

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries
subject to change without notice

LET'S LISTEN TO GUATEMALA

THE National Broadcasting Station of Guatemala consists of three short-wave transmitters, namely, TGWA (15.17 and 9.685), power 10,000 watts; TGWB (6.415), power 1,000 watts; TGWC (2.32), power 1,000 watts, and one broadcast transmitter, TGW, power 5,000 watts, which operates on 1520 kilocycles.

TGWA is, in the opinion of this writer, the most outstanding Latin short-wave station on the air—not only because it is received with tremendous signal strength and clarity but also because its programs are of an unusually high caliber.

TGWA, "The Voice of Guatemala," operates as follows: On 15.17 megs, in the 19-meter band, weekdays from 12:45 to 1:45 p.m. EST and on Sundays from 12:45 to 5:15 p.m. EST; on 9.685 megs, at the high-frequency side of the 31-meter band (just above Paris), week-nights from approximately 10:00 to 11:30 p.m. EST, and on Sunday nights from 7:00 p.m. to 12:00 mid. EST. All broadcasts are directed to North

America (beam centered on Chicago), with the exception of Sundays from 3:30 to 5:15 p.m. EST, and Wednesday, Friday and Sunday nights.

TGWA does not employ an identifying signal, but since the majority of its programs consist of marimba music and all announcements are in English as well as Spanish, it is not hard to locate on the dial. The musical theme for the station is "El Ranchito," a marimba selection. In addition to its many delightful marimba concerts (featuring some of the world's finest players), a complete opera is broadcast on Wednesdays at 10:15 p.m. EST; a Spanish play similar in style to the Lux presentation on Fridays at 10:00 p.m. EST, and a fine symphony concert called the "Exquisite Hour" on Sundays at 10:00 p.m. EST.

Reception reports are welcome at TGWA, and these should be addressed to TGWA, the National Broadcasting Station of Guatemala, Guatemala City, Guatemala.

FROM THE EUROPEAN ARENA: A program from Sweden is now being directed to North America nightly from 8 to 9 p.m. EST over stations SBU (9.535) and SBP (11.705). The identifying signal, which is repeated over and over, consists of twelve piano notes. The program opens with carillon bells followed by the opening announcements in English and Swedish and the reading of the news bulletin in English . . . England and Germany may now be heard on their mid-winter 49-meter band frequencies. GSL (6.11) London, has replaced GSD (11.75), in transmissions five and six directed to North America, daily from 6:22 to 9:15 and from 9:37 p.m. to 12:30 a.m. EST. DJC (6.02), Berlin, is now in use nightly from 9 p.m. to 1 a.m. EST. The best evening frequencies for London and Berlin at the time of writing are still GSC (9.58) and DXB (9.61) respectively.

THE NEWS IN GENERAL: VLW (6.13), the new Australian government station at Perth, West Australia, is conducting initial tests and may be heard in the East from 5:30 to approximately 7 a.m. EST . . . The mystery Montevideo, Uruguay, station on

11.825 megs has been identified as CXA14. It relays the programs of broadcast station LR6 of Buenos Aires and is being heard from as early as 5 to as late as 9:20 p.m. EST . . . John Larsen of Geneva, New York, writes that HH3W (9.78) of Port-au-Prince, Haiti, has a new sister station operating on 6.345 megs. Both stations are on the air week-nights from 7 to 9 p.m. EST and on Sundays from 5 to 8 p.m. EST . . . PSK (8.20) a new station at Rio de Janeiro, Brazil, operates simultaneously with PSH (10.22), week-nights from 5:55 to 7 p.m. EST. On Mondays, from 8 to 8:30 p.m. EST, a special program is broadcast for North American listeners . . . The announcer of a mysterious new station, heard on a frequency of 9.68 megs from 7 to 7:30 a.m. EST, by Desmond Callan of Readville, Mass., made what was believed to be the following announcement at 7:15 a.m. EST: "La Vos da Teherana, Ay-Koo-Say" (EQC). It is possible that this was the new 20,000-watt station at Teheran, Iran (formerly Persia), which was scheduled to take the air next May but may have been rushed to completion due to present unsettled situation in East.

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LET'S LISTEN TO HOLLAND

IN WELCOME contrast to the usual war-propaganda programs being ground out on production scale by the leading short-wave stations of Europe are the "Happy Programs" of Holland's famous broadcasting twins, PHI and PCJ. The regular m.c. for Holland's good-will programs is Eddie Startz, who, speaking equally well in Dutch, Malay, German, French, Spanish, Portuguese and English, often throws a combination of several languages into the same sentence with gleeful abandon. A world traveler with an inexhaustible stock of yarns, jokes and wisecracks and fortified with only a stack of phonograph records he can put on a funnier and more entertaining show than almost any of our own top-ranking and high-salaried comedians supported by their staff of stooges.

PCJ and PHI are owned and operated by the huge Philips Radio Works at Eindhoven. The studios are at Hilversum. These stations were among the very first to operate on short wave, and although still classed as experimental transmitters, they boast of some of the finest equipment in existence, including a very unique antenna system, which, suspended from two towers on wheels, can be quickly moved around on a circular track, permitting broadcast to be accurately di-

rected at will toward any point of the compass.

PCJ (20,000 watts) maintains a complicated and extensive broadcast schedule, but we are interested only in transmissions directed toward North America, which are as follows: On 15.22 megs (in the 19-meter band), Wednesday mornings from 8:50 to 10:50 a.m. EST; on 9.59 megs (in the 31-meter band just above GSC, London, in frequency), Sundays from 8:25 to 9:25 p.m. EST; Tuesdays from 8:45 to 10:15 p.m. EST; Wednesdays from 8:25 to 8:40 p.m. EST, and Fridays from 8 to 9 p.m. EST. You will hear Eddie Startz on the Tuesday, Wednesday morning, and Friday programs. PHI (17.77), once quite active, broadcasts at present on Sundays only from 6:40 to 7:40 a.m. EST, with a program for the Far East.

Prior to coming on the air, PCJ's channel may be identified by a four-tone chime signal repeated over and over. There is a peculiar hollow sound, often accompanied by an echo effect which further helps to identify the Holland stations.

Letters to PCJ, containing reception reports are often read over the air. Those reporting are also supposed to receive attractive PCJ verification cards but unfortunately these do not always arrive.

FROM THE EUROPEAN ARENA: There has been a veritable invasion of the 25-meter band by Soviet short-wave stations. Aside from RNE (12), which is being well heard from about 7 to 8 a.m. EST, there has appeared an entirely new station on 11.915. The unidentified Moscow station on 11.895 megs also carries the same program but has not been very understandable due to interference from XGOY (11.90) of China. Other Soviet stations are broadcasting irregularly on 11.81, 11.705 and 11.64 megs. RADIO GUIDE's observation post in New York reports definite jamming of LKQ (11.705), Oslo, Norway, signals by a pirate station which, waiting like a bird of prey, swoops down on the Norway channel the minute the station comes on the air at 2 a.m. EST . . . ZAA (7.85) in Tirana, Albania, is being heard in the East for a short time before its sign-off at 3:30 p.m. EST with line signals. The music sounds a lot like the Arabic selections that London uses in its program for North Africa.

THE NEWS IN GENERAL: The Winnipeg stations CJRO (6.15) and CJRX (11.72) are back on the air again and can be heard with excellent signal strength from 4 to 8:30 p.m. EST and occasionally to 1:30 a.m. EST . . . Pitcairn Island has been completely isolated from the world since last spring, when its sole means of communication, amateur transmitter VR6AY, was shipped to Panama for repairs. The British ship that was to have taken it back was ordered elsewhere on ac-

count of war demands. Letters sent by the operator, Andrew Young, when the transmitter was shipped several months ago stated that a landslide had damaged the boats at Bounty Bay; that rats were eating up the island's few crops, but that everybody was well although supplies were running low . . . Joseph Veislich of Washington, Mich., writes that CR7BE (9.64), operated by the Radio Club of Mozambique, Lourenco Marques, Mozambique, is being heard with amazing signals from 2 to 4 p.m. EST. The program commences with the beat of tom-toms. A woman announces in English . . . WBOS, Boston, Mass., now relaying CBS programs daily from 3 p.m. to 1 a.m. EST, has been granted three new channels, namely 6.14, 15.21 and 21.54, in addition to its present frequency of 9.57 megs. It will share time with WPIT, Pittsburgh, an NBC affiliate-owned also owned by the Westinghouse Company, on the three new frequencies . . . The new Perth (West Australia) station has been testing early mornings as VLW (6.13), VLW2 (9.56) or VLW3 (11.83) and has been heard with excellent strength on each of the channels . . . Desmond Callan of Readville, Mass., reports reception of another new Australian station, VLQ (9.615) at Sydney, which came on the air with a special program for North America at 7 a.m. EST, but was promptly blotted out at 7:12 a.m. EST when TIPG (9.615) of San Jose, Costa Rica, arrived on the scene.

