

147.165 + (136.5 Hz) 443.500 + (127.3 Hz)

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The Brandon Amateur Radio Society Newsletter

Merry Christmas عيد ميلاد سعيد

OVER 40 YEARS OF PUBLIC SERVICE TO THE BRANDON AREA
BRANDON, FLORIDA, USA
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No Club Meeting This Month!!

Come to the Eating Meeting Next Month on 18 January 2018

We will provide a reminder about the eating meeting in the January 2018 newsletter.

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A Unique Radio Contest

The Ernst Krenkel Memorial "RAEM" CW Contest

A while back in an article in *The Antenna* I mentioned the use of a four-letter callsign in the amateur radio service and the famous story of Ernst Krenkel, a Hero of the Soviet Union. Honestly, I was surprised when nobody at the meeting knew about the contest or who Krenkel was. Well, the contest is coming up in a few days, so I pulled this information off the Russian website. Here it is: **The "RAEM" HF International CW Contest 2017**

Ernst Krenkel Memorial

Radio amateurs from around the world are invited to participate in the 46th "RAEM" HF International CW contest. The RAEM contest is organized by the SRR - "Soyuz Radioljubitelej Rossii" (the Union of the Russian Radio Amateurs) in the memory of Ernst Krenkel (1903 - 1971), a famous polar explorer and the radio communications operator (call - sign "RAEM"),

the Hero of the Soviet Union, the chairman of the USSR Radiosport Federation (1959 - 1971), and the first chairman of the Central Radio Club of the USSR.

Beginning from 1924, Krenkel was a pioneering member and a main radio operator of many Russian Arctic winter research expeditions, as well as a veteran of the Russian Arctic polar station "North Pole - 1" as well as numerous other Arctic marine expeditions.

THE RULES

1. Date. Bands. Mode

The "RAEM" contest is held every year on the

4th Sunday of the full weekend in December. In 2017

the contest is held on the 24th of December at 00.00 UTC and finishes on the 24th of December at 11.59 UTC.

The period of operation is 12 hours.

Bands: Only 80, 40, 20, 15 and 10m bands may be used.

Mode: CW only.

2. Entry categories

Select only one of the following:

MULTI - ONE: Multiple operators, Single transmitter, all bands

SINGLE - OP ALL HIGH: Single operator, All bands, High power

SINGLE - OP ALL LOW: Single operator, All bands, Low power (total output power must not exceed 100 W)

SINGLE - OP 80M: Single operator, 80m Band

SINGLE - OP 40M: Single operator, 40m band

SINGLE - OP 20M: Single operator, 20m band

SINGLE - OP 15M: Single operator, 15m band

SINGLE - OP 10M: Single operator, 10m band

During the contest, the Ernst Krenkel memorial amateur radio station will be on the air with the callsign "RAEM"

. The honour of using the "RAEM" call sign is given to the previous year's high scoring Russian MULTI-ONE team. The "RAEM" memorial radio station does not compete with other participants and has no limitations on the number of transmitters.

3. Contest exchange: The exchange is formed from the following parts:

- progressive contact serial number starting with 001 for the first contact;
- your geographic latitude rounded to one degree precision;
- one letter designator of hemisphere "N" for North and "S" for south;
- your geographic longitude rounded to one degree precision.
- One letter designator of the hemisphere "O" for East (from German "Ost") and "W" for West".

Example: RW9HZZ sends "001 57n85o". 001 is the QSO number, 57n and 85o are the coordinates.

RX0LWC sends "001 44n1330" 001 is the QSO number, 44n and 1330 are the coordinates.

4. General conditions

1. A station may be worked once on each band for the QSO point credit.
2. A maximum of ten band changes for MULTI-ONE may be made during any clock hour (00 to 59 minutes). Otherwise, all QSOs made after the eleventh band change and until the end of that clock hour will result in no points awarded

- For SINGLE-OP stations there is no limit on band changes

3. Only one transmitted signal is permitted at any one time for all categories. When two or more transmitters are present at the competing station, either a software or hardware interlock must be used to prevent more than one signal at any given time.

4. Use of any assistance provided by any third parties or remote devices is not allowed. The exception is that the publicly accessible (open) information networks (e.g. DX clusters) are allowed in every category.

5. Single band entries are permitted to operate on other bands (that is apart from the main claimed (competing band). In this case only the QSOs on the claimed category band will be awarded points.

6. The number of duplicated sent or skipped QSO numbers must not exceed 2% of the overall claimed QSOs.

7. By submitting an entry in the RAEM International F CW Contest you agree that you have read and understood the rules of the contest and agree to be bound by the.

5. Scoring

1. Every valid QSO counts 50 points.

2. Every one degree in the geographic coordinates' difference in latitude (your and the received coordinates in exchange) scores one additional point; the same rule applies for the longitude .

3. Every QSO with a polar amateur radio station (defined as a station located within the Earth's Polar Circles and sending a latitude of 66 degrees or greater adds 100 points to points from the section 5.2

4. Every QSO with the "RAEM memorial amateur radio station" adds 300 points from the section 5.2

6. Final score

The final score is the sum of QSO points, geographic coordinates' points, polar contacts' points and "RAEM station points" ...

The calculation of the claimed score is provided by the Contest Committee. It is not required for the participants of the "RAEM" contest to calculate the score themselves.

7 Awarding

Plaques will be awarded to the World's 1st, 2nd, and 3rd, scores in every category.

For complete details see the website for the contest at <http://raem.srr.ru/wp-content/uploads/2017/12/raem2017en.pdf>

An Update on the Status of KPH/KSM on the Commercial CW Bands

For the past couple of months there have been no signals from the coastal station KPH/KSM out in California. Not only did they provide weather and other shipping information on Saturday afternoons (at a brisk 25 wpm) they also handled radiograms to and from the S.S. American Victory here in Tampa. One of the KKUI operators, Dean Seaver W8IM passed on information he received on Sunday the 17th of December regarding the status of the station.

I wanted to send you an update on our activities here. As you might (maybe not) know, we have received a grant from the National Park Service for antenna works during the coming year. MRHS is also kicking in \$40,000 from our treasury (which is, as you can guess, mostly donations from True Believers).

We will be using part of our pledge to do immediate work to get us back on the air. We have put together a detailed plan of work to be done, and have gotten an estimate from the tree service that we use for both tree work (a considerable part of antenna maintenance, actually) and for high level repair work on the poles and feed line supports. Because this is money we are spending as part of a Park Service project we need to get NPS approval of the project. Our hope is that will be coming shortly and that the initial work can be done in the next month. or so ... SO ... we are hoping to be back on the air by mid-January. That seems (at the current moment) a realistic goal ...

Well, if I don't write before, I wish you, and your families, and everyone in the KKUI team a very Merry Christmas!!!

Best Regards,

Steve/SM

*"Invisible airwaves crackle with life
Bright antennae bristle with the energy
Emotional feedback on timeless wavelength
Bearing a gift beyond price, almost free"
-- "The Spirit of Radio"*

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The Annual Article On Short Wave

This year we are including an updated station list, but what we want to encourage is band searching to find stations. It's one thing to send UR 5NN HR OM on CW or say "Five Nine Oh Five" on SSB or exchange numbers on JT-65; it is totally different experience to hear news, foreign languages, and music from different cultures on the short wave frequencies. Let's start off with a look at the short wave allocations and discuss their propagation characteristics. If you are active on the HF ham bands this will be very familiar. If this is new to you, pay attention. What you learn about short wave propagation will be a big help in working DX on the ham bands!

Let's look at the broadcast allocations!

These frequencies shown in **Figure 1** are going to be the night time (or early morning before sunrise) frequencies. You will note that 90 meters and 41 meters also duplicate the amateur allocations. Most stations have moved out of the 40-metr ham band, but you will still hear broadcasters in these amateur allocations. 120 meters and 90 meters are often referred to as the "tropical bands" there is lots of Spanish language broadcasting along with the creole languages of the Caribbean countries. When there is darkness at both ends of the signal path it is possible to pick up broadcasting out of Africa and the Middle East.

