

BRITISH DX CLUB
UNITED KINGDOM
ON SHORTWAVE



featuring
A-19 shortwave schedule for Woofferton
Reflections on the BBC transmitter site at Woofferton
Focus on the BBC at Woofferton
A-19 worldwide schedule for BBC World Service

May 2019

Woofferton on Shortwave

Transmissions from Woofferton (Shropshire) 02.43W 52.19N

The Woofferton Transmitting Station is located about three miles south-south west of Ludlow in Shropshire, near to the Shropshire-Herefordshire border. It is owned and operated by Encompass Digital Media (who acquired Babcock Media Services in 2018). The site consists of six 250 kW and four 300 kW shortwave transmitters. It is the last remaining shortwave transmitter site in the United Kingdom following the closure of Rampisham and Skelton. In addition, the North Herefordshire mediumwave relay of BBC Hereford and Worcester is located at this site, operating on 1584 kHz with 500 Watts.

Woofferton schedule for the A-19 season effective 31 March to 26 October 2019

Time/UTC	Days	Station	Language	Target	kHz	kW (Azi)
0000-0100	Daily	BBC	English	South Asia	7300	250 (082°)
0300-0400	Daily	BBC	Arabic	North Africa	5875	250 (140°)
0459-0600	Daily	BBC (DRM)	English	Europe	3955	100 (114°)
0500-0600	Daily	BBC	English	West Africa	6005	250 (184°)
0500-0600	Daily	BBC	English	West Africa	7345	250 (170°)
0500-0600	Daily	BBC	English	Central Africa	9915	250 (158°)
0500-0600	Daily	unconfirmed	English	West Africa	7415	250 (170°)
0529-0600	Daily	BBC	Hausa	West Africa	9440	300 (160°)
0530-0600	Daily	Voice of America	French	W & C Africa	9885	250 (165°)
0600-0629	Daily	BBC	French	North Africa	9440	250 (170°)
0500-0600	Daily	BBC	English	Central Africa	12015	250 (158°)
0500-0600	Daily	BBC	English	Central Africa	13660	250 (152°)
0629-0700	Daily	BBC	Hausa	West Africa	11660	250 (160°)
0700-0729	Daily	BBC	French	North Africa	15490	250 (152°)
0700-0800	Daily	KBS World Radio	Korean	Europe	9860	250 (102°)
0700-0800	Daily	Radio Ndarason Int.	Kanuri	West Africa	13810	250 (165°)
0700-0800	Daily	BBC	English	Central Africa	15260	250 (158°)
1300-1800	Daily	Radio Farda	Persian	West Asia	12005	300 (090°)
1400-1500	Daily	Radio Ozodlik (RFE/RL)	Uzbek	Central Asia	15180	300 (080°)
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	17700	300 (165°)
1630-1700	Fri	Voice of America	Portuguese	Southern Africa	17655	250 (165°)
1700-1800	Daily	IBRA Radio	Arabic	Middle East	15260	250 (105°)
1700-1800	Daily	Voice of America	English	W & C Africa	13590	300 (165°)
1700-1830	Sat	BBC	Hausa	West Africa	15685	300 (158°)
1730-1800	Mon-Fri	Voice of America	Oromo	Horn of Africa	11610	300 (126°)
1730-1900	Daily	IBRA Radio	Arabic	North-East Africa	15510	300 (140°)
1800-1830	Daily	BBC	French	Indian Ocean Isl.	9750	250 (140°)
1800-1830	Daily	BBC	French	Central Africa	11680	300 (152°)
1800-1830	Daily	BBC	French	North Africa	12005	250 (170°)
1800-1900	Daily	KBS World Radio	Russian	Russia	9820	250 (066°)
1800-1900	Daily	KBS World Radio	Russian	Russia	12065	250 (066°)
1800-1900	Daily	Voice of America	Amharic	Horn of Africa	11610	300 (126°)
1800-1900	Daily	Voice of America	Amharic	Horn of Africa	15660	300 (120°)
1800-2000	Daily	BBC	English	West Africa	13660	250 (165°)
1830-1900	Sun	Follow the Bible Ministry	Arabic	North Africa	9470	300 (114°)
1830-1900	Sun	Follow the Bible Ministry	Arabic	North Africa	11850	250 (114°)
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	12095	300 (140°)
1900-1930	Mon-Fri	Voice of America	Tigrinya	Horn of Africa	11610	300 (126°)
1900-2000	Daily	KBS World Radio	French	Europe	6145	300 (172°)
1900-2100	Daily	Radio Ndarason Int.	Kanuri	West Africa	12050	250 (152°)
1930-2000	Daily	BBC	Hausa	West Africa	9545	250 (160°)
2000-2030	Fri	BBC	Hausa	West Africa	9545	300 (160°)
2000-2100	Daily	KBS World Radio	German	Europe	3955	250 (114°)
2000-2100	Daily	BBC	English	West Africa	9410	250 (170°)
2000-2100	Daily	BBC	English	Central Africa	11810	250 (158°)
2100-2130	Daily	Voice of America	French	W & C Africa	9740	250 (165°)
2100-2115	Daily	Radio Akhbar Mufriha	Tachelhit	North Africa	7300	250 (170°)