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AUSTRALIA BROADCASTS TO THE WORLD

THE first short-wave world broadcasting service ever to be undertaken by a British Dominion has just been introduced by the Australian Broadcasting Commission. Designed to cover all parts of the world, the new service is divided into nine transmission periods each day. Special broadcasts for North America are made as follows: From 7 to 8 a.m. EST, directed towards eastern United States (talk in English at 7:30 a.m. EST), and from 10:30 to 11:30 a.m. EST, directed towards western United States (talk in English at 11 a.m. EST), over VLQ (9.615) at Sydney, East Australia. These programs are being well received throughout North America, except for occasional severe interference from TIPG (9.62), San Jose, Costa Rica, which is only five kilocycles away from the Australian station. VLQ (9.615), at the high-frequency side of the 31-meter band, is not hard to locate on the dial, as all announcements are in English and program material is similar to that used over the London stations. Australian transmissions for other parts of the world and sometimes received in the United States are as follows: From 2 to 4 a.m. EST, directed towards northern Europe, over VLQ (9.615); from 2:30 to 3:30 a.m. EST, directed towards southern Europe and northern Africa, over VLQ2 (11.87) at Sydney; from 6:30 to 7 a.m. EST, directed to-

wards South America, over VLQ (9.615); from 8:15 to 8:45 a.m. EST, directed towards India, over VLQ (9.615); from 9 to 9:30 a.m. EST, directed towards the Dutch East Indies, over VLR (9.58) at Melbourne, East Australia; from 12:30 to 1:30 p.m. EST, directed towards Africa, over VLW3 (11.83) at Perth, West Australia, and from 6:35 to 7 p.m. EST, directed towards Japan and the Philippines, over VLR3 (11.88) at Melbourne. Reports from listeners will be welcomed by the Australian Broadcasting Commission at 264 Pitt Street, Sydney, N. S. W., Australia . . . The new short-wave station at Perth, West Australia, broadcasting at present on a frequency of 9.645 megs, using the call VLW2, is being very well heard throughout North America, up to its sign-off, weekdays at 10:30 a.m. EST, Sundays at 9:30 a.m. EST. Reception reports should be sent to Chief Engineer, G. P. O., Perth, West Australia . . . The remaining Australian short-wave station, at Melbourne, broadcasts as VLR (9.58), daily from 2:30 to 9 a.m. EST and as VLR3 (11.88), from 3:30 p.m. to 2:15 a.m. EST. Other stations such as VK2ME, Sydney; VK3ME, Melbourne, and VK6ME, Perth, famous in years past, were operated under experimental licenses by Amalgamated Wireless, Ltd., of Australia, and closed down at the beginning of the war last fall.

SPECIAL BROADCAST FROM ETHIOPIA THRILLS LISTENERS: The International DX'ers Alliance special broadcast from Addis Ababa, Sunday, January 21, from 5 to 5:30 p.m. EST, over 12AA (9.65), was heard with remarkable signal strength and clarity. The program opened with chirping of birds, tolling of church bells and the playing of the Fascist anthems, which usher in all Italian broadcasts. Then followed greetings to short-wave listeners in the United States; the singing of the Ethiopian Song of Honor by a native chorus, to the accompaniment of tom-toms; an interesting talk by American journalist Duncan C. Henry; a hair-raising tribal ceremonial dance selection accompanied by wild chanting; weird native music, rising and falling in volume, punctuated by the beat of tom-toms of varying pitch, working up into one grand climax of fury, then sudden stillness; and concluded by a short talk by Mayor Boidi of Addis Ababa.

FROM THE EUROPEAN ARENA: Accord-

ing to an official announcement from London, the Finnish short-wave transmitters at Lahti have been bombed and will be out of operation for some time . . . The short-wave station at Athlone, Ireland (Eire), is now operating as follows: From 7:30 to 8:30 a.m. EST and from 9 to 10 a.m. EST on 17.84 megs, and from 12:30 to 4:30 p.m. EST and from 5 to 6 p.m. EST on 9.595 megs . . . Budapest, Hungary, station HAT4 (9.125) has a new identification signal—three bars of the melody of the Rakoczi March, played on the ancient Hungarian wind-instrument called the "tarogato" . . . Desmond Callan of Readville, Mass., tuned in anti-Nazi secret station, the "Deutscher Freiheitssender" (10.07), recently at 4:25 p.m. EST. Nazi radio engineers were doing their best to blot out the signal with a terrific barrage of bubbling interference.

NEWS IN GENERAL: The new 2,500-watt short-wave transmitter of James Richardson & Sons, Ltd., Royal Alexandra Hotel, Winnipeg, is operating as follows: Over CJRX (11.72), from 4 to 8:30 p.m. EST; over CJRO (6.15), from 8:30 p.m. to 1:30 a.m. EST.

European News in English

Daily	Morning	STATION	DIAL
EST	CITY		
6:30 a.m.	London	GSG	17.79
6:45 a.m.	Berlin	DJB	15.20
8:15 a.m.	London	GSV	17.81
8:30 a.m.	Berlin	DJB	15.20
9:15 a.m.	Berlin	DJB	15.20
10:45 a.m.	Rome	2R06	15.30
10:55 a.m.	Rome	2R06	15.30
11:00 a.m.	London	GSV	17.81
Daily Afternoon			
12:20 p.m.	Paris	TPC8	11.845
1:00 p.m.	London	GSI	15.26
1:18 p.m.	Rome	2R04	11.81
3:50 p.m.	London	GSD	11.75
4:15 p.m.	Rome	2R03	9.63
4:45 p.m.	London	GSD	11.75
		GSC	9.58
Daily Evening			
6:00 p.m.	Berlin	DXB	9.61
		DJD	11.77
6:30 p.m.	London	GSC	9.58
7:00 p.m.	Moscow	RAN	9.60
		RNE	12.00
		HAT4	9.125
7:30 p.m. (ex. Sat.)	Budapest		
7:30 p.m.	Rome	2R03	9.63
7:30 p.m.	London	GSC	9.58
		GSL	6.11
8:00 p.m.	Stockholm	SBP	11.705
		SBU	9.535
8:03 p.m.	Paris	TPC	9.52
		TPB7	11.885
8:15 p.m.	Berlin	DXB	9.61
		DJC	6.02
8:40 p.m.	Madrid	EAQ	9.86
9:45 p.m.	London	GSC	9.58
		GSL	6.11
		GSD	11.75
10:30 p.m.	Berlin	DXB	9.61
		DJC	6.02
11:00 p.m.	London	GSC	9.58
		GSL	6.11
		GSD	11.75
11:30 p.m.	Paris	TPC	9.52
12:00 mid.	Berlin	DXB	9.61
		DJC	6.02
12:30 a.m.	Paris	TPC	9.52
1:15 a.m.	London	GSB	9.51
		GSA	6.05
3:00 a.m.	London	GSB	9.51
		GSA	6.05
3:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., Feb. 24, through Fri., March 1

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
8:50 a.m.	Perth, W. Australia	War news in English: VLW2 (9.645)	
10 a.m.	Manila	"Night Hawks," variety program for English listeners: KZRH (9.635)	
10:30 a.m.	Saigon	News (English): (11.78)	
11:10 a.m.	Berlin	Variety music and talks in English for North America: DJB (15.20)	
11:52 a.m.	London	Arabic program: GSP (15.31)	
12:15 p.m.	Paris	English talk, "Life in Paris": TPC8 (11.845)	
2 p.m.	Mozambique	Symphonic, popular, folk-music and news in English from Portuguese East Africa: CR7BE (9.645) (Best near 3 to 4 p.m.)	
3 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30) 2R04 (11.81)	
5 p.m.	Athlone	Variety program from Ireland: EIRE (9.595)	
5:45 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
6:30 p.m.	Martinique	News (English): (9.705)	
6:30 p.m.	Panama	News (English): HP5A (11.70)	
7 p.m.	Budapest	Program from Hungary for North America: HAT4 (9.125)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.6) RNE (12) RV96 (6.03)	
7:30 p.m.	Nassau, St. John's, Nfld.	News relay from London: ZNS2 (6.09) VONG (5.975)	
7:30 p.m.	Rome	"American Hour," for listeners in North America: 2R03 (9.63) 2R04 (11.81)	
7:45 p.m.	Madrid	Special program for North America: EAQ (9.86)	
8 p.m.	Paris	Talks, plays, music and news for North American listeners: (9.52, 11.885)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBU (9.535) SBP (11.705)	

Special for Pacific Coast

10:30 a.m. daily	Sydney	Broadcast for Pacific Coast listeners: VLQ (9.615)
6:22 p.m. daily	London	Nightly broadcast: GSC (9.58)
12 mid. daily	Tokyo	Japanese program: JZJ (11.80)
1 a.m. daily	Szechwan, China	Variety program: XGOY (9.645)
1:30 a.m. daily	Hsinking	English program from Manchukuo: MTCY (11.775)
1:45 a.m. Monday	London	Talk, "The Empire At War": GSB (9.51)
1:45 a.m. Thursday	London	Talk, "Background to the News": GSB (9.51)

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SHORT-WAVE BROADCAST FROM MOZAMBIQUE

THE latest thrill available to North American short-wave listeners is daily reception direct from distant Mozambique, Portuguese East Africa, a strip of African coastal land west of the Union of South Africa, whose white-sand beaches are washed by the tropical waters of the Indian Ocean.

