, En English | px program |
| F French | sce(d), |
| G, Ge German | sked schedule |
| Gr Greek | ssb Single Sideband Mode |
| I Italian | tx(er) transmitter |
| J Japanese | usb Upper Side Band Mode |
| K Korean | mm/dd/yy Date (month/day/year) |
| P Portuguese | dd.mm.yy (day.month.year) |
| R Russian | |
| Sp Spanish | |
| Turk Turkish | |

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QSL CORNER

Editor: Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N 2W7, CANADA

| Country | Station | QSL | Time | ORG | Remarks | OM |
|---------------|-----------------------|--------|---------|-----------|--|-----|
| Albania | CRI via Cerrick | f/d cd | 24 days | 6020 | | RAD |
| Brazil | Radio Record | n/d cd | 26 days | 6150 | e-mail with postal reply. V/s, Ivone Almeida. | RAD |
| China | CHBC | f/d cd | 11 days | 4830 | v/s, Qiano Xiaoli. | RAD |
| Czech Rep. | Radio Prague | f/d cd | 13 days | 6200/7345 | v/s, Jama Babicsora. | RAD |
| Greece | Voice of Greece | | 35 days | 7430 | | RAD |
| Netherlands | Radio 555 via Juelich | e-mail | 12 days | 6045 | from Walter Brodowsky. | RAD |
| Peru | Radio Melodia | form L | 75 days | 5940 | v/s, Elba Alvarez de Delgado. | RAD |
| Pirate (Euro) | Radio Malaisy | form L | 38 days | 6310 | v/s, V. Gawy (?) | RAD |
| USA | KOA Radio | n/d L | 44 days | 25950 | v/s, Jan Chadwell. | RAD |

Thanks to our Reporter:

RAD = Richard A. D' Angelo, Wyomissing, PA, USA. Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, Apt. #634, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada
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MEDIUMWAVE BAND

| Frequ. | UTC | SIO | ITU | Radio Station | Language | Programme Details | Date | Rep. |
|--------|------|-----|-----|----------------------------------|------------|-----------------------|------|------|
| 540.0 | 1850 | 333 | BEL | VRT Radio Twee | Dutch | Music | 1604 | MF |
| 621.0 | 1900 | 333 | BEL | RTBF 1 | French | News,Light music | 1604 | MF |
| 675.0 | 1910 | 333 | HOL | Arrow Classic Rock | Dutch | Oldies | 1604 | MF |
| 747.0 | 1300 | 333 | HOL | Radio 747AM,Flevoland | Dutch | Church Program | 1704 | MF |
| 927.0 | 2040 | 333 | BEL | VRT Radio En | Dutch | News | 1604 | MF |
| 1008.0 | 0910 | 333 | HOL | Radio Bingo | Dutch | ID,Pop music | 1704 | MF |
| 1269.0 | 1940 | 221 | E | Radio Vila Real | Spanish | Sports | 1604 | MF |
| 1287.0 | 1945 | 322 | E | Radio Castilia | Spanish | Football | 1604 | MF |
| 1305.0 | 2100 | 322 | G | Magic AM | English | Australia | 1004 | MF |
| 1359.0 | 2000 | 222 | G | Capital Gold Cardiff | English | Hit Music | 1004 | MF |
| 1413.0 | 1900 | 211 | G | Premier Christian Radio,Dartford | English | Praise of God | 1104 | MF |
| 1449.0 | 2140 | 232 | G | BBC Asia Network | Vernacular | ID in English,Program | 1004 | MF |
| 1566.0 | 1850 | 332 | G | County Sound Radio | English | Recalling | 1104 | MF |
| 1566.0 | 2240 | 332 | G | Classic Gold,Northampton | English | ID,Hit music | 1004 | MF |