Time/UTC	Days	Station	Language	Target	kHz	kW (Azi)
2100-2200	Daily	BBC	English	West Africa	7310	250 (180°)
2100-2200	Daily	BBC	English	Central Africa	11810	250 (158°)
2115-2145	Daily	Radio Akhbar Mufriha	Arabic	North Africa	7300	250 (170°)

British DX Club visit to Woofferton (October 2017)

In October 2017, twenty BDXC members gathered at Woofferton for a much anticipated tour of the transmitter site. Read the report by Alan Pennington of this enjoyable day here: <http://www.bdx.org.uk/woofferton.pdf> (this article originally appeared in Communication in November 2017)

Reflections on the BBC transmitting station at Woofferton by Alan Hardy (June 1994)

The BBC Transmitting Site at Woofferton first came into operation in 1943 as a result of wartime expansion in external broadcasting. Initially, there were six 50 kW shortwave transmitters with aerial systems beamed in several directions, directed by the needs of the time.

The BBC Transmitting Site at Woofferton first came into operation in 1943 as a result of wartime expansion in external broadcasting. Initially, there were six 50 kW shortwave transmitters with aerial systems beamed in several directions, directed by the needs of the time.

The Woofferton site is located 52°18'N or about three miles south-south west of Ludlow in Shropshire, near to the Shropshire-Herefordshire border. Quite an area in now covered by the array of aerials on the site, which cater for the six 250 kW and four 300 kW transmitters used for shortwave broadcasting. In addition, the BBC South Shropshire relay of Radio Shropshire is located at this site, operating on 1584 kHz with 500 Watts.

After the end of the Second World War, and at the beginning of the Cold War era in 1948, Woofferton became the site of the Voice of America shortwave operations in the UK. The transmitters were operated by the BBC on behalf of the VOA (the first VOA broadcasts from the UK took place over BBC long and mediumwave transmitters in February 1942).

The Woofferton site was an early example of shortwave transmitting sites outside of the US which could get a stronger signal into target areas this side of the Atlantic because of greater nearness. From Woofferton, two networks were developed; the 'Blue Stars' and the 'Grey Stars', which combined broadcast in total about sixteen hours a day. The target areas were Central and Eastern Europe, the Balkans and Near East, plus European Russia. Latterly, broadcasts to Africa were also made from Woofferton.

Over the years, VOA has introduced and expanded other sites in Europe and North Africa which has reduced Woofferton's present output to a level less than has been seen in the past. Indeed, with the collapse of Communism in recent years, former RFE/RL transmitters at Gloria in Portugal have become available to VOA and a new site in Morocco has been set up, perhaps at the expense of Woofferton. With this, though, the BBC has filled available airtime with a few relays of Radio Japan and Radio Canada International in addition to its own transmissions.