CR7BE, the new 10,000-watt short-wave station of the Radio Club of Mozambique, located at Lourenco Marques, first appeared on the air last December. It broadcasts a program directed to Europe, especially to the motherland of Portugal, daily from 2:00 to 4:00 p.m. EST, on a frequency of 9.645 megas. CR7BE is received with the greatest volume from approximately 3:00 p.m. on. Incredible as it may sound, CR7BE's signals often reach full loudspeaker strength toward the end of the program. You can easily locate CR7BE (9.645), near the high-frequency side of the 31-meter band (several channels lower in frequency than Mexican station XEQQ on 9.68). A three-tone chimes-signal similar to that used by NBC may frequently be heard over the station.

CR7BE comes on the air with the sound of singing and the beat of native tom-toms. The transmission is concluded with the playing of the Portuguese national anthem. The

program material is quite varied in nature, including classical or folk-music during the first portion of the broadcast and American or European dance or popular selections from 3:30 to 4:00 p.m. EST. Portuguese announcements are made by a man. English announcements are made by a woman, who also reads an English news bulletin at or near 3:00 p.m. EST. Letters from listeners are sometimes read by the woman announcer.

Reception of CR7BE in the United States has been so successful that a special program beamed on North America daily from 7:00 to 8:00 a.m. EST will soon be inaugurated. I doubt if this transmission will be heard here, as the hour is unfavorable and VLW2 of Perth, West Australia, occupies almost the same channel during that period. I shall be glad to hear from any of our readers who may be fortunate enough to tune in this program.

This station is also licensed to operate as CR7BF on 11.835, as CR7BG on 15.285, and CR7BI on 17.915 megas. One of the above channels will probably be used later this year.

Reception reports on programs heard over CR7BE are welcome and should be addressed to the Radio Club of Mozambique, P. O. Box 594, Portuguese East Africa.

EUROPE'S PROPAGANDA VOICES: Berlin now broadcasts to North America daily as follows: Over DJB (15.20) from 6:30 to 9 a.m. EST, from 11:10 to 11:40 a.m. EST and from 4:50 to 10:45 p.m. EST; over DJD (11.77) from 4:50 p.m. to 1 a.m. EST and over DXB (9.61) and DJC (6.02) from 7 p.m. to 1 a.m. EST. DJB is well heard mornings; DJD and DXB fair to good in early evenings, and DJC fair to good late evenings. . . . PCJ (9.59) of Huizen, Holland, is now broadcasting Tuesdays according to the following revised schedule: From 7:30 to 8:30 p.m. EST directed to South America, and from 8:45 to 9:45 p.m. EST directed to North America. . . . J. J. Kernan of Roxbury, Mass., reports reception of "Radio Bucharest" (9.234) of Bucharest, Roumania, near 7 p.m. EST. A ten-note bugle-call was used as an identifying signal.

GENERAL NOTES: Enthusiastic radiograms praising the contents and technical excellence of the first of a series of bimonthly salute programs to the Byrd Antarctic Expedition presented by NBC and short-wave station WGeo, from 11:30 p.m. to 12:30 a.m. EST, on Friday, February 2, have been received from Admiral Richard E. Byrd on his flagship, "The Bear," from the snow-cruiser at Little America, and from "The North Star," which is

en route to Valparaiso, Chile. All messages reported that reception of the broadcast was perfect. . . . A new Cuban short-wave station, COCY (9.23), is now on the air and relays broadcast-band station CMCY, owned by Autran y Carbo, Ltd., of Havana, week-days from 8 a.m. to 12 mid. EST and Sundays from 8 a.m. to 10 p.m. EST. . . . The powerful new short-wave station of the Colombian government, HJCT at Bogota, has been conducting preliminary broadcast tests on a frequency of 9.63 megas. It almost completely wrecks the evening programs from 2R03, Rome, which operates on (and has operated on) this frequency for several years—just another instance of the dog-eat-dog tactics prevalent in the field of international short-wave broadcasting these days. . . . Thirteen months of hard labor by radio operator and engineer Clarence Moore was brought to a successful conclusion on Monday evening, February 12, when Chicago missionary Clarence Jones' powerful new 10,000-watt short-wave station, HCJB at Quito, Ecuador, on top of the Andes, went on the air for initial broadcast tests. Watch for the amazing and interesting story of this mountain-top missionary station and how you can enjoy its programs in an early issue of Movie and Radio Guide.

8:30 p.m.	China	Program in English for listeners in North America: XGOX (15.20)
9 p.m.	Berlin	English talks on current topics: DXB (9.61) DJC (6.02)
10:50 p.m.	Berlin	English talks on current topics: DXB (9.61) DJC (6.02)

Saturday, February 24

For programs broadcast daily see Daily Programs (Col. 1)			
5:45 p.m.	London	Talk, "London Log": GSD (11.75)	
7 p.m.	Budapest	English news letter: HAT4 (9.125)	
8:15 p.m.	London	"In the Canteen Tonight": GSC (9.58) GSL (6.11)	
8:15 p.m.	Paris	"Paris During the War," Paul Archinard: Paris Mondial (9.52, 11.885)	

12:40 a.m.	Tokyo	English talk about current affairs: JZJ (11.80)
1 a.m.	Pittsburgh	Messages and greetings to listeners in Arctic regions: WPIT (6.14)

Sunday, February 25

For programs broadcast daily see Daily Programs (Col. 1)			
9:15 a.m.	London	"The Week's Programs": GSV (17.81)	
7:40 p.m.	Rome	Opera, "Elisir d'amore" from Royal Opera House at Rome: 2R03 (9.635)	
8:25 p.m.	Holland	Program for North American listeners: PCJ (9.59)	
8:30 p.m.	Honolulu	"Voice of Hawaii," native songs and dances of Hawaii: KQH (14.92)	
8:30 p.m.	Rome	English talk about what is happening in Rome today: 2R03 (9.635)	

Important Stations

(Megacycles or thousands of kilocycles shown)			
CJRO, Canada	6.15	RV96, "	6.03, 15.18
CJRX, "	11.72	SBP, Sweden	11.705
CR7BE, Mozambique	9.645	SBU, "	9.535
CSW7, Portugal	9.735	TGWA, Guatemala	9.685, 15.17
DJB, Germany	15.20	TG2, Guatemala	6.195
DJC, "	6.02	TPA4, Paris	11.718
DJD, "	11.77	TPB7, "	11.885
DJB, "	15.11	TPC8, "	11.845
DXB, "	9.61	TPC, "	9.52
EAQ, Spain	9.86	TLQ, Australia	9.815
EIRE, Ireland	9.595	VLQ, "	9.58
GRX, England	9.69	VLW3, "	9.645
GSA, "	6.05	WCAB, Philadelphia, Pa.	6.06, 9.59, 21.52
GSE, "	9.51	WCBX, New York City	9.58
GSC, "	11.75	21.57, 15.27, 11.83	
GSD, "	11.86	9.65, 6.17, 6.12	
GSE, "	15.14	WGEO, Schenectady, N.Y.	21.50, 15.33, 9.55
GSF, "	17.79	WGEO, Schenectady, N.Y.	9.53
GSH, "	21.47	WLWO, Cincinnati, Ohio	6.06
GSI, "	15.26	WNBI, New York City	6.100, 17.78
GSL, "	21.58	WPIT, Pittsburgh, Pa.	21.54, 15.21, 11.87, 6.14
GSO, "	6.11	WRCA, New York City	9.67, 17.78
GSP, "	15.31	WRUL, Boston, Mass.	11.79, 6.04
GSV, "	17.81	WRUW, Boston, Mass.	11.73, 15.13
HAT4, Hungary	9.125	W2XJI, N. Y. City	25.30
HBL, Switzerland	9.84	XEER, Mexico	7.38
HP5A, Panama	11.70	XEWW, "	9.50
HP5G, "	11.78	XGOX, China	15.20
HVJ, Vatican City	15.12	XGOY, "	11.90
	9.125	XPSA, "	7.01
JZJ, Japan	9.535	YUE, Yugoslavia	15.24
JZK, "	11.80	YV5RN, Venezuela	5.04
KZEL, San Francisco, Calif.	9.53, 15.33	ZR03, Italy	9.63
KHE, Hawaii	17.91	ZR04, "	11.81
KQH, Hawaii	14.92	ZR06, "	15.30
KZRH, Philippines	9.635	ZR09, "	9.67
LRX, Argentina	9.66		
MTCY, Manchukuo	11.75		
OZF, Denmark	9.52		
OZH, "	15.52		
PCJ, Holland	9.59		
RAN, U.S.S.R.	9.60		
RNE, "	12.00		