TROPICAL BANDS

| Frequ. | UTC | SIO | ITU | Radio Station | Language | Programme Details | Date | Rep. |
|--------|------|-----|-----|----------------------------------|----------------|-----------------------------------|------|------|
| 3240.0 | 0338 | 221 | SWZ | Trans World Radio | Ndau | Religious talk,Instrumental music | 0704 | RAD |
| 3315.0 | 1106 | 322 | PNG | Radio Manus | English | News,ID,Island music | 2903 | RAD |
| 3340.0 | 0234 | 211 | HND | La Voz de Misiones Internacional | Spanish | Non stop religious music and talk | 1404 | RAD |
| 3385.0 | 1047 | 322 | PNG | Radio East New Britain | English | Talk,island vocals,ID | 1903 | RAD |
| 3905.0 | 1058 | 211 | PNG | Radio New Ireland | Pidgin/English | News | 1903 | RAD |
| 3985.0 | 1935 | 222 | IRN | VOIRI | Hebrew | Program | 2304 | MF |
| 4052.5 | 0315 | 433 | GTM | Radio Verdad | Spanish | Religious talks over soft music | 1404 | RAD |
| 4760.0 | 2244 | 211 | LIB | ELWA | English | Religious talks | 2903 | RAD |
| 4780.0 | 0300 | 333 | DJI | Radiodiff Television de Djibouti | Somali | Instrumental music,ID & Koran | 2403 | RAD |
| 4780.0 | 0249 | 211 | GTM | Radio Cultural Coatan | Spanish | ID,Latin vocals | 2403 | RAD |
| 4845.0 | 0403 | 222 | MTN | Radio Mauritania | Arabic | Talks,Music | 2403 | RAD |
| 4876.4 | 0404 | 322 | B | Radio Difusora Roraima | Portuguese | ID,Music | 3003 | RAD |
| 4915.0 | 2137 | 222 | GHA | Ghana Broadcasting Corp. | English | IS,ID,News | 2903 | RAD |
| 4990.0 | 0324 | 211 | SRM | Radio Apintie | Dutch | Pop vocals,ID | 2503 | RAD |

SHORTWAVE BANDS

| Frequ. | UTC | SIO | ITU | Radio Station | Language | Programme Details | Date | Rep. |
|--------|------|-----|-----|---------------|----------|-------------------|------|------|
| 5855.0 | 1810 | 332 | ARM | TWR, Yerevan | Persian | IS,Program | 2803 | WB |
| 5950.0 | 0001 | 333 | TWN | WYFR | Chinese | ID,Program | 1504 | MF |