MHz	Meters
2.300-2.495	120
3.200-3.950	90
4.750-5.060	60
5.730-6.295	49
6.890-7.600	41
9.250-9.900	31

Set up a log and start tuning through these ranges in the night time hours. Many stations direct broadcasts to the USA during the time frame of 7-10 p.m.

Figure 1: Night time Frequencies

The 31 meter band will open up earlier than the lower frequencies. Often in the late afternoon it will start showing some activity. For the frequencies that open up during daylight hours see **Figure 2**. In this group of frequencies you will find that 19 meters is probably the busiest. Right after sunrise you will find some DX (Radio China International) on the 25 meter band. Turn on YOUR RADIO and start tuning, logging, and listening. If you are new to radio this is an ideal way to get used to your ham rig and get a feel for how High Frequency (HF) bands behave. If you do the tuning and searching method, you will find a lot of activity that is not on the station list. There is a lot of stuff on the short wave bands. Log what you hear. We have run sample log formats in past issues of *The Antenna*. If you want one drop me a line at wb9ujs@msn.com. We will share some loggings in the January 2018 issue.

MHz	Meters
11.500-12.600	25
13.570-13.870	22
15.030-15.800	19
17.480-17.900	17
18.900-19.020	15
21.450-21.850	13
25.670-26.100	11

Figure2: Daytime Frequencies

Here is the list from Prime Time Shortwave. Times shown are UTC/GMT so subtract 5 hours for current local time (EST).

PRIME TIME SHORTWAVE - <http://www.primetimeshortwave.com>
English shortwave broadcasts sorted by time

Relay site codes: ae-United Arab Emirates, al-Albania, ar-Armenia, as-Ascension, au-Austria, bt-Botswana, bu-Bulgaria, ch-China, cu-Cuba, cy-Cyprus, fr-France, ge-Germany, gr-Greenville USA, ka-Kazakhstan, ko-South Korea, ku-Kuwait, ma-Madagascar, ml-Mali, mo-Moldova, nm-North Mariana Islands, my R. Myanmar (MRTV), om-Oman, pa-Palau, ph-Philippines, ro-Romania, ru-Russia, rw-Rwanda, sa-Sao Tome e Principe, se-Seychelles, si-Singapore, sl-Sri Lanka, sp-Spain, ta-Taiwan, th-Thailand, tj-Tajikistan, uk-United Kingdom, uz-Uzbekistan, va-Santa Maria Vatican, wb-WWRB USA, wc-WWCR USA, wh-WHRI USA, wi-WINB USA, wq-WBCQ USA, wr-WRMI USA, wt-WTWW USA. za-South Africa

Notes -- Days of week: Su-Sunday, M-Monday, Tu-Tuesday, W-Wednesday, Th-Thursday, F-Friday, Sa-Saturday, exW-except Wednesday
Target areas: Af-Africa, Am-America, As-Asia, Eu-Europe, LA-Latin America, ME-Middle East, NA-North America, Oc-Oceania/Australia; e-East, w-West,

Other: alt-alternate frequency, drm-Digital Radio Mondiale, occ-occasional use, le-Learning English

This page was last updated by Ernest Riley on November 28, 2017. Version B17v02

UTC Time	Notes	Country	Station	Frequencies
0000-0015	eAs, W,F	Australia	Reach Beyond Aust	15400
0000-0030	NA	Egypt	R. Cairo	9965
0000-0030	LA	Vietnam	V. of Vietnam	7315wh
0000-0045	As	India	All India R.	6045, 7550, 9445, 9705, 11645
0000-0100	Eu	China	China R. Int'l	7350
0000-0100	As	China	China R. Int'l	6075, 6180, 7425, 9425, 11790, 11885, 15125
0000-0100	NA, Eu, Tu	U. S. A.	From Isle of Music	7490wq
0000-0100	NA, Eu, M	U. S. A.	Overcomer Ministry	5920wh
0000-0100	NA	U. S. A.	Overcomer Ministry	9370wb, 7570wr, 7780wr
0000-0100	LA	Cuba	R. Havana Cuba	5040
0000-0100	Af	Cuba	R. Havana Cuba	9720
0000-0100	NA	Thailand	R. Thailand	13745
0000-0100	Am, Sa	U. S. A.	WBCQ	5130
0000-0100	NA, Tu-Su	U. S. A.	WHRI	5920
0000-0100	NA	U. S. A.	WHRI	7385
0000-0100	NA	U. S. A.	Wld Univ Network	13845wc
0000-0100	LA	U. S. A.	WRMI	9955
0000-0100	NA	U. S. A.	WTWW	12105
0000-0100	LA	U. S. A.	WTWW	9930
0000-0100	eNA, Eu	U. S. A.	WWCR1	6115
0000-0200	As	United Kingdom	BBC	5970om
0000-0200	NA	China	China R. Int'l	6020al, 9570al
0000-0200	NA, Eu	U. S. A.	WTWW	9475
0000-0200	Af, Tu-Sa	U. S. A.	WWCR4	7520
0000-0200	NA	U. S. A.	WWRB	3215
0000-0230	LA, Tu-Sa	U. S. A.	WINB	9265
0000-0300	NA, Su	Netherlands	Mighty KBC Radio	6040ge
0000-0300	LA, M	U. S. A.	WINB	9265
0000-0458	Oc	New Zealand	RNZI	15720
0000-0700	Oc	Vanuatu	R. Vanuatu	7260
0000-0900	Af	U. S. A.	WEWN	11520
0000-1000	Am	Anguilla	Wld Univ Network	6090
0000-1200	Af	U. S. A.	Wld Univ Network	5935wc
0000-1200	Af	U. S. A.	WWCR2	5935
0000-1200	eNA, wEu	U. S. A.	WWCR3	4840
0000-1400	LA	U. S. A.	WTWW	5085
0000-2400	As	Diego Garcia	AFRTS	12759 USB
0000-2400	NA	Canada	CFRX	6070
0000-2400	NA	Canada	CFVP	6030
0000-2400	NA	Canada	CKZU	6160
0000-2400	Domestic	Malaysia	RTM Malaysia	7295
0030-0100	wNA	Slovakia	R. Slovakia	5850wr
0030-0100	wEu, eNA	Slovakia	R. Slovakia	11580wr
0100-0130	As, Su	Palau	T8WH	17720
0100-0130	LA	Vietnam	V. of Vietnam	7315wh
0100-0200	NA	China	China R. Int'l	9580cu
0100-0200	As	China	China R. Int'l	6075, 6180, 7370, 11885, 15125
0100-0200	Eu	China	China R. Int'l	7350, 9675