8:45 p.m.	Berlin	English talk: DXB (9.61)
9:30 p.m.	Vatican City	Catholic news and music for North American listeners: HVJ (6.19)

Monday, February 26

For programs broadcast daily see Daily Programs (Col. 1)			
5:30 p.m.	Martinique	Concert of West Indies music with English announcements: (9.705)	
8 p.m.	Rio de Janeiro	Brazilian program for North America, including typical music, travel talks and news: PSH (10.22)	
8 p.m.	London	Talk, "The Empire at War": GSC (9.58) GSL (6.11)	
8:30 p.m.	Rome	Letters from listeners in all parts of the world: 2R03 (9.63)	
8:45 p.m.	Switzerland	Program of folk and popular music, news and political talks: HBL (9.345)	
8:45 p.m.	Berlin	English talks on current war topics: DXB (9.61) DJC (6.02)	

Tuesday, February 27

For programs broadcast daily see Daily Programs (Col. 1)			
3:30 p.m. (Tues., Thurs., Sat.)	Lisbon	Program for English listeners, including music, variety and topical talks in English: CSW7 (9.74)	
5:45 p.m.	London	Talk, "In England Now": GSC (9.58) GSD (11.75)	
7:10 p.m.	Budapest	Royal Hungarian Opera House: HAT4 (9.125)	
7:40 p.m.	Rome	Rome Police Band: 2R03 (9.63)	
8 p.m.	London	Talk, "Cards on the Table": GSC (9.58) GSL (6.11)	
8:15 p.m.	London	Variety program with Tommy Handley: GSC (9.58) GSL (6.11)	
8:45 p.m.	Holland	Music, English talks and humor for American listeners: PCH (9.59)	
10:30 p.m.	Paris	"Life in Paris," Percy Noel: Paris Mondial (9.52, 11.885)	

Wednesday, February 28

For programs broadcast daily see Daily Programs (Col. 1)			
5:30 p.m.	Martinique	Concert of West Indies music with English announcements: (9.705)	
5:45 p.m.	London	Talk, "Matters of Moment": GSD (11.75) GSC (9.58) (Not for West Coast)	
8 p.m.	Rome	Merry Peasant's Orchestra: 2R03 (9.63) 2R04 (11.81)	
8:20 p.m.	Rome	English tourist notes: 2R03 (9.63) 2R04 (11.81)	
9:30 p.m.	Vatican City	Catholic news and music for North American listeners: HVJ (6.19)	

Thursday, February 29

For programs broadcast daily see Daily Programs (Col. 1)			
7 p.m.	Budapest	Vocal Ensemble: HAT4 (9.125)	
7:40 p.m.	Rome	Rossini Anniversary Concert: 2R03 (9.63)	
8 p.m.	London	Talk, "Background to the News": GSC (9.58) GSL (6.11)	

Friday, March 1

For programs broadcast daily see Daily Programs (Col. 1)			
10 a.m.	London	Talk, "In England Now": GSV (17.81)	
5:45 p.m.	London	Talk, "In England Now": GSD (11.75) GSC (9.58)	
7 p.m.	Budapest	March of the 1st Honved Infantry Regiment: HAT4 (9.125)	
7:40 p.m.	Rome	Guest and request night: 2R03 (9.63) 2R04 (11.81)	
11:30 p.m.	London	"World Affairs," Wickham Steed: GSC (9.58) GSL (6.11) GSD (11.75)	
11:30 p.m.	Schenectady	News, personal messages and greetings to members of Byrd Antarctic Expedition at Little America: WGeo (9.53)	

European News in English

Daily EST	Morning CST	CITY	STATION	DIAL
6:30 a.m.	5:30 a.m.	London	GSG	17.79
6:45 a.m.	5:45 a.m.	Berlin	DJB	15.20
7:15 a.m.	6:15 a.m.	Ankara	TAQ	15.195
8:15 a.m.	7:15 a.m.	London	GSV	17.81
8:30 a.m.	7:30 a.m.	Berlin	DJB	15.20
9:15 a.m.	8:15 a.m.	Berlin	DJB	15.20
10:45 a.m.	9:45 a.m.	Rome	2R06	15.30
11:00 a.m.	10:00 a.m.	London	GSV	17.81
11:30 a.m.	10:30 a.m.	Paris	TPC	15.13

Daily	Afternoon	STATION	DIAL	
12:20 p.m.	11:20 a.m.	Paris	TPC8	11.845
1:00 p.m.	12:00 noon	London	GSI	15.26
1:18 p.m.	12:18 p.m.	Rome	2R04	11.81
2:15 p.m.	1:15 p.m.	Ankara	TAP	9.465
3:50 p.m.	2:50 p.m.	London	GSD	11.75
4:15 p.m.	3:15 p.m.	Rome	2R03	9.63
4:45 p.m.	3:45 p.m.	London	GSD	11.75
			GSC	9.58

Daily	Evening	STATION	DIAL	
6:00 p.m.	5:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
6:30 p.m.	5:30 p.m.	London	GSC	9.58
7:00 p.m.	6:00 p.m.	Moscow	RAN	9.60
			RNE	12.00
7:30 p.m.	6:30 p.m.	Budapest	HAT4	9.125
(ex. Sat.)				
7:30 p.m.	6:30 p.m.	Rome	2R04	11.81
7:30 p.m.	6:30 p.m.	London	GSC	9.58
			GSL	6.11
8:00 p.m.	7:00 p.m.	Stock'm	SBP	11.705
			SBU	9.535
8:03 p.m.	7:03 p.m.	Paris	TPC	9.52
			TPB7	11.885
8:15 p.m.	7:15 p.m.	Berlin	DJD	11.77
			DXB	9.61
8:40 p.m.	7:40 p.m.	Madrid	EAQ	9.86
9:45 p.m.	8:45 p.m.	London	GSC	9.58
			GSL	6.11
			GSD	11.75
10:30 p.m.	9:30 p.m.	Berlin	DXB	9.61
			DJC	6.02
11:00 p.m.	10:00 p.m.	London	GSC	9.58
			GSL	6.11
			GSD	11.75
11:30 p.m.	10:30 p.m.	Paris	TPC	9.52
12:00 mid.	11:00 p.m.	Berlin	DXB	9.61
			DJC	6.02
12:30 a.m.	11:30 p.m.	Paris	TPC	9.52
1:15 a.m.	12:15 a.m.	London	GSB	9.51
			GSA	6.05
3:00 a.m.	2:00 a.m.	London	GSB	9.51
			GSA	6.05
3:00 a.m.	2:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., March 9, through Fri., March 15

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
8 a.m.	Belgrade	Jugoslav program for North America: YUG (15.24)	
8:50 a.m.	Perth, W. Australia	War news in English: VLW2 (9.645)	
9 a.m.	Szechwan, China	Program for North America: XGOY (9.64)	
10 a.m.	Manila	"Night Hawks," variety program for English listeners: KZRH (9.635)	
10:30 a.m.	Saigon	News (English): (11.78)	
11:10 a.m.	Berlin	Variety music and talks in English for North America: DJB (15.20)	
11:30 a.m.	Paris	Talk, "Life in Paris": Paris Mondial (15.13)	
1:30 p.m.	Belgium	Variety program: ORK (10.33)	
2:50 p.m.	Prague	German propaganda talk in English: DZB (10.04)	
3 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30) 2R04 (11.81)	
5:45 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
6:30 p.m.	Panama	News (English): HP5A (11.70)	
7 p.m.	Budapest	Program from Hungary for North America: HAT4 (9.125)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.6) RNE (12) RKI (15.04)	
7:30 p.m.	Rome	"American Hour," for listeners in North America: 2R03 (9.63) 2R04 (11.81)	
7:45 p.m.	Madrid	Special program for North America: EAQ (9.86)	
8 p.m.	Paris	Talks, plays, music and news for North American listeners: (9.52, 11.885)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBU (9.535) SBP (11.705)	
8:30 p.m.	Szechwan, China	Program in English for listeners in North America: XGOX (15.20)	
9 p.m.	Berlin	English talks concerning current topics: DXB (9.61) DJD (11.77)	
10 p.m.	Havana	Popular Latin music: COX4 (4.29) COX7 (6.396)	