| | | | | | | | | |
|---------|------|-----|-----|-----------------------------------|------------|---|------|-----|
| 5965.0 | 0250 | 211 | EOA | Radiodiff Catolica Cultural | Spanish | Papa John Paul adress in Tena | 0404 | MF |
| 5985.0 | 2050 | 333 | GAB | Africa No. 1 | French | ID,Afro-Music | 2004 | MF |
| 5995.0 | 2315 | 322 | BOL | Radio Loyola | Spanish | Chile | 0104 | MF |
| 6010.0 | 0247 | 535 | CAN | Radio Sweden | English | Radio E Network Europe | 1804 | RL |
| 6030.0 | 0130 | 223 | BOL | Radio ABC , Santa Cruz | Spanish | ID,Politics | 2704 | MF |
| 6030.0 | 0400 | 211 | CAN | CFVP | English | Frequent ID's and oldies tunes | 1104 | RAD |
| 6045.0 | 1905 | 533 | G | RTI,Skelton | French | Taiwan Agriculture | 2304 | WB |
| 6045.0 | 2220 | 222 | MEX | LV Universidad | Spanish | ID,Folk & Religious music | 0104 | MF |
| 6050.0 | 0255 | 221 | EOA | HCJB,Quito | Spanish | Death of John Paul II | 0404 | MF |
| 6055.0 | 1045 | 444 | D | EMG,Wertachtal | German | Evangelical mission programs | 2404 | WB |
| 6060.0 | 0035 | 221 | B | Radio Tupi | Portugese | ID,Religious program | 2704 | MF |
| 6065.0 | 0315 | 221 | ZMB | Christian Voice | English | Service | 2504 | MF |
| 6085.0 | 0255 | 221 | BOL | Radio San Gabriel | Spanish | La Paz needs San Gabriel | 1804 | MF |
| 6100.0 | 0415 | 222 | SWZ | TWR,Africa | Vernacular | ID,Program | 0404 | MF |
| 6130.0 | 1500 | 555 | AUT | AWR,Moosbrun | German | Fundamentals | 2304 | WB |
| 6140.0 | 0405 | 322 | CLM | Radio Melodia | Spanish | Culture News | 3103 | MF |
| 6145.0 | 1915 | 555 | G | KBS,Skelton | French | Korean Film Report | 2304 | WB |
| 6150.0 | 0240 | 333 | CTR | University Network | English | The World needs Jesus | 1804 | MF |
| 6160.0 | 0315 | 333 | AFS | Channel Africa | English | Program for children | 0404 | MF |
| 6160.0 | 0110 | 111 | URS | Radio Rossii,Arkhongelsk | Russian | ID,Classic Music | 2804 | MF |
| 6170.0 | 0320 | 322 | B | Radio Cultura | Portugese | Universities | 3103 | MF |
| 6175.0 | 0330 | 333 | CAN | Voice of Vietnam | English | ID,Papa & the political prisoners in Asia | 0404 | MF |
| 6185.0 | 1910 | 555 | G | RTI,Skelton | German | Trees Protection | 2304 | WB |
| 6190.0 | 0055 | 112 | B | Radio Senado Federal | Portugese | ID,Light music | 2704 | MF |
| 6195.0 | 0640 | 444 | I | RAI,Rome | Italian | Troops in ex-Yugoslavia | 2404 | WB |
| 7160.0 | 2015 | 322 | GAB | RFI | French | Gulags in the People Republic of China | 2004 | MF |
| 7185.0 | 1830 | 322 | BGD | Radio Bangladesh | English | No political prisoners in Bangladesh | 1504 | MF |
| 7190.0 | 0100 | 333 | UZB | Radio Tashkent | English | Politics of Uzbekistan | 0404 | MF |
| 7250.0 | 0503 | 555 | CVA | Vatican Radio | English | First day Pope Benedict XVI | 2604 | RL |
| 7275.0 | 0130 | 222 | IND | All India Radio | English | ID,Hit music | 0404 | MF |
| 7385.0 | 0328 | 555 | USA | WRMI | English | WRN,Insight Central Europe | 1804 | RL |
| 7590.0 | 1050 | 232 | ISL | AFRTS,Reyjavik | English | Radio Scope | 2404 | WB |
| 9500.0 | 1955 | 332 | AUS | Radio Australia | English | Internet address | 2004 | MF |
| 9555.0 | 2230 | 333 | UAE | UAE Radio Dubai | Arabic | News from Dubai | 2604 | MF |
| 9565.0 | 1100 | 232 | USA | Radio Marti, Greenville | Spanish | IS,ID,Program | 2404 | WB |
| 9570.0 | 0020 | 333 | THA | Radio Thailand | English | Tourism | 0404 | MF |
| 9610.0 | 2240 | 333 | KOR | RCI | Chinese | ID,East Asian News | 2604 | MF |
| 9620.0 | 2110 | 111 | CAN | RCI for Northern Territory | French | Inuit Culture | 0104 | MF |
| 9675.0 | 0230 | 322 | B | Radio Cancao Nova | Portugese | ID,Religious program | 1704 | MF |
| 9700.0 | 0227 | 555 | BUL | Radio Bulgaria | English | Answering your letters | 1704 | RL |
| 9775.0 | 2335 | 322 | TJK | Radio Free Asia | Tibetan | ID,Program | 2604 | MF |
| 9795.0 | 0252 | 555 | HUN | Radio Budapest | English | Insight Central Europe | 1004 | RL |
| 9795.0 | 1112 | 333 | SIN | Radio Nederelands via Kranji | Indonesian | Feature Program | 1903 | RAD |
| 9800.0 | 0150 | 322 | KOR | RFI | French | Cuture Program | 2504 | MF |
| 9875.0 | 2354 | 454 | LTU | Radio Vilinius | English | Beer drinking habits | 1804 | RL |
| 9885.0 | 0840 | 555 | NZL | RNZI | English | Mailbox | 1104 | RL |
| 9945.0 | 0710 | 444 | UKR | RUI,Karkov | Ukranian | Music Request | 2404 | WB |
| 9960.0 | 1812 | 444 | ALB | TWR,Shijak | Persian | Program | 2803 | WB |
| 9990.0 | 2154 | 555 | EGY | Radio Cairo | English | From the heart of Egypt Grand Boxes | 1004 | RL |
| 11575.0 | 1530 | 555 | BUL | Seda-ye Iran | Persian | Program with breaks | 2304 | WB |
| 11630.0 | 1350 | 221 | F | Seda-ye Mellat-e Iran | Persian | Program jammed | 2404 | WB |
| 11665.0 | 0324 | 333 | G | Sudan Radio Service via Rampisham | English | Talks,tribal vocals and drums | 1104 | RAD |
| 11690.0 | 0400 | 433 | AFS | Radio Okapi via Meyerton | French | Talks,ID and News | 1703 | RAD |
| 11690.0 | 1628 | 444 | JOR | Radio Jordan | English | News,Headlines | 2304 | RL |
| 11715.0 | 1900 | 232 | F | LJB via Issoudun | Arabic | Speech to crowd | 2304 | WB |
| 11760.0 | 0600 | 343 | CUB | Radio Havana | English | News | 0804 | WB |
| 11765.0 | 2257 | 434 | USA | WHRA,Greenbush | English | Contemprory Music; Harvest Show | 1904 | RL |
| 11820.0 | 0610 | 333 | NZL | RNZI,Rangitaiki | English | News,CBG crimes | 0804 | WB |
| 11820.0 | 2151 | 433 | ARS | BSKSA | Arabic | Holy Quran program | 2703 | RAD |
| 11845.0 | 1637 | 222 | G | SW Radio Africa via Rampisham | English | Newsreel,ID | 2403 | RAD |
| 11870.0 | 0825 | 322 | ALS | KNLS | English | ID,God is the Hero | 2304 | MF |