0100-0200	LA	U. S. A.	Overcomer Ministry	7780wr
0100-0200	eNA	U. S. A.	Overcomer Ministry	9370wb
0100-0200	wNA	U. S. A.	Overcomer Ministry	5850wr
0100-0200	eNA, M	U. S. A.	Overcomer Ministry	7490wq
0100-0200	wNA	U. S. A.	Overcomer Ministry	7570wr, 7730wr
0100-0200	LA, F-Sa	France	R. France Int'l	11580wr
0100-0200	eNA	Romania	R. Romania Int'l	6130, 7325
0100-0200	NA, Tu-Sa	Argentina	RAE	9395wr
0100-0200	Am, Tu-Sa	U. S. A.	WBCQ	7490
0100-0200	Am	U. S. A.	WBCQ	9330
0100-0200	NA, Su-M	U. S. A.	WHRI	7385
0100-0200	NA, Tu-Sa	U. S. A.	WHRI	5920
0100-0300	Eu	U. S. A.	WRMI	11580
0100-0500	Am, Su-M	U. S. A.	WBCQ	5130
0100-0600	LA	U. S. A.	WRMI	9955
0100-0900	eNA, Eu	U. S. A.	WWCR1	3215
0115-0130	Af, Su	Cyprus	FG Radio	21675wr
0130-0200	As, Su	Palau	T8WH	17720
0130-0200	As	Myanmar	Thazin R.	6030
0200-0215	NA, M	U. S. A.	Eternal Good News	7385wh
0200-0230	NA	Thailand	R. Thailand	13745
0200-0230	eNA, Eu	Ukraine	R. Ukraine Int'l	11580wr (Tu-Sa)
0200-0300	As	United Kingdom	BBC	6155om
0200-0300	As	China	China R. Int'l	9610, 11770
0200-0300	LA	South Korea	KBS World R.	9580
0200-0300	eNA, F-Su	U. S. A.	Overcomer Ministry	7490wq
0200-0300	eNA	U. S. A.	Overcomer Ministry	3185wb, 5130wq
0200-0300	LA	U. S. A.	Overcomer Ministry	7780wr
0200-0300	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr, 7730wr
0200-0300	eNA, Tu, W	U. S. A.	Overcomer Ministry	7490wq
0200-0300	LA, W-Su	France	R. France Int'l	11580wr
0200-0300	As, Su	Palau	T8WH	17720
0200-0300	NA	U. S. A.	WHRI	7385
0200-0300	LA	U. S. A.	WHRI	7315
0200-0300	NA	U. S. A.	WHRI	5920
0200-0300	As	U. S. A.	World Voice	9600ma
0200-0300	Af, Tu-Sa	U. S. A.	WWCR4	5890
0200-0330	NA	Egypt	R. Cairo	9315
0200-0500	Am	U. S. A.	WRNO	7506.4
0200-0500	NA	U. S. A.	WWRB	3195
0200-0600	NA	Cuba	R. Havana Cuba	6000
0200-0800	wNA	Cuba	R. Havana Cuba	6165
0200-1400	NA, Eu, Af	U. S. A.	WTWW	5830
0230-0300	eNA, Eu	Czech Republic	R. Prague	11580wr
0245-0300	LA, Th	Cyprus	FG Radio	9955wr
0255-0325	Af, Su	Swaziland	TWR Africa	3200
0300-0400	ME	United Kingdom	BBC	6195om, 9410om
0300-0400	Af, M-F	South Africa	Channel Africa	3345, 6155
0300-0400	NA	China	China R. Int'l	9790cu
0300-0400	As	China	China R. Int'l	11770, 13570, 13590, 13800, 15120
0300-0400	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr, 7730wr
0300-0400	LA	U. S. A.	Overcomer Ministry	7780wr
0300-0400	wEu	U. S. A.	Overcomer Ministry	11580wr
0300-0400	eNA	U. S. A.	Overcomer Ministry	3185wb, 5130wq, 7490wq
0300-0400	Af, M, Tu, F	Uganda	R. Lead Africa	5915za
0300-0400	Af	Oman	R. Sultanate Oman	15355

0300-0400	As	Taiwan	R. Taiwan Int'l	15320
0300-0400	Af	U. S. A.	V. of America	4930bt, 6080sa, 15580ku
0300-0400	NA	U. S. A.	WHRI	5920
0300-0400	NA	U. S. A.	WHRI	7385
0300-0400	Eu, Su	U. S. A.	WHRI	7520
0300-0400	LA, M-Sa	U. S. A.	WHRI	7315
0300-0400	As	U. S. A.	World Voice	15560ma
0300-0500	Am, M	U. S. A.	WBCQ	7490
0300-0600	Af	Sudan	Miraya FM R	11560mo
0320-0420	NA	Iran	VOIRI (VO Justice)	9420
0400-0430	LA, Su-M	Czech Republic	R. Prague	9955wr
0400-0430	As, Su	Palau	T8WH	17720
0400-0430	NA	U. S. A.	WHRI	7385
0400-0430	As, Oc, Sa	U. S. A.	WHRI	12015
0400-0455	eNA, wEu	Turkey	V. of Turkey	6125
0400-0455	ME	Turkey	V. of Turkey	7240
0400-0500	Af	United Kingdom	BBC	9915as, 12095ae
0400-0500	ME	United Kingdom	BBC	9410om, 12035om
0400-0500	Af, M-F	South Africa	Channel Africa	3345
0400-0500	As	China	China R. Int'l	13570, 13590, 15120
0400-0500	eEu	China	China R. Int'l	17730, 17855
0400-0500	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr, 7730wr
0400-0500	wEu	U. S. A.	Overcomer Ministry	11580wr
0400-0500	eNA	U. S. A.	Overcomer Ministry	3185wb
0400-0500	LA	U. S. A.	Overcomer Ministry	5890wc, 7780wr
0400-0500	wNA	Romania	R. Romania Int'l	6020, 7410
0400-0500	As	Romania	R. Romania Int'l	9800 drm, 11790
0400-0500	Af	U. S. A.	V. of America	4930bt, 4960sa, 6080sa, 15580ku
0400-0500	Am, M-Sa	U. S. A.	WBCQ	7490
0400-0500	Af	U. S. A.	World Voice	11825ma
0430-0500	nAf, Sa-Su	U. S. A.	WHRI	9825
0430-0527	LA	North Korea	V. of Korea	11735, 13760, 15180
0430-0527	neAs	North Korea	V. of Korea	7220, 9445, 9730
0430-0600	Af, M-F	Swaziland	TWR Africa	3200
0430-0700	Af	Swaziland	TWR Africa	4775
0445-0500	Eu, Sa	U. S. A.	Eternal Good News	11635wh
0445-0515	ME, Su	United Kingdom	Bible Voice	7325ge
0459-0758	Oc	New Zealand	RNZI	11725
0500-0530	Eu	Japan	R. Japan	6155au
0500-0530	sAf	Japan	R. Japan	9770fr
0500-0555	seAs	Turkey	V. of Turkey	17530
0500-0558	wAf	Biafra	R. Biafra	7240fr
0500-0600	Af	United Kingdom	BBC	3255za, 5875as, 5925as, 6005as, 6190za, 12095za, 15420ma
0500-0600	As	China	China R. Int'l	11895, 15350, 15430, 15465, 17540
0500-0600	ME	China	China R. Int'l	7220al
0500-0600	Af, ME	China	China R. Int'l	17510
0500-0600	eEu	China	China R. Int'l	17730, 17855
0500-0600	wEu	U. S. A.	Overcomer Ministry	11580wr
0500-0600	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr, 7730wr
0500-0600	eNA	U. S. A.	Overcomer Ministry	3185wb
0500-0600	LA	U. S. A.	Overcomer Ministry	5890wc, 7780wr
0500-0600	eNA, M-F	U. S. A.	Overcomer Ministry	3215wc
0500-0600	wAf	Biafra	R. Biafra	11530wr

