



INTERNATIONAL BROADCASTING JOURNAL



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The IFRB THFBC

The "Tentative High Frequency Broadcasting Schedule", published four times a year by the International Frequency Registration Board (IFRB) of the International Telecommunication Union (ITU), Geneva, is intended to provide the expected frequency usage schedule of high frequency broadcasting stations in the allocated HFBC bands for each upcoming seasonal period, including transmitter site, time, power, and intended reception area.

The seasonal periods are: M March-April, J May-August, S Sept.-Oct., N Nov.-February

IFRB also issues a "Weekly Circular", listing changes in the Tentative Schedule.

The Tentative Schedule is based on schedules sent to the IFRB, by the country involved, approximately 5 months prior to the start of each seasonal period. It is mailed about one month before the start of the season.

The current prices are as follows:

TENTATIVE HFBC SCHEDULE 227 Swiss Francs (\$136 at current rate of exchange)
WEEKLY CIRCULAR - Annual rate 263 Swiss Francs (\$156)

The schedules listed for International Broadcasting stations are substantially accurate (with the exception of a few countries), taking into account the revisions to be expected since the schedules are submitted 5 months prior to the start of the season.

The listings for HF broadcast operations intended for domestic coverage are, however, often inaccurate and out-of-date, particularly for Latin American countries.

The ITU Article 10 Regulations permit the use of Domestic Service schedules submitted for a period of up to one year in advance. However, many of the domestic service listings are for frequencies which have not been in use for many years.

An ANNEX is provided in the back of each THFBC for the listing of expected frequencies (without times) of countries not included in the main frequency pages. However, the frequencies in the Annex often relate to previously submitted listings, which may not have been activated, rather than currently active usage which can be expected to be continued in the new season.

The International Broadcasting Journal is therefore intended to assist users of the THFBC in determining the actual expected usage, and encouraging the IFRB to eliminate the long repeated listings of inactive frequencies.

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The major inaccuracies in the international broadcast schedules listed in the current J-79 IFRB THFBC are as follows:

SPAIN Many alternative frequencies were submitted that are not in use.

GHANA This country continues to submit the formerly used frequencies for its external service (6070, 9545, 11800, 11850, 15285, 21545, 21730), although they have been off for several years due to technical problems. Recent letters to listeners state "external service transmissions are suspended on all frequencies except for 6130 khz".

LIBYA Listings not in recent issues of the THFBC, were restored in the M-79 & J-79 issues. However, the frequencies listed are the old long inactive channels of 6185, 7165, 9565, 9655, 11755, 11795. The currently used frequencies for their new 500 kw transmitters (9660, 7200) are not included.

INDONESIA The frequency of 11715 khz, dropped about 5 years ago, is still listed. The current external service frequency of 11790 khz, used continuously for the past five years, is not listed.

NEPAL Listings included are 6100, 7105, 7165, 9590, 11970, 15200, 17800 khz, all on 100 kw and 21 hours a day. None of these have been in use recently. All current Nepal shortwave operations are in the Tropical Broadcasting Bands.

URUGUAY Long active frequencies listed are 9595, 9650, 9670, 9770, 11845, 11860, 11955, 15355, 17870 khz. There is no known Uruguay usage on these frequencies, which apparently originated from the requirements submitted to the 1948 Mexico City HFBC Conference.

Following are current (J-79) listings of long inactive Domestic Service frequencies:

BRAZIL 11825, 11875, 11885, 15105, 15215, 15245, 15415, 15445, 17875.

COLOMBIA 5960, 5970, 5980, 5985, 5995, 6010, 6020, 6030, 6040, 6055, 6105, 6125, 6145, 6180, 6195. Most Colombian frequencies are listed for 06-24 GMT, rather than actual operating hours 1100-0500 GMT (0600-2400 Colombian time).

DOMINICAN REPUBLIC 6025, 6060, 6075, 6090, 6110, 6120, 6130, 6190, 9590.
These have all been off at least 10 years.

HONDURAS 5965, 5995, 6020, 6035, 6050, 6060, 6085, 6095, 6110, 6135, 6145, 6165, 6185, 6195.

MEXICO 5960, 5980, 6010, 6045, 6065, 6090, 6120, 6140, 6145, 9545, 11880, 15110, 15125.

MARTINIQUE 5995 NICARAGUA 5955, 6010, 6100, 9520.

PANAMA 5995, 6045, 9685. There has been no Panama HFBC operation for years.

PARAGUAY 11850, 11915, 11940, 11945. REUNION 7245. No HFBC operations from here.

ZAIRE 9660, 11795, 11865, 15245, 15350. The 15's off since summer 78, the others longer.

INDONESIA 5955, 6185, 7185, 7190, 7220, 7270, 9550, 9660, 9770, 11770, 11865, 15120, 15345.

RADIO PEKING TRANSMITTER SITES

IFRB Weekly Circular #1364 lists the frequencies of People's Republic of China transmitters, including transmitter sites and power.

The primary transmitter sites for external broadcasts are BEIJING (Peking), KUNMING, and XIAN (Sian). Also, URUMQI, mainly for transmissions to the USSR. SHANGHAI is also listed on a few frequencies, with 500 KW.

Powers listed are Beijing 100/120/240 kw, Kunming 50/120/240, the same for Xian and Urumqi. Beijing 11945 khz was listed for 500 kw in M-79, but this frequency not used now.