| | | | | | | | | |
|---------|------|-----|-----|-----------------------------|-------------|-----------------------------|------|-----|
| 11930.0 | 1505 | 455 | ARM | Voice of Armenia,Gavar | Armenian | Orthodox Chimes | 2304 | WB |
| 11990.0 | 0037 | 454 | CAN | RCI | English | Maple Leaf Mailbag | 2504 | RL |
| 13625.0 | 1123 | 211 | MRA | Radio Free Asia | Tibetian | Tals,Feature,Theme music | 2903 | RAD |
| 13710.0 | 0040 | 555 | CAN | RCI | English | Maple Leaf Mailbag | 1804 | RL |
| 13765.0 | 1738 | 453 | CVA | Vatican Radio | English | Pope John Paul II | 0804 | RL |
| 13775.0 | 1529 | 555 | CAN | Radio Austria Intl., | English | Report from Austria | 1704 | RL |
| 15150.0 | 0800 | 232 | INS | Voice Of Indonesia,Jakarta | English | News | 2404 | WB |
| 15160.0 | 1630 | 333 | AFS | RFI.Meyerton | English | Train Station | 2404 | WB |
| 15170.0 | 0700 | 232 | AFS | RFI.Meyerton | French | Armen Massacre | 2404 | WB |
| 15200.0 | 0615 | 433 | UZB | Radio Tashkent | Turkish | Uzbek songs | 0804 | WB |
| 15225.0 | 1535 | 233 | UAE | AWR | English | Bible Radio Play | 2304 | MF |
| 15240.0 | 1345 | 554 | SWE | Radio Sweden | English | Modern Art Stockholm Museum | 1904 | RL |
| 15285.0 | 1950 | 453 | USA | WHRI | English | Dxing with Cumbre | 1604 | RL |
| 15385.0 | 0012 | 534 | E | REE,Madrid | English | Spain Day by day | 2004 | RL |
| 15425.0 | 1136 | 222 | AUS | HCJB | English | ID,feature on Tsunami | 2203 | RAD |
| 15500.0 | 1310 | 322 | G | Internews,Rampisham | Dari/Pushto | Salaam Watander program | 2404 | WB |
| 15520.0 | 1515 | 222 | UAE | WYFR | English | God against the voodoo | 2304 | MF |
| 15660.0 | 1510 | 555 | RUS | Voice of Delina,Samara | Amharic | Sermon on Saturdays only | 2304 | WB |
| 15675.0 | 1030 | 555 | UKR | RUI,Kharkov | Ukranian | Political Parties | 2404 | WB |
| 15720.0 | 0346 | 454 | NZL | RNZI,Rangitaiki | English | Mailbox | 2604 | RL |
| 17522.0 | 1514 | 442 | UZB | Voice of Tibet via Tashkent | Tibetian | Program jammed | 2304 | WB |
| 17695.0 | 0720 | 333 | AFS | BBC,Meyerton | French | BBC to Africa address | 2404 | WB |
| 17730.4 | 0730 | 333 | ARS | BSKSA,Riyadh | Arabic | Phone-in | 2404 | WB |
| 17740.0 | 1335 | 222 | UAE | AWR via Al Dhabbaya | Russian | Sermon | 2404 | WB |
| 17825.0 | 2125 | 454 | J | Radio Japn NHK | English | 44 minutes | 2504 | RL |
| 17850.0 | 1300 | 232 | AFS | RFI,Meyerton | French | News, Pope Benedict XVI | 2404 | WB |
| 17895.0 | 1748 | 333 | MRC | Studio 7 via Brieche | English | VOA ID and program | 2703 | RAD |
| 21665.0 | 1340 | 222 | RRW | Deutsche Welle via Kigali | Hausa | African Song | 2404 | WB |
| 21705.0 | 0735 | 332 | THA | VOA,Udon Thani | Mandarin | Jingles | 2404 | WB |