0500-0600	Af, W,Th	Uganda	R. Lead Africa	12060za
0500-0600	Af	U. S. A.	V. of America	4930bt, 6080sa, 15580bt
0500-0600	nAf	U. S. A.	WHRI	9825
0500-0700	Af, Sa	Uganda	R. Lead Africa	12060za
0500-0700	Af	Swaziland	TWR Africa	6120
0500-0800	As	Kuwait	R. Kuwait	11970
0500-0800	sAf, M-F	Zambia	V. of Hope Africa	9680, 11680
0500-0800	sAf, M-F	Zambia	V.of Hope Africa	9680
0500-0800	wAf, M-F	Zambia	V.of Hope Africa	11680
0500-0900	Af, M-F	South Africa	Channel Africa	7230
0515-0530	LA, W,F	Cyprus	FG Radio	9955wr
0530-0600	Eu	Thailand	R. Thailand	17640
0530-0627	seAs	North Korea	V. of Korea	13650, 15105
0600-0700	Af	United Kingdom	BBC	6005as, 6190za, 7325, 7345as, 7445za
0600-0700	Eu	United Kingdom	BBC	3955 drm
0600-0700	Af	United Kingdom	BBC	12095za, 15420ma, 17640ae
0600-0700	Af, M-F	South Africa	Channel Africa	15255
0600-0700	As	China	China R. Int'l	11895, 13645, 15350, 15430, 15465, 17710
0600-0700	ME	China	China R. Int'l	11750al, 11870, 15145
0600-0700	Af, ME	China	China R. Int'l	17510
0600-0700	eNA, M-Sa	U. S. A.	Overcomer Ministry	3215wc
0600-0700	eNA, Su	U. S. A.	Overcomer Ministry	4840wc
0600-0700	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr
0600-0700	eNA	U. S. A.	Overcomer Ministry	3185wb
0600-0700	wEu	U. S. A.	Overcomer Ministry	7315wh, 11580wr
0600-0700	NA, Su	U. S. A.	Overcomer Ministry	4840wc
0600-0700	LA	U. S. A.	Overcomer Ministry	5890wc, 7780wr, 9955wr
0600-0700	Af	France	R. France Int'l	9735
0600-0700	Af	U. S. A.	V. of America	6080sa, 9550sa, 15580bt
0600-0800	cEu	Germany	R. der Dokumenta	15560
0600-0800	eNA	Cuba	R. Havana Cuba	6000, 6060
0600-0800	wNA	Cuba	R. Havana Cuba	6100
0630-0700	Eu	Romania	R. Romania Int'l	7345, 9770 drm
0630-0700	Oc, As	Romania	R. Romania Int'l	15450, 17780
0630-0700	Eu	Slovakia	R. Slovakia	3985ge
0630-0700	As	Myanmar	Thazin R.	9460
0630-0727	neAs	North Korea	V. of Korea	7220, 9445, 9730
0700-0730	As	Myanmar	Myanmar R.	9731
0700-0800	Af	United Kingdom	BBC	6190za, 7445za, 9915as, 11770as, 12095as, 15400za, 15420ma, 17830za
0700-0800	As	China	China R. Int'l	11895, 13660, 15185, 15350, 15465, 17710
0700-0800	wNA	U. S. A.	Overcomer Ministry	7570wr
0700-0800	eNA, M-Sa	U. S. A.	Overcomer Ministry	3215wc
0700-0800	eNA, Sa	U. S. A.	Overcomer Ministry	4840wc
0700-0800	wEu	U. S. A.	Overcomer Ministry	7355wh, 11580wr
0700-0800	eNA	U. S. A.	Overcomer Ministry	3185wb
0700-0800	LA	U. S. A.	Overcomer Ministry	5890wc, 7780wr, 9955wr
0700-0800	As	China	PBS Zizang Lhaza	4905, 4920, 6025, 6110, 6130, 6200, 9490, 9580
0700-0800	wNA, Tu-Sa	Argentina	RAE	5850wr, 7730wr
0700-0900	Af, ME	China	China R. Int'l	17670
0700-0900	Eu	China	China R. Int'l	11785al, 17490
0700-1000	LA	U. S. A.	WRMI	5850

0700-1900	Oc	Vanuatu	R. Vanuatu	7260
0700-2000	Oc	Vanuatu	R. Vanuatu	3945
0710-0725	seAs, Sa-Su	Japan	R. Japan	9730
0730-0745	ME	Vatican City	Vatican R.	11935
0759-1058	Oc	New Zealand	RNZI	9765
0800-0830	wEu, Su	United Kingdom	Bible Voice	7220ge
0800-0900	As	United Kingdom	BBC	17790si drm
0800-0900	As	China	China R. Int'l	9415, 11710, 11895, 15185, 15350, 15465
0800-0900	Eu, Sa	Italy	IRRS	9510bu
0800-0900	As	Alaska	KNLS	7370
0800-0900	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr, 9955wr
0800-0900	wNA	U. S. A.	Overcomer Ministry	7570wr
0800-0900	wEu	U. S. A.	Overcomer Ministry	11850wr
0800-0900	eNA, M-Sa	U. S. A.	Overcomer Ministry	3215wc
0800-0900	eNA	U. S. A.	Overcomer Ministry	3185wb
0800-0900	Af, Su	South Africa	S.Afr. Radio Leag.	7205, 17660
0800-0900	Af	Sudan	V. of Africa	9505
0800-0900	Af	Nigeria	V. of Nigeria	7255
0800-0900	Af	Sudan	Voice of Africa R.	9505
0800-0930	As, M-F	Palau	T8WH	9930
0800-1030	seAs	South Korea	KBS World R.	9770
0900-0930	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr, 9955wr
0900-0930	eNA, M-Sa	U. S. A.	Overcomer Ministry	3215wc
0900-0930	wEu	U. S. A.	Overcomer Ministry	11580wr
0900-0930	eNA	U. S. A.	Overcomer Ministry	3185wb
0900-0930	wNA	U. S. A.	Overcomer Ministry	7570wr
0900-0930	As	Mongolia	V. of Mongolia	12035
0900-1000	Oc	China	China R. Int'l	15210, 17690
0900-1000	Eu	China	China R. Int'l	17490, 17570, 17650
0900-1000	As	China	China R. Int'l	9415, 15185, 15350
0900-1000	As, Sa	Taiwan	PCJ Radio Int'l	17825sl
0900-1000	As, Su	Palau	T8WH	9930
0900-1200	Af	Nigeria	V. of Nigeria	9690
0900-1200	As	U. S. A.	WEWN	9470
0900-1200	eNA, Eu	U. S. A.	WWCR1	15795
0900-1600	Af, M-F	South Africa	Channel Africa	9625
0915-0930	As, Sa	Palau	T8WH	9930
0930-0945	As, F	Palau	T8WH	9930
0930-1000	eNA, M-Sa	U. S. A.	Overcomer Ministry	3215wc
0930-1000	wEu	U. S. A.	Overcomer Ministry	11580wr
0930-1000	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr, 9955wr
0930-1000	eNA	U. S. A.	Overcomer Ministry	3185wb
0930-1000	eNA, Sa	U. S. A.	Overcomer Ministry	4840wc
0930-1000	wNA	U. S. A.	Overcomer Ministry	7570wr
0930-1000	As, M,W,Th	Palau	T8WH	9930
0930-1000	As, Sa	Palau	T8WH	9930
0930-1200	Eu, Su	Italy	IRRS	9510bu
0945-1000	As, F	Palau	T8WH	9930
1000-1030	As,Oc, M-F	Guam	KTWR	11995
1000-1030	As,Oc, Su	Guam	KTWR	11965
1000-1030	wNA	U. S. A.	Overcomer Ministry	7570wr
1000-1030	Eu	U. S. A.	Overcomer Ministry	11580wr
1000-1030	eNA	U. S. A.	Overcomer Ministry	3185wb