Special for Pacific Coast

10:30 a.m. daily	Sydney	Broadcast for Pacific Coast: VLQ (9.615)
12 mid. daily	Tokyo	Japanese program for Pacific Coast: JZJ (11.80)
1:30 a.m. daily	Hsinking	English program from Manchukuo: MTCY (11.775)
1:45 a.m. Tues. & Thurs.	London	War news: GSB (9.51)
11:30 p.m. Wed.	London	Talk, "Matters of Moment": GSC (9.58) GSL (6.11)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

"HAWAII CALLS"

HIDDEN away among more spectacular program listings are two of the most delightful and entertaining half-hour broadcasts on the air, Honolulu's contribution to American network fare, namely, "Hawaii Calls," for MBS, Saturdays from 8:30 to 9:00 p.m. EST and the "Voice of Hawaii," for NBC, Sundays from 8:30 to 9:00 p.m. EST. With the opening words, "This is Hawaii, Magic Isles of the Pacific," you are whisked away to a land of tropical enchantment where the soft strumming of steel guitars blends with the sound of native voices chanting the lovely, haunting melodies of Hawaii. In the background one can just hear the gentle booming of the surf as the blue-green foam-tipped whitecaps pound onto the beach at Waikiki. Then the tempo changes. It's the hula. Swarthy and alluring maidens of the isles, their grass skirts swishing to and fro, weave and sway as this ancient ceremonial dance is executed with graceful abandon. The gaiety of vacationing mainlanders frolicking on the beach or chatting on verandas of the Royal Hawaiian is captured and radiated by the roaming announcer. And all the while, a silhouette against the horizon, romantic Diamond Head casts a tranquil shadow over the dreamy scene. "Aloha" comes all too soon as we take our leave of Hawaii.

EUROPE'S SHORT-WAVE VOICES: OLR4A (11.84), Prague, Bohemia, is still on the air and may be heard after 7 p.m. EST any evening that reception from Europe is particularly favorable. . . "Paris Mondial," Paris, France, is now broadcasting to North America daily from 11:30 a.m. to 12:30 p.m. EST on a new frequency of 15.13 megs. An interesting English program feature entitled "Today in Paris" may be heard at 11:33 a.m. EST. The English announcer that reads the program resume is Howard Claney, a former NBC announcer. . . Germany is flooding the air with new short-wave stations. DJW (9.65) is now broadcasting to Latin America from 4:45 p.m. EST on, simultaneously with DJN (9.54). DJI (7.29) signs off at 5:30 p.m. EST after radiating a propaganda talk in English. At 6:15 p.m. EST, DXM (7.27) comes on the air and puts on a similar talk in English. DXJ (7.24) is heard occasionally near 8 p.m. EST. The mysterious station on approximately 10.04 megs, which identified itself as "Radio Podobrad," now uses the call DZB, and gives the location as Prague, Germany. It operates daily from 2:30 to 3:30 p.m. EST, with a news bulletin in English at 2:50 p.m. EST. . . Desmond Callan of Readville, Mass.,

10:15 p.m.—Berlin—News (German): DXB (9.61) DJC (6.02)
10:50 p.m.—Berlin—English talks concerning current topics: DXB (9.61) DJC (6.02)

Saturday, March 9

For programs broadcast daily see Daily Programs (Col. 1)
5:45 p.m.—London—Talk, "London Log": GSD (11.75)
6:30 p.m.—Budapest—Program in remembrance of the famous old Hungarian singers: HAT4 (9.125)
8:15 p.m.—Paris—"Chats with English Listeners": Paris Mondial (9.52, 11.885)
8:15 p.m.—London—"Dispatch from the Front": GSC (9.58) GSL (6.11)
8:30 p.m.—Hawaii—"Hawaii Calls." Native music

Before the advent of short-wave radio, program pick-ups from Hawaii were impossible, but now RCA's powerful commercial transmitters at Kahuku provide facilities for bringing us these broadcasts from the isles. Hawaii unfortunately has no regular short-wave broadcasting station (the F. C. C. turned thumbs down on an application for such a station), so these commercial transmitters, whose primary function is to provide telephone links between the mainland, Hawaii and the Philippine Islands, are pressed into temporary use each week for bringing these programs to us.

To tune in Hawaii direct, try for KHE (17.97) or KQH (14.92). Occasionally, but not often, relays are made over KIO (11.68) or KKH (7.52). Short-wave reception from Hawaii is often very good and is certainly better than that afforded by a poor network outlet.

Here is one important thing for short-wave listeners to remember: Short-wave transmitters, such as these at Kahuku, Hawaii, are not broadcast stations but are engaged primarily in commercial telephone service. Our Federal laws can not prevent listeners from tuning in these stations but they do say you must not repeat anything heard over such stations. Under these conditions reception reports are not welcome and seldom are answered.

writes that the anti-Nazi "Deutscher Freiheitssender" is now being heard every afternoon from 3 to 3:30 p.m. EST on a frequency of 10.07 megs. Talks, which are entirely in German, have been giving considerable attention to the destruction of the Catholic church in Poland. Signal strength is good but the quality is extremely poor and sounds like the short-wave broadcasts one used to hear several years ago with a high noise level and a "tinny" voice. The hum of the mobile generator—which, with the outlaw transmitter, is mounted in a truck—can be distinctly heard.

GENERAL NOTES: KC4USA, amateur transmitter aboard Admiral Byrd's snow-cruiser, somewhere in Antarctica, was heard recently at 11:25 p.m. EST—not on its published frequency of 14.15 but at the high-frequency edge of the 20-meter amateur band, on 14.39 megs. . . Roger Legge of Binghamton, N. Y., has received a radiogram from the Radio Club of Mozambique to the effect that transmissions for North America are now being made daily from 7 to 8 a.m. EST over CR7BG (15.285). Signals do not become audible in North America until about 7:45 a.m. EST.

and songs from Honolulu: KHE (17.97)
9:15 p.m.—Paris—Henri Berger's all-star Parisian revue for North American listeners: (9.52, 11.885, 11.718)
11:30 p.m.—Cleveland—Latest short-wave notes and tips: WTAM (1070 kilocycles)
11:30 p.m.—London—Talk, "London Log": GSC (9.58) GSD (11.75) GSL (6.11)
12:40 a.m.—Tokyo—English talk about current affairs: JZJ (11.800)
1 a.m.—Pittsburgh—Messages and greetings to listeners in Arctic regions: WPIT (6.14)

Sunday, March 10

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—"Dispatch from the Front": GSV (17.81)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRO, Canada	6.15	RNE, U.S.S.R.	12.00
CJRX, "	11.72	RV96, "	6.03, 15.18
CR7BE, Mozambique	9.645	SBP, Sweden	11.705
	9.645	SBU, "	9.535
CSW7, Portugal	9.735	TGWA, Guatemala	9.685, 15.17
DJB, Germany	15.20		
DJO, "	6.02	TG2, Guatemala	6.195
DJD, "	11.77	TPA4, Paris	11.718
DJB, "	15.21	TPB7, "	11.885
DXB, "	9.61	TPC8, "	11.845
EAQ, Spain	9.86	TPC, "	15.13
EIRE, Ireland	9.595	VLQ, Australia	9.615
GRX, England	9.69		9.68
GSA, "	6.05	VLR, "	9.58
GSB, "	9.51	VLW3, "	9.645
GSC, "	9.58	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GSD, "	11.75		
GSE, "	11.86	WCBX, New York City	21.57, 15.27, 11.83
GSF, "	15.14		9.65, 6.17, 6.12
GSG, "	17.79		
GSH, "	21.47	WGEA, Schenectady, N. Y.	21.50, 15.33, 9.55
GSL, "	15.26		
GSJ, "	21.58	WGE0, Schenectady, N. Y.	9.53
GSO, "	15.18	WLWO, Cincinnati, Ohio	6.06
GSP, "	15.31		
GSV, "	17.81	WNBI, New York City	6.100, 17.78
HAT4, Hungary	9.125		
HBL, Switzerland	9.34	WPIT, Pittsburgh, Pa.	21.54, 15.21, 11.87, 6.14
HCB, Ecuador	12.46		
HP5A, Panama	11.70	WRCA, New York City	9.67, 17.78
HP9G, "	11.78		
HVJ, Vatican City	15.12	WRUL, Boston, Mass.	11.79, 6.04
	9.125		
JZJ, Japan	9.535	WRUW, Boston, Mass.	11.73, 15.15
JZK, "	11.80		
JZK, "	15.16	W2XJ1, N. Y. City	25.30
KEGI, San Francisco, Calif.	9.53, 15.33	XECR, Mexico	7.38
KHE, Hawaii	17.97	XEWV, "	9.50
KQH, "	14.92	XGOX, China	15.20
KZRH, Philippines	9.635	XGXY, "	9.64
		XP8A, "	7.01
LRX, Argentina	9.65	YUE, Yugoslavia	11.735
MTCY, Manchukuo	11.775	YV6RN, Venezuela	5.04
ORX, Belgium	10.33	ZR03, Italy	9.63
OZE, Denmark	9.52	ZR04, "	11.81
OZH, "	15.32	ZR06, "	15.30
PCJ, Holland	9.59, 15.22	ZR09, "	9.67
RAN, U.S.S.R.	9.60		