However, VOA still broadcasts some vital output from Woofferton. The schedule on the opposite page lists several frequencies for the Serbian and Croatian services, beamed to the war-torn former-Yugoslavia, and some transmissions in languages of the former-Soviet Union also originate from Woofferton.

Living in Knighton, 18 miles west-north west of Woofferton, it gives the writer a good opportunity to listen to groundwave from this site. Reception is best during summer months when the lower shortwave frequencies tend not to be used or don't propagate well to the UK as when they do for the rest of the year. 6040 kHz is a good example between 1630-2200, offering excellent reception in summer with only a half-length telescopic aerial on my radio-cassette comparable, say, to Radio 4 on longwave.

As to the future of Woofferton, we will have to wait and see. Perhaps there will be more in the way of relays from Radio Japan and CBC, and others as well in this era of relay exchanges. VOA's output may also be dictated by world affairs, so further changes in the number of hours used from Woofferton may take place. Whatever the outcome, VOA's association with the site will be fondly remembered.

Alan Hardy - June 1994 (this article originally appeared in Communication in July 1994)

Focus on the BBC at Woofferton by Alan Hardy (August 1998)

The origin of the BBC transmitter site at Woofferton goes back to 1943. Woofferton itself is a village on the A49 between Ludlow and Hereford, three miles south of Ludlow and twenty two north of Hereford. The actual transmitting site sits astride the Herefordshire-Shropshire border, the complex stretching from Shropshire into Herefordshire.

In 1943, on response to the radio expansion of the BBC's external services, the site at Woofferton came into being. The initial complement of transmitters consisted of six 50 kW units. By April 30th 1944, the BBC's external services had reached their wartime peak with 35 shortwave transmitters in use, plus three mediumwave transmitters and one longwave transmitter. These were used for three European services and two Overseas services.

By the end of the war, there was over-capacity and in 1948 the transmitters were operated by the BBC to relay Voice of America programmes. In effect, Woofferton became a VOA relay site, similar to Munich, Tangier and Salonica.

Over the years, the initial 50 kW transmitters were replaced by 100 kW units, until the current complement of six 250 kW and four 300 kW transmitters existing today were arrived at.

In 1991, the BBC shortwave site at Daventry closed down, leaving Skelton in Cumbria and Rampisham in Dorset as the homes for BBC shortwave transmitters, in addition to the third site at Woofferton.

Nowadays, in addition to the BBC and VOA, Woofferton transmitters are also currently used to relay Radio Japan, CBC, Radio Korea and RFE/RL. In addition to the ten shortwave transmitters at Woofferton, there are now additional ones for BBC Radio Shropshire on mediumwave (1584 kHz) and FM for coverage of South Shropshire.

Those are the facts about Woofferton, but to me personally at 56 years of age, Woofferton and the countryside surrounding it holds a semi-mystical fascination. My first knowledge of Woofferton goes back to reading the Guide to Broadcasting Stations published annually over forty years ago.

All shortwave stations over 1 kW were listed, according to frequency and wavelength, and at the back of the book they were listed by country and frequency. In the main text at the foot of the pages were notes stating "BBC Overseas transmitters are located at Skelton (Cumberland), Daventry (Northants), Woofferton (Shropshire) and Rampisham (Dorset)". Daventry has since gone, could Woofferton be the next?

My second experience was a result of travelling by train from Manchester to the south-west of England on holiday. The train left at 23.15 with a single locomotive engine hauling twelve carriages at a slow pace. Not getting a seat, I sat on a suitcase in the corridor and dozed off, only to be woken when the train stopped at signals. Checking my watch, it was 03.45 and looking out of the window there was a vast aerial field in sight. When the train moved, a sign saying "Woofferton Junction Signal Box" appeared. This was the Woofferton transmitter site that I had read about!