Thanks a lot to our club members for your contributions:

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with SONY LP1 antenna.

RAD : Rich D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340 & Drake R-8B with 500/200 feet long wire,Datong FL3.

RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF & Grundig YB 550 PE with random long wire antennas.

WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR 7030,SONY ICF 2010/2001,Kenwood R-1000,Drake SPR-4 with 12 metres long wire.

Dear Friends,

Welcome to the May issue of 2005.

Thanks to our members for sending their loggings. It is summer in Northern hemisphere. So more loggings expected in our next Logbook.

Till next issue it's 73's from your Editor,

Ashok Kumar Bose

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35 Jahre SWLCS-KURZWELLENHÖRERCLUB SAAR

30 Jahre SWLCS-Programme via Radio HCJB, Die Stimme der Anden, Quito Ecuador

Unter diesem Motto findet das 31. INTERNATIONALE SWLCS-DX-CAMP in der Zeit vom 15. bis einschließlich 17. Juli 2005 in

Merchweiler im Herzen des Saarlandes statt.

Während dieser drei Tage werden auf dem Freigelände in der Dorfstraße 13 alle Möglichkeiten des weltweiten Rundfunk- und Fernsehempfanges vorgeführt. Ca. 40 Länder strahlen Radioprogramme in deutscher Sprache aus, die oftmals ohne größeren Aufwand hier zu hören sind. Auf dem Campgelände stehen dafür einfache Radios und modernste Weltempfänger zur Verfügung. Dieses JUBILÄUMS-DX-CAMP bietet noch eine Menge mehr, so zum Beispiel:

Empfängerausstellung, auch Oldies
 Digitaler- und analoger Radio- und
 TV-Satellitenempfang
 Tropenbandempfang
 Hörerversammlungen
 TOMBOLA

CB-Funk
 QSL-Karten- und Wimpelschau
 FREE RADIO - Information
 METEOSAT-Direktempfang
 Informationsmaterial der
 Internationalen Radiodienste

Übernachten dürfte kein Problem sein – entweder kann in einem der Zelte, in den Pavillons oder in einer der nahegelegenen Pensionen oder Hotels die Nacht bzw. die Nächte verbracht werden. Selbstverständlich kann man sein eigenes Zelt mitbringen. Kostenlose Stellplätze sind ebenfalls vorhanden. Natürlich ist auch für das leibliche Wohl auf dem Gelände gesorgt. Auf Wunsch erhalten alle Besucher eine attraktive Teilnehmer-Urkunde.