1000-1030	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr, 9955wr
1000-1030	eNA, Sa	U. S. A.	Overcomer Ministry	4840wc
1000-1030	As, Sa-Su	Palau	T8WH	9930
1000-1030	As	Vietnam	V. of Vietnam	9840, 12020
1000-1030	NA	U. S. A.	WRMI	5850
1000-1045	As, Oc, Sa	Guam	KTWR	11995
1000-1100	As	India	All India R.	7270, 13605, 15410, 17510
1000-1100	Oc	India	All India R.	13695, 15770, 17895
1000-1100	As	United Kingdom	BBC	6195si, 9740si, 11895si, 15285si
1000-1100	As	China	China R. Int'l	5955, 13590, 13720, 15190, 15350
1000-1100	Eu	China	China R. Int'l	17490
1000-1100	Oc	China	China R. Int'l	15210, 17690
1000-1100	eEu	China	China R. Int'l	7215, 11635
1000-1100	As	Alaska	KNLS	7370
1000-1100	Oc	Indonesia	V. of Indonesia	9525
1000-1200	wEu, M-Sa	Germany	Eur Shortwave R	6160
1000-1225	Af	Saudi Arabia	BSKSA	15250
1000-2200	Am	Anguilla	Wld Univ Network	11775
1020-1120	As	Iran	VOIRI	17820, 21510
1030-1100	wNA	U. S. A.	Overcomer Ministry	7570wr
1030-1100	eNA	U. S. A.	Overcomer Ministry	3185wb
1030-1100	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr, 9955wr
1030-1100	wEu	U. S. A.	Overcomer Ministry	11580wr
1030-1100	As, Sa-Su	Palau	T8WH	9930
1030-1127	LA	North Korea	V. of Korea	6170, 9435
1030-1127	seAs	North Korea	V. of Korea	6185, 9850
1059-1258	Oc	New Zealand	RNZI	11610
1100-1104	Eu	Pakistan	R. Pakistan	15730, 17730
1100-1130	Eu, Sa	South Korea	KBS World R.	9760uk drm
1100-1130	As, Oc, M	Guam	KTWR	11965
1100-1130	As	Japan	R. Japan	11825si
1100-1130	Eu, F	Japan	R. Japan	9760uk drm
1100-1130	As, Su	Palau	T8WH	9930
1100-1145	As, Oc, W-Sa	Guam	KTWR	11965
1100-1200	As	United Kingdom	BBC	6195si, 9740si, 15285si
1100-1200	As	China	China R. Int'l	5955, 7250, 11650, 11795, 12015, 13590, 13720
1100-1200	As, Oc, Su	Guam	KTWR	11965
1100-1200	eNA, Su	U. S. A.	Overcomer Ministry	4840wc
1100-1200	LA	U. S. A.	Overcomer Ministry	5890wc, 7730wr, 7780wr
1100-1200	wEu	U. S. A.	Overcomer Ministry	11580wr
1100-1200	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr
1100-1200	eNA	U. S. A.	Overcomer Ministry	3185wb
1100-1200	wEu, M-F	U. S. A.	Overcomer Ministry	15795wc
1100-1200	As	Taiwan	R. Taiwan Int'l	7445, 11600
1100-1200	As, Sa	Palau	T8WH	9930
1100-1300	Eu	China	China R. Int'l	13665al, 17490
1100-1300	LA, Su	U. S. A.	WINB	9265
1100-1500	LA	U. S. A.	WRMI	9955
1115-1130	As, M-W, F	Australia	Reach Beyond Aust	15575
1130-1200	As	Vietnam	V. of Vietnam	9840, 12020
1130-1200	ME, F	Vatican City	Vatican R.	15595, 17590
1130-1400	As, Su	Palau	T8WH	9930

1145-1200	sAs, Sa-Su	Australia	Reach Beyond Aust	11915
1200-1215	seAs, F	Australia	Reach Beyond Aust	11865
1200-1230	As, Sa	United Kingdom	Bible Voice	21480ma
1200-1230	As, Su	Palau	T8WH	9930
1200-1230	As, Sa	Palau	T8WH	9930
1200-1300	As	Bangladesh	Bangladesh Betar	15105
1200-1300	As	United Kingdom	BBC	6195si, 9740si, 11895si
1200-1300	As	China	China R. Int'l	5955, 7250, 9460, 9600, 9645, 9730, 11650, 11980, 12015
1200-1300	Oc	China	China R. Int'l	9760, 11760
1200-1300	eEu	China	China R. Int'l	11690
1200-1300	Eu	China	China R. Int'l	17490
1200-1300	Eu, Sa	U. S. A.	From Isle of Music	6070ge
1200-1300	As	Alaska	KNLS	7355, 7370
1200-1300	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr
1200-1300	LA, -M-F	U. S. A.	Overcomer Ministry	5890wc
1200-1300	eNA, Su	U. S. A.	Overcomer Ministry	9840wh
1200-1300	wEu	U. S. A.	Overcomer Ministry	11580wr
1200-1300	LA	U. S. A.	Overcomer Ministry	7730wr
1200-1300	eNA	U. S. A.	Overcomer Ministry	9370wb
1200-1300	Eu	Romania	R. Romania Int'l	15460, 17650
1200-1300	seAf	Romania	R. Romania Int'l	17765, 21490
1200-1400	wEu, M-Sa	Germany	Eur Shortwave R	3975
1200-1500	As	U. S. A.	WEWN	12065
1200-1500	Af	U. S. A.	WWCR2	7490
1200-1500	NA, M-F	U. S. A.	WWCR3	13845
1200-1530	Af	Nigeria	V. of Nigeria	15120
1200-1700	sAf	Zambia	V. of Hope Africa	9680
1200-1700	wAf	Zambia	V. of Hope Africa	13680
1200-1700	sAf, Sa-Su	Zambia	V. of Hope Africa	9680
1200-1700	wAf, Sa-Su	Zambia	V. of Hope Africa	13680
1200-2100	eNA, Eu	U. S. A.	WWCR1	15825
1200-2400	NA, Sa-Su	U. S. A.	Wld Univ Network	13845wc
1215-1230	seAs, F	Australia	Reach Beyond Aust	11865
1230-1245	As, Sa	United Kingdom	Bible Voice	21480ma
1230-1245	As, Su	U. S. A.	Eternal Good News	21480ma
1230-1245	As, Su	U. S. A.	Eternal Good News	9930pa
1230-1245	LA, Su	Cyprus	FG Radio	9955wr
1230-1245	seAs, F	Australia	Reach Beyond Aust	11865
1230-1300	As, Oc, Sa	Guam	KTWR	11695
1230-1300	As, Oc	Thailand	R. Thailand	9390
1230-1300	As	Vietnam	V. of Vietnam	9840, 12020
1245-1300	sAs	Australia	Reach Beyond Aust	11865
1245-1300	As, Sa	Palau	T8WH	9930
1259-1650	Oc	New Zealand	RNZI	7355
1300-1330	LA, M-Sa	Czech Republic	R. Prague	9955wr
1300-1330	sAs, Su	Australia	Reach Beyond Aust	9610
1300-1330	As, Sa	Palau	T8WH	9930
1300-1330	As, Su	Palau	T8WH	9965
1300-1400	As	United Kingdom	BBC	9410om
1300-1400	NA	China	China R. Int'l	9570cu
1300-1400	Eu	China	China R. Int'l	13670, 13790
1300-1400	As	China	China R. Int'l	5955, 7300, 9655, 9730, 9870, 11910, 11980
1300-1400	Oc	China	China R. Int'l	11760, 11900
1300-1400	eEu	China	China R. Int'l	9765