Ten years later, in 1970, I saw the transmitter site again whilst on holiday in the area. Situated in South Shropshire/North Herefordshire, with Wales in the west and England to the east, the countryside looked magnificent and it made a great impression on me, so much so that ten years later I left the north-west and settled in the Welsh Borderland at Knighton (Powys).

Living locally, a few years ago I had the pleasure of speaking to a resident of Woofferton, now in his mid-eighties, and he distinctly remembered the site being developed, for or by the BBC, whilst working as an agricultural worker during the war in 1943.

Every time I see the aerial arrays, which are visible for miles around, I remember the hot stuffy night in August 1960 and the diesel fumes from an overworked British Railways locomotive!

Alan Hardy - August 1998 (this article originally appeared in Communication in September 1998)

Editor's note: Alan was a BDXC member for several years and sadly passed away in November 1999.

BBC World Service

A-19 schedule for mediumwave and shortwave transmissions

BBC World Service schedule for A-19 on mediumwave and shortwave

Please note that these frequencies that are based on HFCC data available prior to the start of the A-19 season and are subject to change.

Transmitter sites used by the BBC World Service on mediumwave and shortwave:

Mediumwave

Location	Abbrev.	Power used (kW)
Dushanbe, Tajikistan	dsb	100 kW
A'Seela, Oman	sla	800 kW
Zakaki, Cyprus	zak	500 kW

Shortwave

Location	Abbrev.	Power used (kW)
Ascension Island	asc	125/250 kW
Dushanbe, Tajikistan	db	250 kW
Dhabbaya, Abu Dhabi, UAE	dha	250 kW
Yerevan, Armenia	erv	250 kW
Grigoriopol, Moldova-PMR	kch	300 kW
Talata Volonondry, Madagascar	mdc	250 kW
Moosbrun, Austria	mos	300 kW
Tinang, Philippines	pht	250 kW
Pinheira, Sao Tome	sao	100 kW
A'Seela, Oman	sla	250 kW
Kranji, Singapore	sng	100/125/250 kW
Kostinbrod, Bulgaria	sof	200/250 kW
Tashkent, Uzbekistan	tac	100 kW
Woofferton, UK	wof	250/300 kW

World Service in English

Times/UTC	Days	Language	Target	kHz
0000-0100	Daily	English	South Asia	5970-sla 7300-wof
0000-0420	Daily	English	Europe	198-dro
0100-0130	Daily	English	South Asia	5970-erv 12095-sng
0130-0200	Daily	English	South Asia	1413-sla 5970-erv 12095-sng
0200-0230	Daily	English	South Asia	1413-sla
0300-0400	Daily	English	West Asia	9440-sla 12095-sla
0400-0500	Daily	English	East Africa	9915-mdc
0400-0500	Daily	English	West Asia	1413-sla 12095-sla 13580-sla
0459-0600	Daily	English	Europe	3955-wof (DRM)
0500-0600	Daily	English	West Africa	6005-wof 7345-wof
0500-0600	Daily	English	Central Africa	9915-wof
0500-0600	Daily	English	East Africa	13580-dha
0500-0600	Daily	English	Southern Africa	9410-mdc
0600-0700	Daily	English	West Africa	6005-asc 7345-asc
0600-0700	Daily	English	Central Africa	12015-wof 13660-wof
0600-0700	Daily	English	Southern Africa	9410-sao 15400-mdc
0600-0800	Daily	English	East Africa	13580-mdc 15420-dha
0700-0800	Daily	English	West Africa	7345-asc 9410-asc 11810-asc
0700-0800	Daily	English	Central Africa	9915-asc 15260-wof
0700-0800	Daily	English	Southern Africa	15400-mdc
0759-0900	Daily	English	South Asia	15620-sng (DRM)
1000-1030	Daily	English	West Asia	1251-dsb
1000-1200	Daily	English	South-East Asia	6195-sng 9900-sng 11945-sng