Unter dem Motto "**35 JAHRE SWLCS-KURZWELLENHÖRERCLUB SAAR-30 Jahre SWLCS-Programme via Radio HCJB, Quito Ecuador**" soll das **JUBILÄUMS-DX-CAMP 2005** besonders die bereits bestehenden Kontakte unter den Kurzwellenhörern fördern und vertiefen, die Bevölkerung auf dieses schöne Hobby aufmerksam machen und nicht zuletzt die hervorragende Zusammenarbeit mit den Rundfunkstationen im In- und Ausland verdeutlichen. **Jedermann ist herzlichst eingeladen.**

Während des Camps ist auch die SWLCS-CB-Sonderstation "RADIO MIKE NULL" (RM 0) "on the air". Sämtliche Verbindungen werden mit einer attraktiven Sonder-QSL-Karte bestätigt. Einweisungen von CB-Funkmobilen erfolgen über RM 0 auf Kanal 30 (27.305 kHz in FM).

HÖRER- und HÖRERKLUBVERSAMMLUNGEN beim DX-CAMP in Merchweiler:

Radio Taiwan International – Hörertreffen mit Frau Chiu Bihui von RTI, Taiwan
 China Radio International – Hörertreffen mit Frau Dou Xiaowen von CRI, VR China
 Jubiläumstreffen (10 Jahre) des 1. Hörerklub von Radio Slowakei International
 Großes Klubtreffen des RADIO JAPAN CLUB BRILON

Für weitere Infos wenden Sie sich bitte an:
 SWLCS, Peter Hell, Postfach 1230, Dorfstr. 13,
 D-66585 Merchweiler/Saar, Deutschland,
 E-Mail: p_hell@freenet.de



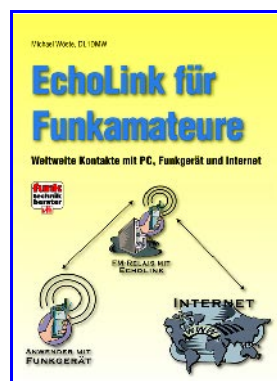
"**SMD-Praxis für Hobby-Elektroniker**" ist ein neues Buch von Matthias Rauhut. SMD bedeutet Surface Mounted Device, also "oberflächenmontiertes Bauteil". Solche Bauelemente ohne Anschlussdrähte verwendet die Industrie schon lange, doch heute kommen auch Hobbyisten und Funkamateure kaum noch um die Winzlinge herum. Dieses Buch macht von Grund auf mit der SMD-Technik vertraut und nimmt die Skepsis gegenüber den kleinen Teilen. Bei SMDs geht es nicht um eine völlig neue, sondern nur um eine etwas anspruchsvollere Technik als bisher. Dafür, wie man die kleinen Bauelemente mit der freien Hand lötet und mit ihnen experimentiert, benötigt der Hobbyist ein paar gute Tipps und Tricks, die er hier findet. Dieses Buch mit über 100 Bildern bietet nicht nur eine Fülle nützlicher Hinweise, sondern auch konkrete Nachbauprojekte.

Aus dem Inhalt: Geschichtliches ■ Vor- und Nachteile von SMDs ■ Bauformen, Maße und Werte ■ Spulen, Dioden, Transistoren, ICs ■ Aufbewahrung und Anwendung von SMDs ■ Löten - die besten Tipps und Tricks ■ Messen in SMD-Schaltungen ■ Kleine Schaltungen für SMD-Einsteiger ■ Bausatzprojekt 40-m-Telegrafietransceiver.