1300-1400	seAs	South Korea	KBS World R.	9570
1300-1400	NA	South Korea	KBS World R.	15575
1300-1400	LA	U. S. A.	Overcomer Ministry	7730wr
1300-1400	eNA	U. S. A.	Overcomer Ministry	9370wb
1300-1400	LA, M-F	U. S. A.	Overcomer Ministry	9980wc
1300-1400	LA, Sa-Su	U. S. A.	Overcomer Ministry	21610wh
1300-1400	wNA	U. S. A.	Overcomer Ministry	5850wr, 7570wr, 11825wr
1300-1400	As, Th	Japan	Shiokaze	7410
1300-1400	As, Su	Palau	T8WH	17720
1300-1400	As, Sa	Palau	T8WH	9965
1300-1400	eAs	Indonesia	V. of Indonesia	9525
1300-1400	As,ME,Eu	Tajikistan	V. of Tajik	7245
1300-1930	LA, Sa-Su	U. S. A.	WINB	9265
1300-2100	Af	Equ Guinea	R. Africa	21525wr
1300-2100	Af	U. S. A.	WHRI	11750
1315-1330	sAs, M,W,F	Australia	Reach Beyond Aust	11865
1315-1345	As,Oc, Sa	Guam	KTWR	7510
1330-1345	As, Sa	Palau	T8WH	9930
1330-1400	As, Su	Palau	T8WH	9965
1330-1400	As	Vietnam	V. of Vietnam	9840, 12020
1330-1425	wEu	Turkey	V. of Turkey	12035
1330-1427	NA	North Korea	V. of Korea	9435, 11710
1330-1427	wEu	North Korea	V. of Korea	7570, 12015
1330-1500	As	India	All India R.	9690, 13695
1345-1400	As, Sa	Palau	T8WH	9930
1400-1415	As, Sa	U. S. A.	Eternal Good News	17650fr
1400-1415	LA, W	Cyprus	FG Radio	9955wr
1400-1430	sAs, Sa	United Kingdom	Bible Voice	17510fr
1400-1430	As, Su	U. S. A.	Pan American B/C	15205ge
1400-1430	As	Japan	R. Japan	9560uz, 11925pa
1400-1430	As, Oc	Thailand	R. Thailand	9390
1400-1430	As, Su	Palau	T8WH	9965
1400-1500	As	United Kingdom	BBC	9410om
1400-1500	Eu	China	China R. Int'l	9795, 11880
1400-1500	Af	China	China R. Int'l	13685ml, 17630ml
1400-1500	As	China	China R. Int'l	5955, 7300, 9460, 9870
1400-1500	NA	China	China R. Int'l	15700cu
1400-1500	eEu	China	China R. Int'l	9765
1400-1500	ME	China	China R. Int'l	6100
1400-1500	sAs	South Korea	KBS World R.	9630
1400-1500	As	Alaska	KNLS	7355
1400-1500	cAf, Sa	U. S. A.	Overcomer Ministry	21600wh
1400-1500	eNA, Sa	U. S. A.	Overcomer Ministry	9840wh
1400-1500	wNA	U. S. A.	Overcomer Ministry	11825wr
1400-1500	LA, M-F	U. S. A.	Overcomer Ministry	9980wc
1400-1500	eNA	U. S. A.	Overcomer Ministry	9370wb
1400-1500	Eu	Oman	R. Sultanate Oman	15140
1400-1500	Af	U. S. A.	V. of America	4930bt, 15580bt, 17885bt
1400-1600	wEu, M-Sa	Germany	Eur Shortwave R	6160
1400-2200	NA	U. S. A.	WJHR	15555 USB
1400-2400	NA,Eu	U. S. A.	WTWW	9475
1400-2400	LA	U. S. A.	WTWW	9930
1415-1430	As, M	United Kingdom	FEBA	9775sl
1420-1455	Af	Swaziland	TWR Africa	6025
1430-1445	As, Su	U. S. A.	Pan American B/C	15205bu
1430-1500	sAs, Sa	United Kingdom	Bible Voice	17510fr
1430-1500	As	Laos	Lao National Radio	6130

1430-1500	As	Myanmar	Thazin R.	6165
1430-1600	As, Sa-Su	Palau	T8WH	11675
1445-1500	LA, Tu	Cyprus	FG Radio	9955wr
1500-1530	ME	Bahrain	R. Bahrain	9745
1500-1530	As	Vietnam	V. of Vietnam	9840, 12020
1500-1600	Af	United Kingdom	BBC	12095ma, 15420za
1500-1600	ME	United Kingdom	BBC	7405om
1500-1600	Af, M-F	South Africa	Channel Africa	9625
1500-1600	Eu	China	China R. Int'l	9435, 9525
1500-1600	As	China	China R. Int'l	5955, 7325, 7395, 9785, 9870, 9880
1500-1600	Af, ME	China	China R. Int'l	6095, 9720
1500-1600	NA	China	China R. Int'l	15700cu
1500-1600	Af	China	China R. Int'l	13685ml, 17630ml
1500-1600	eEu, Su	U. S. A.	From Isle of Music	9400bu
1500-1600	eEu, Su	Italy	IRRS	9400bu
1500-1600	wEu, Sa	Netherlands	Mighty KBC Radio	9400bu
1500-1600	wNA	U. S. A.	Overcomer Ministry	11825wr
1500-1600	eNA	U. S. A.	Overcomer Ministry	9370wb
1500-1600	wEu	U. S. A.	Overcomer Ministry	11580wr
1500-1600	eNA, Sa	U. S. A.	Overcomer Ministry	9840wh
1500-1600	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
1500-1600	As	Taiwan	R. Taiwan Int'l	9405, 11685
1500-1600	Af	U. S. A.	V. of America	4930bt, 7455bt, 15580bt, 17895sa
1500-1630	As	United Kingdom	BBC	9540si, 9940ch
1500-1700	Eu	South Korea	KBS World R.	9515
1500-1700	As	South Korea	KBS World R.	9630
1500-1700	NA, Sa	U. S. A.	WWCR3	13845
1500-1800	cEu	Germany	R. der Dokumenta	15560
1500-1900	ME	U. S. A.	WEWN	15610
1500-2000	Af	U. S. A.	WWCR2	12160
1500-2400	NA, M-F	U. S. A.	Wld Univ Network	13845wc
1520-1620	As	Iran	VOIRI	11640, 11830
1530-1545	As	India	All India R.	6155, 11560
1530-1600	As, Sa-W	U. S. A.	AWR	11985sl
1530-1600	eAs	Mongolia	V. of Mongolia	12015
1530-1600	As, Sa	Vatican City	Vatican R.	9510ph, 11700ph
1530-1627	NA	North Korea	V. of Korea	9435, 11710
1530-1627	wEu	North Korea	V. of Korea	7570, 12015
1540-1600	seAs, Th, F	Japan	R. Japan	5985my
1600-1630	As	U. S. A.	AWR	11955sl, 17730ma
1600-1630	As	Guam	KSDA	15490, 15715
1600-1630	Eu	Slovakia	R. Slovakia	7310ge
1600-1630	Af	U. S. A.	V. of America	4930bt, 6080sa, 15580bt, 17895va
1600-1630	ME	Vietnam	V. of Vietnam	7220
1600-1630	wEu	Vietnam	V. of Vietnam	7280
1600-1630	wEu	Vietnam	V. of Vietnam	9730
1600-1630	nAf	Vietnam	V. of Vietnam	9550
1600-1700	Af	United Kingdom	BBC	3255za, 6190za, 7445ma, 12095za, 17640as, 17830as
1600-1700	ME	United Kingdom	BBC	7405om
1600-1700	As	China	China R. Int'l	6060, 6175, 7235, 9880
1600-1700	Eu	China	China R. Int'l	7255, 9875
1600-1700	Af	China	China R. Int'l	7435, 9570
1600-1700	Af, ME	China	China R. Int'l	7420