7:15 p.m.—Budapest—Hungarian Police Orchestra: HAT4 (9.125)
7:40 p.m.—Rome—Opera from the Royal Opera House at Rome: 2R03 (9.63) 2R04 (11.81)
8:30 p.m.—Honolulu—"Voice of Hawaii." Native songs and dances of Hawaii: KHE (17.97)
8:30 p.m.—Rome—English talk about what is happening in Rome today: 2R03 (9.63)
8:45 p.m.—Berlin—English talk: DXB (9.61)

Monday, March 11

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—"This Freedom?": GSV (17.81)
2:45 p.m.—London—Play, "The Shadow of the Swastika": GSP (15.31)
7 p.m.—Budapest—Military orchestra: HAT4 (9.125)
8 p.m.—London—Talk, "The Empire at War": GSC (9.58) GSL (6.11)
8:30 p.m.—Rome—Letters from listeners in all parts of the world: 2R03 (9.63)
8:45 p.m.—Switzerland—Program of folk and popular music; news and political talks: HBL (9.345)
8:45 p.m.—Berlin—English talks on current war topics: DXB (9.61) DJC (6.02)

Tuesday, March 12

For programs broadcast daily see Daily Programs (Col. 1)
10 a.m.—London—Talk, "In England Now": GSV (17.81)
3:30 p.m. (Tues., Thurs., Sat.)—Lisbon—Program for English listeners, including music, variety and topical talks in English: CSW7 (9.740)
5:45 p.m.—London—Talk, "In England Now": GSC (9.58) GSD (11.75)
8 p.m.—London—Talk, "Cards on the Table": GSC (9.58) GSL (6.11)
10 p.m.—London—Talk, "This Freedom?": GSC (9.58) GSD (11.75) GSL (6.11)
10:30 p.m.—Paris—"Life in Paris," Percy Noel: Paris Mondial (9.52, 11.885)
12:40 a.m.—Tokyo—English talks concerning current affairs in Japan: JZJ (11.80)

Wednesday, March 13

For programs broadcast daily see Daily Programs (Col. 1)
5:30 p.m.—Martinique—Concert of West Indies music with English announcements: (9.705)
5:45 p.m.—London—Talk "Matters of Moment": GSD (11.75) GSC (9.58)
8 p.m.—Budapest—Hungarian news letter in English: HAT4 (9.125)

Thursday, March 14

For programs broadcast daily see Daily Programs (Col. 1)
8 p.m.—London—Talk, "Background to the News": GSC (9.58) GSL (6.11)
9:30 p.m.—Vatican City—Catholic news and music for North American listeners: HVJ (6.19)

Friday, March 15

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—"World Affairs": GSV (17.81)
10 a.m.—London—Talk, "In England Now": GSV (17.81)
5:45 p.m.—London—Talk, "In England Now": GSD (11.75) GSC (9.58)
7:40 p.m.—Rome—Guest and request night: 2R03 (9.63) 2R04 (11.81)
9:45 p.m.—San Francisco—Exposition Interviews: KEGI (15.33)
11:30 p.m.—Schenectady—News, music, personal greetings and messages to members of Byrd Antarctic Expedition at "Little America": WGE0 (9.53)
11:30 p.m.—London—"World Affairs." Wickham Steed: GSC (9.58) GSD (11.75)

European News in English

Daily EST	Morning CITY	STATION	DIAL
6:30 a.m.	London	GSG	17.79
6:45 a.m.	Berlin	DJB	15.20
7:15 a.m.	Ankara	TAQ	15.195
8:15 a.m.	London	GSG	17.8
8:30 a.m.	Berlin	DJB	15.2
9:15 a.m.	Berlin	DJP	15.2
10:45 a.m.	Rome	2R04	15.30
11:30 a.m.	Paris	TPC	15.13
Daily EST	Afternoon CITY	STATION	DIAL
12:20 p.m.	Paris	TPC	11.845
1:00 p.m.	London	GSI	15.26
1:18 p.m.	Rome	2R04	11.81
2:15 p.m.	Ankara	TAP	9.465
3:30 p.m.	London	GSD	11.75
4:15 p.m.	Rome	2R03	9.63
4:45 p.m.	London	GSD	11.75
Daily EST	Evening CITY	STATION	DIAL
5:00 p.m.	Berlin	DJB	15.20
		DJD	11.77
6:30 p.m.	London	GSC	9.58
		GSD	11.75
7:00 p.m.	Moscow	RAN	9.60
		RNE	12.00
7:30 p.m.	Budapest	HAT4	9.125
7:30 p.m. (ex. Sat.)	Rome	2R04	11.81
7:30 p.m.	London	GSD	11.75
8:00 p.m.	Stockholm	SBU	9.535
8:00 p.m.	Paris	TPC	9.52
		TPB7	11.88
8:15 p.m.	Berlin	DJD	11.77
		DXB	9.61
8:40 p.m.	Madrid	EAQ	9.86
9:40 p.m.	London	GSC	9.58
		GSD	11.75
10:00 p.m.	Rome	2R03	9.63
		2R04	11.81
10:30 p.m.	Berlin	DXE	9.6
		DJD	11.77
		GSC	9.58
		GSD	11.75
11:30 p.m.	Paris	TPC	9.52
12:00 mid	Berlin	DXB	9.61
12:30 a.m.	Paris	TPC	9.52
1:15 a.m.	London	GSD	11.75
		GSD	11.75
3:00 a.m.	London	GSD	9.51
3:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., March 16, through Fri., March 22

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
9 a.m.	Szechwan, China	Program for North America: XGOY (9.64)	
10:30 a.m.	Saigon	Special program for North America, including English news: (11.78)	
11:10 a.m.	Berlin	Variety music and talks in English for North America: DJB (15.20)	
11:30 a.m.	Paris	Talk, "Life in Paris": Paris Mondial (15.13)	
1:30 p.m.	Belgium	Variety program: ORK (10.33)	
2:30 p.m.	Cairo	Arabic program from Egypt: (7.865)	
2:50 p.m.	Prague	German propaganda talk in English: DZB (10.04)	
3 p.m.	Anti-Nazi	Program from outlaw station "Freedom Sender": (10.07)	
3 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30) 2R04 (11.81)	
4:45 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
5:55 p.m.	Rio de Janeiro	Variety program from Brazil: PRF5 (11.85) PSH (10.22)	
7 p.m.	Bohemia	Czech program: OLR4A (11.84)	
7 p.m.	Budapest	Program from Hungary for North America: HAT4 (9.125)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.6) RNE (12) RKI (15.04)	
7:45 p.m.	Madrid	Special program for North America: EAQ (9.86)	
8 p.m.	Paris	Talks, plays, music and news for North American listeners: (9.52, 11.885)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBU (9.535)	
8:15 p.m.	Rome	"American Hour" for listeners in North America: 2R06 (15.3) 2R04 (11.81)	
8:30 p.m.	Szechwan, China	Music and news in English for North American listeners: XGOX (15.20)	
9 p.m.	Berlin	English talks concerning current topics: DXB (9.61) DJD (11.77)	
10:50 p.m.	Berlin	English talks concerning current events: DXB (9.61)	

Saturday, March 16

For programs broadcast daily see Daily Programs (Col. 1)
5:45 p.m.—London—Talk, "London Log": GSD (11.75)

Special for Pacific Coast

6:22 p.m. daily—London—Nightly broadcast: GSD (11.75)
12 mid. daily—Tokyo—Japanese program: JZJ (11.80)
4:00 a.m. daily—Suva, Fiji—South Sea's program: VPD2 (9.535)
1:45 a.m. Mon. thru Thurs.—London—War news: GSB (9.51) GSD (11.75)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

VISIT FRENCH INDO-CHINA VIA SHORT WAVE

BECAUSE of its location in ancient and mysterious French Indo-China, land of the blazing sun, important French possession in southeastern Asia, "Radio Saigon" remains one of the most tempting tidbits on the short-wave listener's bill of fare. "Radio Saigon," as the name indicates, is located in Saigon, "The Paris of the Far East" and one of the most important cities in the Orient. As we listen to the programs of this station, visions of Annamite dancing girls and of Angkor—vast, incredible temple ruins sprawling almost half buried in deep tropical Cambodian jungles—flit like ghostly shadows before our mind's eye.