Shanghai is listed on 9575 khz at 1030-1300, 2300-0400 to the Americas, also 9530 khz at 2300-0400 to the Americas, and 15410 khz at 1230-1300 and 2300-0400 to Latin America, but none of these frequencies have been observed in operation.

A number of the listed sites are in operation, as follows:

17 Mhz Band

| | | | |
|-------|-------------|-----------|---|
| 17705 | Beijing 120 | 1030-1130 | Cambodian |
| 17735 | Xian 120 | 0830-0930 | Indonesian |
| 17745 | Xian 120 | 0100-0500 | Cantonese/Chinese to the Americas (Sounds more like 500 kw) |
| | | 0900-1300 | Chinese to Southeast Asia |
| 17795 | Xian 120 | 0830-0930 | Indonesian |
| 17810 | Kunming 50 | 0930-1000 | Tagalog, 1200-1400 English to SEA |
| 17855 | Xian 120 | 0100-0300 | English to East North America |
| | Kunming 50 | 1030-1130 | Cambodian. |

A listing of 17710 khz Kunming to Australia/Nzl corresponds with the current out-of-band 17635 khz operation at 0830-1030.

15 Mhz Band

| | | | |
|-------|------------|----------------------|--|
| 15115 | Kunming 50 | 1100-1200 | Lao/Burmese |
| 15165 | Xian 240 | 1100-1200, 1230-1300 | Spanish to LA (Listed in M-79, not in J-79) |
| 15250 | Xian 120 | 1200-1230 | Tagalog |
| 15270 | Kunming 50 | 1200-1400 | English to Southeast Asia (but reception indicates 240 kw) |
| 15305 | Xian 120 | 1400-1500 | Tamil |
| 15430 | Xian 120 | 1200-1400 | Chinese to SEA (listed in M-79) |

11 Mhz Band

11725 Beijing 120 1130-1430, 1500-1600 Vietnamese

An 11820 Beijing 120 listing of 1100-1200 to LA and 1200-1300 to NA fits with the current out-of-band 11685 khz operation.

9 & 7 Mhz Bands - No current External Service in-band operation (except Russian)

6 Mhz Band - 5975 Beijing 120 kw 1100-1500 Korean.

There are many other additional listings in the IFRB Circular for the above bands that have not been observed in operation.

CHINA DOMESTIC FREQUENCY LISTINGS

The IFRB Weekly Circular lists the following domestic service sites and frequencies. The underlined frequencies are listed in operation by the World Radio-TV Handbook.

BEIJING 15/50/120 kw - 6095, 6105, 7190, 9565, 9670, 9715, 9725, 11750, 11900, 11925, 15310, 17780, 71880

| | | | |
|-----------|-------|--|--|
| CHANGCHUN | 10 | <u>6070</u> | |
| CHENGDU | 10 | <u>7225</u> | |
| FUZHOU FJ | 10,50 | <u>6000</u> , <u>7165</u> , <u>7280</u> , 9540 | |
| GIUYANG | 10 | <u>7275</u> | |
| HARBIN | 50 | <u>6080</u> , 6150 | |
| HUHHOT | 10,50 | <u>5980</u> , <u>6045</u> , <u>7200</u> | |
| KUNMING | 50 | <u>5960</u> | |
| LANZHOU | 10,50 | <u>5970</u> , 6005, 6155, 7285, 9710 | |
| LHASA | 50 | <u>5995</u> , 6050, 7110, 7170, <u>9655</u> , 9680, 11820, 11950 | |
| URUMQI | 50 | 6015 | |
| XIAN | 10 | <u>6175</u> | |

QSL'ing of REGIONAL SERVICE FREQUENCIES

The People's Republic of China is now QSL'ing, via Peking, reports on regional service frequencies. The following have been received by European DX'ers:

| | | | |
|--------------------|------|----------------------|------------|
| Gansu PBS, Lanzhou | 4865 | Jilin PBS, Changchun | 2960 |
| Guangxi Zhuang PBS | 4915 | Xinjiang Uygur PBS | 4500 |
| Heilongjiang PBS | 4840 | Xisang PBS, Lhasa | 4035, 9655 |
| Hubei PBS, Wuhan | 3940 | Yunnan PBS, Kunming | 6937 |

(Gordon Darling, England)

RADIO PEKING ENGLISH BROADCASTS

Compiled by Shigenori Aoki, JAHK. * - Feeder frequencies, not in R.Peking printed sked.

| | | |
|-----------|-----------------------|--|
| 0000-0055 | East North America | 17680, 15520, 15115, 11845 |
| 0100-0255 | " | 17855, 17680, *15600, 15520 (to 03), 15115 |
| 0300-0455 | West North America | 17680, 15285, 12055, 11685 |
| 0830-1025 | Australia/New Zealand | 17635, 15125, *12450, 11725, 9460 |
| 1200-1255 | East North America | 15520, 11685 |
| 1200-1355 | Southeast Asia | 17810, 15270, *12450, 11650, 9290 |
| 1400-1555 | South Asia | 15315, 11650, 9680, *6810 |
| 1600-1755 | East & South Africa | 15315, 11695 (from 1700), 9860, *6810 |
| 1800-1855 | South Asia | *12450, 1206 Kunming |
| 1930-2125 | North & West Africa | 15100, 11695, 9880 |
| 2030-2225 | Europe | *12450, 11500, 9470, 6860 |