1600-1700	seAs	South Korea	KBS World R.	9640
1600-1700	wNA	U. S. A.	Overcomer Ministry	11825wr
1600-1700	eNA	U. S. A.	Overcomer Ministry	9370wb, 9840wh
1600-1700	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
1600-1700	wEu	U. S. A.	Overcomer Ministry	11580wr
1600-1700	As	China	PBS Zizang Lhaza	4905, 4920, 6025, 6110, 6130, 6200, 7255, 7385
1600-1700	sAs	Taiwan	R. Taiwan Int'l	9405
1600-1700	As, Th	Japan	Shiokaze	7335
1600-1800	wEu, M-Sa	Germany	Eur Shortwave R	3975
1600-1800	Af	Egypt	R. Cairo	11800
1600-1900	sAf, M-F	Zambia	V. of Hope Africa	4965, 6065
1600-1900	sAf, M-F	Zambia	V.of Hope Africa	4965
1600-1900	wAf, M-F	Zambia	V.of Hope Africa	6065
1615-1630	Af, M	France	Oromo Voice R.	17850
1630-1700	Af	U. S. A.	V. of America	4930bt, 6080bt Sa-Su, 15580bt Sa-Su
1630-1700	Af, M-F	U. S. A.	V. of America	11850za, 13865uk, 15180va
1630-1700	Af	Vatican City	Vatican R.	11625ma
1630-1727	ME	North Korea	V. of Korea	9890, 11645
1630-1730	Af, M	South Africa	S.Afr. Radio Leag.	4895
1651-1750	Oc, Su-F	New Zealand	RNZI	7285 drm
1651-1758	Oc, Sa	New Zealand	RNZI	7355
1700-1730	Af	U. S. A.	V. of America	6080sa, 13590ku, 17895va
1700-1730	sAf, Su	Zambia	V.of Hope Africa	9680
1700-1755	Af, M-F	South Africa	Channel Africa	15235
1700-1800	Af	United Kingdom	BBC	3255za, 6190za, 7445ma, 9410za, 15400as, 17780as, 17830as
1700-1800	As	China	China R. Int'l	6090, 6140, 6175, 7235, 7410, 7420, 9880
1700-1800	ME	China	China R. Int'l	6165
1700-1800	Af	China	China R. Int'l	7435, 9570
1700-1800	Eu	China	China R. Int'l	6100, 7255
1700-1800	eNA	U. S. A.	Overcomer Ministry	9370wb, 9840wh
1700-1800	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
1700-1800	wEu	U. S. A.	Overcomer Ministry	11580wr
1700-1800	wNA	U. S. A.	Overcomer Ministry	11825wr
1700-1800	Af	Sudan	Voice of Africa R.	9505
1700-1800	wNA, Su	U. S. A.	WHRI	15760
1700-1900	ME	United Kingdom	BBC	6195om
1700-2200	sAf	Zambia	V. of Hope Africa	4965
1700-2200	wAf	Zambia	V. of Hope Africa	6065
1700-2200	Eu	U. S. A.	WMLK	9275
1700-2400	NA	U. S. A.	WTWW	12105
1715-1730	ME	Vatican City	Vatican R.	9700
1730-1745	Af, Sa	U. S. A.	Eternal Good News	21600wh
1730-1800	eAf, M	United Kingdom	Bible Voice	11790ge
1730-1800	Af	U. S. A.	V. of America	6080sa, 13590ku/sa, 15580bt, 17895va
1730-1825	As	Turkey	V. of Turkey	11730
1730-1930	ME	Philippines	R. Pilipinas	9925, 12120, 15190
1730-2000	Eu	Bangladesh	Bangladesh Betar	13580
1745-1945	Af	India	All India R.	9445, 11935, 13695, 17670
1745-1945	Eu	India	All India R.	7550, 9950
1751-1850	Su-F	New Zealand	RNZI	9780 drm
1759-1958	Oc, Sa	New Zealand	RNZI	11725

1800-1810	Af	Tanzania	Zanzibar B/C	11735
1800-1815	ME, F	United Kingdom	Bible Voice	9715au
1800-1830	ME, Sa	United Kingdom	Bible Voice	9715au
1800-1830	Af	Japan	R. Japan	11800za
1800-1900	Af	United Kingdom	BBC	3255za, 6190za, 7445ma, 9410ae, 9915
1800-1900	Af	United Kingdom	BBC	11810as, 15400as
1800-1900	Eu	China	China R. Int'l	6100, 7405
1800-1900	Eu, F-Su	Italy	IRRS	7290bu
1800-1900	eNA	U. S. A.	Overcomer Ministry	5900bu
1800-1900	eNA	U. S. A.	Overcomer Ministry	9370wb
1800-1900	eAF	U. S. A.	Overcomer Ministry	9400bu
1800-1900	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
1800-1900	wEu	U. S. A.	Overcomer Ministry	11580wr
1800-1900	wNA	U. S. A.	Overcomer Ministry	11825wr, 15710wh
1800-1900	LA, Su	U. S. A.	Overcomer Ministry	12160wc
1800-1900	cAF, M-F	U. S. A.	Overcomer Ministry	21610wh
1800-1900	Eu	Romania	R. Romania Int'l	5935, 7350 drm
1800-1900	ME	Yemen	R. Sanna	6135
1800-1900	Af	U. S. A.	V. of America	4930bt (Sa-Su), 13590th, 15580bt
1800-1900	NA	U. S. A.	WHRI	9840
1800-1900	Af	U. S. A.	World Voice	17640ma
1800-1930	Af	Nigeria	V. of Nigeria	7255
1800-2000	ME, Su	United Kingdom	Bible Voice	9715au
1800-2000	wEu, M-Sa	Germany	Eur Shortwave R	6160
1800-2100	Eu	Kuwait	R. Kuwait	15540
1800-2100	Af	France	Radio Biafra	11700bu
1800-2100	As	Russia	Voice of Russia	11760 drm
1802-1832	Af, M-F	Swaziland	TWR Africa	9500
1802-1902	Af, Sa	Swaziland	TWR Africa	9500
1815-1830	As, Su	U. S. A.	Eternal Good News	7365ge
1815-2000	ME, Sa	United Kingdom	Bible Voice	9715au
1830-1900	Af	U. S. A.	AWR	15155ma
1830-1900	ME, M-F	U. S. A.	Overcomer Ministry	6000bu
1830-1927	wEu	North Korea	V. of Korea	7570, 12015
1830-1930	eEu, Su	United Kingdom	Bible Voice	6030ge
1851-1950	Oc, Su-F	New Zealand	RNZI	11690 drm
1900-1930	wEu	United Kingdom	End Times Coming	11590bu
1900-1930	Af	U. S. A.	Follow the Bible	M12005as, 12030as
1900-1930	wEu	Vietnam	V. of Vietnam	7280, 9730
1900-2000	Af	United Kingdom	BBC	3255za, 6190za, 7445ma, 9410ae
1900-2000	Af	United Kingdom	BBC	11810as, 15400as
1900-2000	Af, ME	China	China R. Int'l	7295, 9440
1900-2000	Eu, Tu	U. S. A.	From Isle of Music	6070ge
1900-2000	LA, F	U. S. A.	KVOH	17775
1900-2000	ME, M-F	U. S. A.	Overcomer Ministry	6000bu
1900-2000	eNA	U. S. A.	Overcomer Ministry	9370wb
1900-2000	eAF	U. S. A.	Overcomer Ministry	9400bu
1900-2000	eNA, Su	U. S. A.	Overcomer Ministry	9840wh
1900-2000	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
1900-2000	wEU	U. S. A.	Overcomer Ministry	11580wr
1900-2000	wNA	U. S. A.	Overcomer Ministry	11825wr, 15710wh
1900-2000	cAF, Sa-Su	U. S. A.	Overcomer Ministry	12160wc
1900-2000	cAF, M-F	U. S. A.	Overcomer Ministry	21610wh
1900-2000	wAF	Biafra	R. Biafra	11530wr