The new 12,000-watt transmitter of "Radio Saigon" was inaugurated just a year ago. It operates in the 25-meter band on a frequency of 11.78 megas (between JZJ, Tokyo, on 11.80 and DJD, Berlin, on 11.77 megas), daily as follows: From 12:05 to 12:45 a.m. EST (seldom heard in North America); from 5:45 to 10:00 a.m. EST, directed to Australia and New Zealand (heard after sunrise with signals ranging from fair to good); from 10:30 to 11:00 a.m. EST, directed to North America and South Africa (heard in the United States with signals ranging from fair to excellent), and from 6:35 to 7:15 p.m. EST. (Intended primarily for recep-

tion in Indo-China, this transmission is often heard in North America, sometimes completely overriding HPSG, Panama City, on 11.785 megas.) All transmissions terminate with the playing of the "Marseillaise."

"Radio Saigon" broadcasts daily in French, English, Dutch, Chinese, Annamite, Tonkinese, Cambodian, Thai, Cantonese and Mandarin Chinese. Principal items in the daily programs include: News in French at 12:05, 8:00 a.m. and 6:35 p.m. EST; news in English at 6:00 and 10:30 a.m. EST (the latter a relay from Paris, France); news in Dutch at 7:30 a.m. EST; an all-Chinese program at 9:30 a.m. EST and an all-French program at 6:35 p.m. EST. On Tuesdays at 5:45 a.m. EST, an English program feature entitled "The Mail Bag," is put on. Music heard over "Radio Saigon" is quite varied in nature, ranging from Chinese and Annamite ceremonial to French chamber music. The English announcer is a lady.

"Radio Saigon's" programs are also relayed by a low-power transmitter which operates in the 49-meter band on a frequency of 6.116 megas.

Reception reports are welcome and these should be sent to "Radio Saigon," Box 412, Saigon, French Indo-China.

ANNUAL DX CONTEST: Starting on Friday, March 22, at 7:01 p.m. and lasting to Sunday, March 24, at 11:59 p.m. EST, the twelfth annual contest of the Amateur Radio Relay League—the winner to be that amateur having made the most DX contacts judged on a point basis—offers one of the best opportunities of the year for short-wave listeners to hear foreign amateur stations on the 10-meter (28 to 30 megas) or the 20-meter (14 to 14.400 megas) amateur bands. Running concurrently with the A. R. R. L. contest, the International DX'ers Alliance has organized a DX contest for short-wave listeners only, the winner to be that listener who has logged the greatest number of different countries or amateur prefixes (some countries have more than one prefix, for example, Argentina with LU1, LU2, LU3, etc.). For complete rules and list of prizes write at once to Roger Legge, 20 Beethoven St., Binghamton, New York.

EUROPE'S LONG-DISTANCE RADIO GUNS: London's transmission five to North America nightly from 6:22 to 9:15 p.m. EST is now best heard over GSD (11.75) . . . The "American Hour" from Rome, Italy, is now being radiated nightly from 8:15 to 10:10 p.m. EST, over 2R06 (15.30), 2R04 (11.81), 2R015 (11.76) and 2R03 (11.76) . . . Supplementing the extensive short-wave broadcast schedule of "Paris Mondial" of Paris, France, additional transmissions primarily for reception in Europe are now being made over commercial stations daily as follows: Over TYA2 (9.04), at 1:30 a.m., 1:30, 2:30 and 4:30

p.m. EST (news in French); and over TYB (9.57), from 12:30 to 4:00 p.m. EST (news in German, Polish, Turkish and Greek). The latter is the now identified mystery station that was mentioned in this column two or three weeks ago . . . Finland's short-wave transmitters at Lahti are definitely on the air again. OFD (9.50) has been heard from as early as 12:40 to as late as 2:30 a.m. EST, while OIE (15.19) has been heard from as early as 1:20 to as late as 4:00 p.m. EST, with news bulletins in English radiated at 1:20 and 3:45 p.m. EST. The interval signal is a series of piano notes which is repeated over and over . . . Belgrade, Yugoslavia, now broadcasts to North America over YUG (15.24) from 8 to 9 a.m. and over YUE (11.735) from 9 to 10 p.m. EST.

SHORT-WAVE HEADLINES: CR6RD (10.995), operated by the Radio Club de Benguela of Benguela, Portuguese Africa, provides a new target for DX listeners to shoot at. It is on the air daily to 4 p.m. EST . . . SUX (7.867) is the Egyptian station that is being heard daily from 12:30 to 3:30 p.m. EST. Just before sign-off the following announcement is made in English: "This is the Cairo Short-Wave Station. We have been broadcasting to you for the past three hours on 7.865 kilocycles" . . . A new Brazilian, PRF5 (11.85), located at Rio de Janeiro, is now broadcasting daily from 5:55 to 7 p.m. EST, simultaneously with PSH (10.22). Announcements in English are made at the beginning and end of each program.

8:15 p.m.—Paris—"Chats with English Listeners": Paris Mondial (9.52, 11.885)
8:15 p.m.—London—"Dispatch from the Front": GSD (11.75)
9:15 p.m.—Paris—Henri Berger's all-star Parisian revue for North American listeners: (9.52, 11.885, 11.718)
11:30 p.m.—Cleveland—Latest short-wave notes and tips: WTAM (1070 kilocycles)
1 a.m.—Pittsburgh—Messages and greetings to listeners in Arctic regions: WPIT (6.14)

Sunday, March 17

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—"Dispatch from the Front": GSV (17.81)
10:30 a.m.—London—Religious services: GSV (17.81)
3:30 p.m.—Guatemala—Band concert: TGWA (15.17)
7 p.m.—Budapest—Hungarian "taragato" recital: HAT4 (9.125)

Important Stations

(Megacycles or thousands of kilocycles shown)	STATION	FREQUENCY	TIME
CJRO, Canada		6.15	RV96, U.S.S.R.
CJRX, "		11.72	
CR7BE, Mozambique		9.645	SBU, Sweden
CSW7, Portugal		9.735	TAP, Turkey
DJB, Germany		15.20	TAQ, "
DJD, "		11.77	TGWA, Guatemala
DJL, "		15.11	
DXB, "		9.61	TG2, Guatemala
EAQ, Spain		9.86	TPA4, Paris
EIRE, Ireland		9.595	TPB7, "
GRX, England		9.69	TPC8, "
GSD, "		9.51	TPC, "
GSC, "		9.58	VLQ5, Australia
GSD, "		11.75	VLR, "
GSE, "		11.85	VLW3, "
GSE, "		15.14	WCAB, Philadelphia
GSG, "		17.79	Pa. 6 03, 9 59 15 27
GSH, "		21.47	WCBX, New York City
GSI, "		15.26	21.57, 15.27, 11 83
GSO, "		21.58	9.65, 9.17, 6.12
GSO, "		15.18	WGFA, Schenectady
GSP, "		15.31	N. Y. 21.50, 15.33, 9.55
GSV, "		17.81	WGEO, Schenectady
HAT4, Hungary		9.125	N. Y.
HBL, Switzerland		9.34	WLWO, Cincinnati
HCJB, Ecuador		12.46	Ohio
HP5A, Panama		11.70	WNBI, New York City
HP5G, "		11.78	6 100 7 74
HVJ, Vatican City		15.12	WPIT, Pittsburgh Pa.
		9.125	21.54, 15.21, 11 87, 6.14
JZJ, Japan		11.835	WRCA, New York City
JZJ, "		11.80	9.67, 17.78
JZK, "		15.16	WRUL, Boston, Mass.
KGEL, San Francisco			11.79, 6.04
Calif.		9.53, 15.33	WRUW, Boston, Mass.
KHF, Hawaii		17.97	11.73, 15.13
KQH, "		14.92	W2XJI, N. Y. City 25 30
MTCY, Manchukuo		11.775	XECR, Mexico
OFD, Finland		9.50	XEWV, "
OIE, "		15.19	XGOX, China
ORK, Belgium		10.33	XGOY, "
OZF, Denmark		9.52	XPSA, "
OZH, "		15.32	YUE, Yugoslavia
PCJ, Holland		9.69, 15.22	2R03, Italy
RAN, U.S.S.R.		9.60	2R04, "
RNE, "		12.00	2RC6, "
			2R09, "

8 p.m.—Havana—Band concert from the National Theater: COCO (8.70)
8:25 p.m.—Holland—Program for North American listeners: PCJ (9.59)
8:45 p.m.—Berlin—English talk: DXB (9.61)
9:30 p.m.—Vatican City—Catholic news and music for North American listeners: HVJ (6.19)