Times/UTC	Days	Language	Target	kHz
1200-1300	Daily	English	East Asia	15145-sng
1200-1300	Daily	English	South Asia	12065-sla 15310-sla
1300-1400	Daily	English	South Asia	1413-sla 11890-sla 12065-sng
1430-1500	Daily	English	South Asia	1413-sla
1500-1600	Daily	English	East Africa	7445-mdc
1500-1700	Daily	English	West Asia	5950-sla
1600-1700	Daily	English	Central Africa	17830-asc
1600-1700	Daily	English	East Africa	7445-mdc
1600-1700	Daily	English	Southern Africa	15400-asc 17640-asc
1600-1800	Daily	English	South Asia	1413-sla
1700-1800	Daily	English	Central Africa	17830-asc
1700-1800	Daily	English	East Africa	7445-mdc
1700-1800	Daily	English	West Africa	15400-asc 17780-asc
1700-1800	Daily	English	West Asia	1251-dsb 6195-sla 7485-sng
1700-1900	Daily	English	Southern Africa	7265-mdc
1800-1900	Daily	English	Central Africa	11810-asc
1800-1900	Daily	English	East Africa	7445-mdc 9410-dha
1800-1900	Daily	English	West Africa	13660-wof 15400-asc
1800-1900	Daily	English	West Asia	6195-sla 7485-sng
1900-2000	Daily	English	Central Africa	11810-asc
1900-2000	Daily	English	East Africa	6155-dha 7445-mdc
1900-2000	Daily	English	Southern Africa	5935-sao 7265-mdc 9410-dha
1900-2000	Daily	English	West Africa	12095-asc 13660-wof 15400-asc
1900-2100	Daily	English	West Asia	1413-sla
2000-2100	Daily	English	Central Africa	11810-wof
2000-2100	Daily	English	West Africa	9410-wof 12095-asc
2100-2200	Mon-Fri	English	Central Africa	11810-wof
2100-2200	Mon-Fri	English	West Africa	7310-asc 9410-asc 12095-asc
2200-2300	Daily	English	East Asia	7205-sla
2200-2300	Daily	English	South-East Asia	3915-sng 3960-sng 5890-sng 5955-dha 6115-sla 6195-sng
2300-0000	Daily	English	South-East Asia	3915-sng 3960-sng 5890-sng 6195-sng 11825-pht

Amharic, Oromo and Tigrinya to the Horn of Africa

Times/UTC	Days	Language	Target	kHz
1730-1750	Mon-Fri	Amharic	Horn of Africa	9545-sla 12095-dha 17745-asc
1750-1810	Mon-Fri	Oromo	Horn of Africa	9545-sla 12095-dha 17745-asc
1810-1830	Mon-Fri	Tigrinya	Horn of Africa	9545-sla 12095-dha 17745-asc
1830-1850	Mon-Fri	Amharic	Horn of Africa	7305-sla 15490-asc
1850-1910	Mon-Fri	Oromo	Horn of Africa	7305sla 15490-asc
1910-1930	Mon-Fri	Tigrinya	Horn of Africa	7305-sla 15490-asc

Arabic to the Middle East and North Africa

Times/UTC	Days	Language	Target	kHz
0300-0400	Daily	Arabic	Middle East	720-zak
0300-0400	Daily	Arabic	North Africa	639-zak 5875-wof 9410-dha
0400-0500	Daily	Arabic	Middle East	720-zak
0400-0500	Daily	Arabic	North Africa	639-zak 9410-dha
0500-0600	Daily	Arabic	Middle East	720-zak
0500-0700	Daily	Arabic	North Africa	639-zak 12095-sla
0600-0700	Daily	Arabic	Middle East	720-zak
1500-1600	Daily	Arabic	Middle East	702-sla 720-zak
1600-1700	Daily	Arabic	Middle East	702-sla 720-zak
1700-1800	Daily	Arabic	Middle East	702-sla 720-zak
1700-1800	Daily	Arabic	North Africa	9585-dha
1800-1900	Daily	Arabic	Middle East	702-sla 720-zak
1800-2000	Daily	Arabic	North Africa	639-zak 9585-dha
1900-2000	Daily	Arabic	Middle East	702-sla 720-zak
2000-2100	Daily	Arabic	Middle East	702-sla 720-zak
2000-2100	Daily	Arabic	North Africa	639-zak 6090-dha