1900-2000	Eu	Thailand	R. Thailand	9390
1900-2000	Af	U. S. A.	V. of America	4930bt, 13590sa, 15580bt
1900-2000	wEu	Indonesia	V. of Indonesia	9525
1900-2000	NA, Su	U. S. A.	WHRI	9840
1900-2030	Af	Egypt	R. Cairo	15290
1900-2200	Af, Sa-Su	Uganda	R. Lead Africa	7425za
1900-2200	Af, Sa-Su	U. S. A.	WWCR4	9980
1900-2400	Af	U. S. A.	WEWN	15610
1920-2020	Af	Iran	VOIRI	9420, 9800
1920-2020	Eu	Iran	VOIRI	7315, 9810
1930-1945	Eu, Sa	U. S. A.	Eternal Good News	6030ge
1930-2000	Af, Su	U. S. A.	Pan American B/C	5930ge
1930-2000	wAf	Japan	R. Japan	9485va
1930-2000	Oc	Japan	R. Japan	9625
1930-2015	ME, Su	United Kingdom	Bible Voice	7425ge
1930-2015	ME Su	United Kingdom	Bible Voice	7425ge
1930-2025	wEu	Turkey	V. of Turkey	6050
1930-2027	ME	North Korea	V. of Korea	9875, 11635
1930-2027	sAf	North Korea	V. of Korea	7210, 11910
1930-2400	LA	U. S. A.	WINB	9265
1951-2050	Oc, Su-F	New Zealand	RNZI	13840 drm
1959-2058	Oc, Sa	New Zealand	RNZI	13840
2000-2027	Af	Vatican City	Vatican R.	7365, 9660
2000-2030	Eu	Slovakia	R. Slovakia	3985ge
2000-2100	Af	United Kingdom	BBC	11810as, 12095as
2000-2100	Af	China	China R. Int'l	5985, 11640ml, 13630ml
2000-2100	Eu	China	China R. Int'l	5960al, 7285al, 7415, 9600
2000-2100	Af, ME	China	China R. Int'l	7295, 9440
2000-2100	eNA	U. S. A.	Overcomer Ministry	9370wb
2000-2100	LA	U. S. A.	Overcomer Ministry	9955wr, 9980wc
2000-2100	wNA	U. S. A.	Overcomer Ministry	11825wr, 15710wh
2000-2100	cA, Sa	U. S. A.	Overcomer Ministry	12160wc
2000-2100	wNA	Cuba	R. Havana Cuba	15140
2000-2100	Af	U. S. A.	V. of America	4930bt, 6195bt, 15580bt
2000-2100	Am, Tu	U. S. A.	WBCQ	7490
2000-2100	eNA, wEu, Su	U. S. A.	WHRI	11750
2000-2100	Af	U. S. A.	WHRI	21610
2000-2100	Af	U. S. A.	World Voice	17640ma
2000-2200	wEu, M-Sa	Germany	Eur Shortwave R	3975
2000-2200	Af	U. S. A.	WWCR2	9350
2000-2400	Oc	Vanuatu	R. Vanuatu	7260
2030-2045	Eu	Thailand	R. Thailand	9390
2030-2100	Af, Sa-Su	U. S. A.	V. of America	4960sa
2030-2100	ME	Vietnam	V. of Vietnam	7220
2030-2100	nAf	Vietnam	V. of Vietnam	9550
2045-2230	Eu	India	All India R.	7550, 9445, 9950
2045-2230	Oc	India	All India R.	9910, 11620, 11740
2051-2400	Oc	New Zealand	RNZI	15720
2100-2115	Eu, Su	U. S. A.	Eternal Good News	11705wh
2100-2115	Eu, W	Cyprus	FG Radio	15770wr
2100-2115	NA, W	Cyprus	FG Radio	7570wr
2100-2130	Af	U. S. A.	AWR	11980au
2100-2130	Af	China	China R. Int'l	11640ml, 13630ml
2100-2130	wEu, eNA	Slovakia	R. Slovakia	11580wr (Sa-Su)
2100-2200	Af, M-F	United Kingdom	BBC	9915as, 11810as, 12095as
2100-2200	Af	China	China R. Int'l	7205, 7325

2100-2200	Eu	China	China R. Int'l	5960al, 7285al, 7415, 9600
2100-2200	eNA	U. S. A.	Overcomer Ministry	9370wb, 15710wh
2100-2200	LA, M-F	U. S. A.	Overcomer Ministry	9955wr
2100-2200	LA	U. S. A.	Overcomer Ministry	9980wc
2100-2200	wNA	U. S. A.	Overcomer Ministry	11825wr
2100-2200	LA, M-Tu	France	R. France Int'l	15770wr
2100-2200	Af	U. S. A.	V. of America	6195bt, 15580gr
2100-2200	Am, M-F	U. S. A.	WBCQ	7490
2100-2200	LA	U. S. A.	WHRI	17540
2100-2200	Eu	U. S. A.	WRMI	15770
2100-2400	LA	U. S. A.	WRMI	9955
2100-2400	LA, W-Su	U. S. A.	WRMI	9955
2100-2400	eNA, Eu	U. S. A.	WWCR1	6115
2115-2200	LA, W	France	R. France Int'l	15770wr
2115-2245	Eu	Egypt	R. Cairo	9900
2130-2200	LA, Th	France	R. France Int'l	15770wr
2130-2200	Eu	Romania	R. Romania Int'l	6030 drm, 7375
2130-2200	eNA	Romania	R. Romania Int'l	6170, 7310
2130-2200	wEu	Vietnam	V. of Vietnam	7280, 9730
2130-2225	seAs	Turkey	V. of Turkey	9610
2130-2227	wEu	North Korea	V. of Korea	7570, 12015
2145-2200	Eu, W	Cyprus	FG Radio	15770wr
2200-2230	As, M, W, Sa	U. S. A.	AWR	9720sl
2200-2230	As, Su, Tu, Th	Guam	KSDA	15435
2200-2300	As	United Kingdom	BBC	3915si, 5905om, 5960om, 6195si, 7205om, 7300om, 9890om
2200-2300	As	China	China R. Int'l	5915
2200-2300	wEu	South Korea	KBS World R.	11810
2200-2300	As	South Korea	KBS World R.	13705
2200-2300	eNA	U. S. A.	Overcomer Ministry	9370wb, 11825wr
2200-2300	wEU, M-F	U. S. A.	Overcomer Ministry	5910wh
2200-2300	LA	U. S. A.	Overcomer Ministry	9980wc
2200-2300	LA, F	Taiwan	PCJ Radio Int'l	9955wr
2200-2300	Am, Su	U. S. A.	WBCQ	7490
2200-2300	NA, Sa-Su	U. S. A.	WHRI	9505
2200-2300	wNA, Su	U. S. A.	WHRI	15760
2200-2400	Am, Sa-Su	U. S. A.	WBCQ	7490
2200-2400	Am	Anguilla	Wld Univ Network	6090
2200-2400	Af	U. S. A.	WWCR2	5890
2200-2400	NA	U. S. A.	WWRB	3215
2230-2245	eAs, M-F	Australia	Reach Beyond Aust	15400
2230-2300	LA	U. S. A.	AWR	5950wr
2245-2400	As	India	All India R.	6045, 7550, 9445, 9705, 11645
2300-2315	Eu, Tu	Cyprus	FG Radio	5850wr, 5985wr, 11580wr
2300-2315	Eu, Th	Cyprus	FG Radio	5850wr, 11580wr, 11920wr
2300-2330	NA, M-Sa	Albania	R. Tirana	5850wr
2300-2355	eNA	Turkey	V. of Turkey	5960
2300-2400	As	United Kingdom	BBC	3915si, 6195si
2300-2400	Am	China	China R. Int'l	5990cu
2300-2400	As	China	China R. Int'l	5915, 6145, 7410, 9535, 11790
2300-2400	Eu	China	China R. Int'l	7350
2300-2400	eNA, M-F	U. S. A.	Overcomer Ministry	7490wq
2300-2400	wNA	U. S. A.	Overcomer Ministry	7570wr

2300-2400	LA	U. S. A.	Overcomer Ministry	7730wr
2300-2400	eNA	U. S. A.	Overcomer Ministry	9370wb, 11825wr
2300-2400	wEU, M-F	U. S. A.	Overcomer Ministry	5910wh
2300-2400	LA, M-F	U. S. A.	Overcomer Ministry	9980wc
2300-2400	NA	Egypt	R. Cairo	9965
2300-2400	Eu	Romania	R. Romania Int'l	5980, 7220
2300-2400	As	Romania	R. Romania Int'l	7325, 9620
2300-2400	LA	U. S. A.	WHRI	7315
2300-2400	NA, Sa-Su	U. S. A.	WHRI	9505
2300-2400	Eu	U. S. A.	WRMI	5850, 11580
2300-2400	LA	U. S. A.	WRMI	9955
2300-2400	Af, M-F	U. S. A.	WWCR4	7520
2330-2400	wNA	Czech Republic	R. Prague	5850wr
2330-2400	eNA, Eu M-F	Ukraine	R. Ukraine Int'l	11580wr
2330-2400	As	Vietnam	V. of Vietnam	9840, 12020
2345-2400	LA, Su	U. S. A.	Eternal Good News	7315wh

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That's it for this month. Have fun with radio!

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Keep in Mind Our Weekly Nets and Bulletins

Monday 8 p.m. The Two Meter Net 147.765 - 147.165 MHz Hosted by Doris Haskell WB9VDT

Tuesday 7 p.m. 6-meter Roundtable 50.200 MHz USB followed at 8 p.m. with the 10 Meter Roundtable 28.365 MHz USB

Send us your articles AND PICTURES! We do much more in the digital format! I would like to have pictures of BARS members and their ham shacks!

Remember to check out the BARS website:

brandonhamradio.org