(64 Seiten, Format 16,5 x 23 cm, 102 Abbildungen, Best.-Nr. 411 0111, ISBN: 3-88180-811-6, Broschur, Preis: € 9,00)



Ein weiterer neuer Titel ist "**EchoLink für Funkamateure**" von Michael Wöste. EchoLink ist ein Programm für Windows und zugleich ein weltweites Datennetz, das Funkamateuren mit geringem Aufwand weltweite Funkkontakte über das Internet ermöglicht. Der CQ-Ruf auf einem Relais in Tasmanien oder auf Haiti ist nur einen Mausklick entfernt. Das Buch führt detailliert in alle Aspekte der Thematik ein und beschreibt die Funktionsweise der Sprachübertragung über das Internet.



Wie funkt man über ein FM-Relais mit EchoLink-Anbindung? Was muss man beachten? Diese Fragen beantwortet ein eigenes Kapitel, das auch die Aspekte DTMF und Betriebstechnik anschaulich erläutert. Schritt-für-Schritt-Anleitungen zu Installation und Konfiguration von EchoLink lassen auch den wenig geübten PC-Benutzer sicher an das Ziel gelangen. Ferner stellt das Buch einige käufliche Interfaces vor, lädt jedoch dazu ein, sich an eines der beiden komplett dokumentierten und mit Platinenlayout gestalteten Selbstbau-Interfaces zu wagen. Auch den zahlreichen möglichen Einstellungen in EchoLink widmet sich das Buch ausführlich. Falls es dennoch einmal hakt, findet der Leser in den Hilfestellungen unter "Problembehandlung" im Anhang sicher eine Antwort.

Aus dem Inhalt: Installation ■ Konfiguration ■ Audiotest mit EchoLink-Testserver ■ Das erste QSO ■ Betriebstechnik ■ Weltweit funken über Relais ■ Das eigene HF-Gateway ■ EchoLink-Interface ■ Selbstbau ist nicht schwer ■ Problemlösungen ■ Zusatzprogramme ■ Tabellen ■ Tipps ■ Schritt-für-Schritt-Anleitungen.

(104 Seiten, Format 16,5 x 23 cm, 131 Abbildungen, Best.-Nr. 411 0112, ISBN: 3-88180-812-4, Broschur, Preis: € 12,80)

Der dritte neue Titel im April war "**Erotik-TV via Satellit und Kabel**" von Thomas Riegler. Neben den gängigen TV-Programmen bietet der Satellitenempfang auch eine reiche Auswahl an Erotiksendern, die im Rahmen von Pay-TV-Paketen oder unabhängig abonniert werden können. Zu den verschlüsselten Sendern findet sich auch eine große Zahl freier Erotik-Kanäle. All das war für den Autor Grund genug, die Hardcore-TV-Szene über Satellit und Kabel einer nüchternen Betrachtung zu unterziehen. Das Buch zeigt auf, welche Angebote es gibt und wie Jugendschutz und Anonymität gewahrt bleiben. Es beschreibt, unter welchen Voraussetzungen man Hardcore-Sender empfangen kann und widmet sich auch allgemeinen Themen. Es werden zum Beispiel Fragen zur Decodieretechnik beantwortet, die für den ungehinderten Zugang zu Hardcore-Sendern unumgänglich ist, aber auch Wissenswertes zum allgemeinen Zugang zu verschlüsselten Programmen vermittelt.

Das Buch "Erotik-TV via Satellit und Kabel" zeigt, wie der Zugang zu Hardcore-Sendern sicher und problemlos bewerkstelligt werden kann.

Aus dem Inhalt: Erotiksender - Start mit Hindernissen ■ Erotiksender über Satellit ■ Anonymer Zugang ■ Jugendschutz ■ FTA-Boxen ■ Receiver mit integriertem Decodiersystem ■ CI-Receiver ■ Ausführliche Frequenzliste ■ Erotisches Free to Air ■ Pay-TV-Angebote auf Astra ■ Erotische Vielfalt auf Hot Bird ■ TV-Karten ■ Modulfragen ■ Sendernamen und Sprache ■ Zusatzdienste und Bildqualität ■ Heißes Kabel?

(80 Seiten, Format 16,5 x 23 cm, 120 Abbildungen, Best.-Nr. 411 0113, ISBN: 3-88180-813-2, Broschur, Preis: € 9,80)



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