Bengali to South Asia

Times/UTC	Days	Language	Target	kHz
0130-0200	Daily	Bengali	South Asia	9410-tas 9890-sng 11995-sng
1330-1400	Daily	Bengali	South Asia	9510-sng 9900-tas 11750-sla

Burmese to South-East Asia

Times/UTC	Days	Language	Target	kHz
0000-0030	Daily	Burmese	South-East Asia	7465-sng 11700-sng 15310-pht
1330-1400	Daily	Burmese	South-East Asia	7485-sng 9585-sng 11995-tas

Dari and Pashto to West Asia

Times/UTC	Days	Language	Target	kHz
0030-0100	Daily	Dari	West Asia	1413-sla 5930-mos 6195-erv
0100-0130	Daily	Pashto	West Asia	5930-mos 6195-sla 7445-sla
0130-0200	Daily	Dari	West Asia	5930-mos 6195-sla 7445-sla
0200-0230	Daily	Pashto	West Asia	6195-sla 7445-sla 9880-erv
0230-0300	Daily	Dari	West Asia	6195-sla 7445-sla 9880-erv
0300-0330	Daily	Pashto	West Asia	7445-sla 9880-dha 13580-erv
0830-0900	Daily	Dari	West Asia	12065-sla(thu-mon) 12065-dha(tue/wed) 15310-sla
0900-0930	Daily	Pashto	West Asia	12065-sla(thu-mon) 12065-dha(tue/wed) 15310-sla
0930-1000	Daily	Dari	West Asia	12065-sla(thu-mon) 12065-dha(tue/wed) 15310-sla
1000-1030	Daily	Pashto	West Asia	1251-dsb(su/mo) 12065-sla(th-mo) 12065-dha(tu/we) 15310-sla
1030-1100	Daily	Dari	West Asia	12065-sla(thu-mon) 12065-dha(tue/wed) 15310-sla
1100-1130	Daily	Pashto	West Asia	12065-sla(thu-mon) 12065-dha(tue/wed) 15310-sla
1300-1330	Sat/Sun	Pashto	West Asia	1251-dsb
1400-1500	Daily	Dari	West Asia	5970-sla 7465-sng
1500-1600	Daily	Pashto	West Asia	5970-sla 7465-sng
1600-1630	Daily	Dari	West Asia	5970-sla 7465-sng
1630-1700	Mon-Fri	Pashto	West Asia	5970-sla 7465-sng
1630-1700	Sat/Sun	Dari	West Asia	5970-sla 7465-sng
1700-1800	Daily	Dari	West Asia	5875-erv 5970-sla 7465-sng
1800-1830	Daily	Pashto	West Asia	1413-sla 5875-erv 5970-sla 7465-sng
1830-1900	Daily	Pashto	West Asia	1251-dsb 1413-sla 5875-erv 5970-sla 7465-sng

French to North Africa

Times/UTC	Days	Language	Target	kHz
0600-0629	Daily	French	Central Africa	7305-asc
0600-0629	Daily	French	North Africa	9440-wof 11620-wof
0600-0629	Daily	French	West Africa	5875-asc
0700-0729	Daily	French	Central Africa	15490-wof
0700-0729	Daily	French	West Africa	9440-asc
1200-1230	Daily	French	Central Africa	17765-asc
1200-1230	Daily	French	North Africa	15490-mos
1200-1230	Daily	French	West Africa	15400-asc
1800-1830	Daily	French	Central Africa	11680-wof
1800-1830	Daily	French	Indian Ocean	9750-wof
1800-1830	Daily	French	North Africa	12005-wof
1800-1830	Daily	French	West Africa	11875-asc 15490-asc

Hausa to West Africa

Times/UTC	Days	Language	Target	kHz
0529-0600	Daily	Hausa	West Africa	9440-wof 9745-mos 15400dha
0629-0700	Daily	Hausa	West Africa	5875-asc 7305-asc 11660-wof
1100-1600	Sat	Hausa	West Africa	17780-asc
1400-1430	Mon-Fri	Hausa	West Africa	17780-asc 21490-asc 21630-dha
1600-1700	Sat	Hausa	West Africa	15685-asc
1700-1830	Sat	Hausa	West Africa	15685-wof
1930-2000	Daily	Hausa	West Africa	9545-wof 9885-asc 11660-asc
2000-2030	Fri	Hausa	West Africa	9545-wof 9885-asc 11660-asc

Hindi to South Asia

Times/UTC	Days	Language	Target	kHz
0100-0130	Daily	Hindi	South Asia	1413-sla 6070-sla 7290-dha 9410-dha 11995-sng
1400-1430	Daily	Hindi	South Asia	1413-sla 9460-sla 9510-sng 11795-sng 11995-sla

Kirundi/Kinyarwanda to the African Great Lakes Region

Times/UTC	Days	Language	Target	kHz
0500-0600	Sat	Kirundi	Great Lakes	11945-dha 15490-erv
0529-0600	Sun	Kirundi	Great Lakes	11945-dha 15490-erv
1630-1700	Mon-Fri	Kirundi	Great Lakes	9720-mdc 9820-dha

Korean to East Asia

Times/UTC	Days	Language	Target	kHz
1530-1830	Daily	Korean	East Asia	7355-sng 9615-pht 9900-db

Persian to West Asia

Times/UTC	Days	Language	Target	kHz
0230-0330	Daily	Persian	West Asia	1431-sla 5985-dha 6155-tac 7360-sof 7485-kch
0330-0400	Daily	Persian	West Asia	1251-db 1413-sla 9825-sof 11875-sla 13825-tas
0400-0430	Daily	Persian	West Asia	1251-db
0430-0530	Daily	Persian	West Asia	1413-sla 9480-dha 11875-sla 13825-tac
1500-1600	Daily	Persian	West Asia	5875-tac 6195-sla
1600-1700	Daily	Persian	West Asia	1413-sla 5875-tac 6195-sla

Somali to the Horn of Africa

Times/UTC	Days	Language	Target	kHz
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 15490-dha
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-dha
1130-1300	Sat	Somali	Horn of Africa	12015-mdc 17745-dha
1300-1330	Sat	Somali	Horn of Africa	15420-sof 17745-dha
1330-1600	Sat	Somali	Horn of Africa	15420-sof 17745-dha 21470-dha
1400-1500	Sun-Fri	Somali	Horn of Africa	12095-mdc 15420-sof 17745-dha
1600-1830	Sat	Somali	Horn of Africa	7225-dha 9660-sof
1800-1830	Daily	Somali	Horn of Africa	6180-sof 7305-erv 9720-dha

Tajik to West Asia

Times/UTC	Days	Language	Target	kHz
0200-0230	Daily	Tajik	West Asia	1251-dsb
0930-1000	Daily	Tajik	West Asia	1251-dsb
1400-1500	Daily	Tajik	West Asia	1251-dsb
1800-1830	Daily	Tajik	West Asia	1251-dsb

Urdu to West Asia

Times/UTC	Days	Language	Target	kHz
0200-0230	Daily	Urdu	West Asia	7290-dha 9410-dha 15310-sng
1500-1600	Daily	Urdu	West Asia	1413-sla 7485-sng 9410-sng 9445-dha 12095-dha

Uzbek to West Asia

Times/UTC	Days	Language	Target	kHz
1300-1330	Mon-Fri	Uzbek	West Asia	1251-dsb
1330-1400	Daily	Uzbek	West Asia	1251-dsb