Monday, March 18

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—"This Freedom?": GSV (17.81)
5:30 p.m.—Martinique—Concert of West Indies music with English announcements: (9.705)
8 p.m.—Rio de Janeiro—Brazilian program for North America, including typical music, travel talks and news: PSH (10.22)
8 p.m.—London—Talk, "The Empire at War": GSD (11.75)
8:45 p.m.—Switzerland—Program of folk and popular music, news and political talks: HBL (9.345)
8:45 p.m.—Berlin—English talks on current war topics: DXB (9.61) DJD (11.77)

Tuesday, March 19

For programs broadcast daily see Daily Programs (Col. 1)
10 a.m.—London—Talk, "In England Now": GSV (17.81)
5:45 p.m.—London—Talk, "In England Now": GSD (9.58) GSD (11.75)
8 p.m.—London—Talk, "Cards on the Table": GSD (11.75)
8:45 p.m.—Holland—Music, English talks and humor for American listeners: PCJ (9.59)
10 p.m.—London—Talk, "This Freedom?": GSC (9.58) GSD (11.75)
10:30 p.m.—Paris—"Life in Paris," Percy Noel: Paris Mondial: (9.52, 11.885)
12:40 p.m.—Tokyo—English talks concerning current affairs in Japan: JZJ (11.80)

Wednesday, March 20

For programs broadcast daily see Daily Programs (Col. 1)
5:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)
7:15 p.m.—Budapest—"Combalem" recital: HAT4 (9.125)
8:20 p.m.—Rome—English tourist notes: 2R03 (9.63) 2R04 (11.81)
8:25 p.m.—Holland—Happy program for North American listeners: PCJ (9.59)
8:45 p.m.—Switzerland—Program of folk music, symphonic music, political talks and news with announcements in English for North American listeners: HBL (9.345)

Thursday, March 21

For programs broadcast daily see Daily Programs (Col. 1)
7:15 p.m.—Budapest—Opera House Orchestra: HAT4 (9.125)
8 p.m.—London—Talk, "Background to the News": GSD (11.75)
9:30 p.m.—Vatican City—Catholic news and music for North American listeners: HVJ (6.19)
11 p.m.—Guatemala—National Police Force Marimba Band: TGWA (9.685)

Friday, March 22

For programs broadcast daily see Daily Programs (Col. 1)
8:30 a.m.—London—World Affairs: GSV (17.81)
10 a.m.—London—Talk, "In England Now": GSV (17.81)
5:45 p.m.—London—Talk, "In England Now": GSD (11.75)
7 p.m.—Boston—Mailbag of listeners' letters: WRUL (6.04) WRUW (11.73)
7 p.m.—Budapest—"The Homeros Choir": HAT4 (9.125)
11:30 p.m.—London—"World Affairs," Wickham Steed: GSC (9.58) GSD (11.75)

European News in English

Daily EST	Morning CITY	STATION	DIAL
6:15 a.m.	Rome	2R08	17.82
6:30 a.m.	London	GSG	17.79
6:45 a.m.	Berlin	DJB	15.20
7:15 a.m.	Ankara	TAQ	15.195
8:15 a.m.	London	GSV	17.81
8:30 a.m.	Berlin	DJB	15.20
9:15 a.m.	Berlin	DJB	15.20
10:45 a.m.	Rome	2R06	15.30
11:00 a.m.	London	GSV	17.81
11:30 a.m.	Paris	TPB	15.13
		TPC8	11.845

Daily	Afternoon		
1:00 p.m.	London	GSI	15.26
1:20 p.m.	Finland	OIE	15.19
2:10 p.m.	Ankara	IAP	9.465
2:25 p.m.	Rome	2R04	11.81
3:30 p.m.	London	GSD	11.75
4:15 p.m.	Rome	2R03	9.63
4:45 p.m.	London	GSD	11.75

Daily	Evening		
6:00 p.m.	Berlin	DJB	15.20
		DJD	11.77
6:30 p.m.	London	GSD	11.75
7:00 p.m.	Moscow	RAN	9.60
		RNE	12.00
		RKI	7.52
7:30 p.m. (ex. Sat.)	Budapest	HAT4	9.125

7:30 p.m.	London	GSD	11.75
8:00 p.m.	Stockholm	SBU	9.535
8:03 p.m.	Paris	TPC	9.52
		TPB7	11.885
8:15 p.m.	Berlin	DJD	11.77
		DXB	9.61
8:40 p.m.	Madrid	EAQ	9.86
9:40 p.m.	London	GSC	9.58
		GSD	11.75
10:00 p.m.	Rome	2R04	11.81
10:30 p.m.	Berlin	DXB	9.61
		DJD	11.77
11:00 p.m.	London	GSC	9.58
		GSD	11.75
11:30 p.m.	Paris	TPC	9.52
12:00 mid.	Berlin	DXB	9.61
12:30 a.m.	Paris	TPC	9.52
1:15 a.m.	London	GSB	9.51
		GSD	11.75
1:35 a.m.	Rome	2R03	9.63
3:00 a.m.	London	GSB	9.51
3:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., March 23, through Fri., March 29

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
8:50 a.m.	Perth, W. Australia	War news from Australia, in English: VLW2 (9.645)	
9 a.m.	Szechwan, China	Program for North America: XGOY (9.64)	
10:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
11:10 a.m.	Berlin	Variety music and propaganda talks in English, for North America: DJB (15.20)	
11:30 a.m.	Paris	Talk, "Life in Paris": Paris Mondial (15.13, 11.845)	
12:30 p.m.	Panama	Geo. Williams' English "Radio Newspaper": HP5G (11.78)	
2 p.m.	Mozambique	Symphonic, popular, folk-music and news in English from Portuguese East Africa: CR7BE (9.645)	
2:30 p.m.	Cairo	Arabic program from Egypt: (7.865)	
2:50 p.m.	Prague	German propaganda talk in English: DZB (10.04)	
3 p.m.	Anti-Nazi	Program from outlaw station "Freedom Sender": (10.07)	
4:15 p.m.	Berlin	Lord Haw Haw: DXB (9.61)	
6:30 p.m.	Panama	News (English): HP5A (11.70)	
7 p.m.	Budapest	Program from Hungary for North America: HAT4 (9.125)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.60) RNE (12) RKI (7.52)	
7:45 p.m.	Madrid	Special program for North America: EAQ (9.86)	
8 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.885)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBU (9.535)	
8:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R06 (15.3)	
8:30 p.m.	Szechwan, China	Music and news in English for North American listeners: XGOX (15.200)	
9 p.m.	Berlin	English talks concerning current topics: DXB (9.61) DJD (11.77)	

Special for Pacific Coast

10:30 a.m. daily	Sydney, Australia	Program for Pacific Coast: VLQ5 (9.68)
6:22 p.m. daily	London	Nightly broadcast: GSD (11.75)
12 mid. daily	Tokyo	Japanese program: JZJ (11.80)
12:45 a.m. daily	Paris	Broadcast for West Coast: (9.52)
1 a.m. daily	Rome	Special program: 2R03 (9.63)
1:45 a.m. Mon., Tues., Thurs.	London	War news: GSB (9.51) GSD (11.75)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

HOW TO LISTEN TO PANAMA

FOR interesting English and Latin programs direct from Panama—the crossroads of the world—tune to HP5G (11.785), in the 25-meter band.

HP5G might be called a "one-man station," since the colorful personality of its manager, globe-trotting soldier-of-fortune George Williams, completely dominates its field of activities. An ex-British naval officer with twenty-five years' experience in radio, he was in fact the ship's operator who, in 1918, tapped out the famous message from Admiral Beatty, commander-in-chief of the British fleet, to the commander-in-chief of the German high fleet, which read, "The German flag will be hauled down today, Thursday, at 15:57, and is not to be hoisted again without permission." Despite his British origin, he is an ardent supporter of democracy and has often been heard to say, "Good will can do more to bind the Americas together—and thus keep war from our shores—than the doubling of the United States Navy, the building up of the United States Army, and even the two large oceans which divide us from the old world with its continuous wars." Mr. Williams is, however, best known for his English "Radio Newspaper," which he has been airing every weekday from 12:30 to 1 p.m. and from 6:30 to 7 p.m. EST, for the past five years. This is by far the most popular English news period in all the Latin Americas and its listeners number untold thousands, not only in Central and South America, but in the United States as well. News items for the "Radio Newspaper," gleaned from an incessant stream of radio and cable dispatches, are short, informative and pertinent. It is, in fact, not uncommon for George to scoop some of our leading news com-

mentators. The fact that short commercial plugs for the local butcher, baker and candle-stick maker are woven into the period does not seem to detract from its interest.

HP5G's (11.785) new 3,000-watt transmitter, which is on the air weekdays from 12 noon to 1 p.m. and from 6 to 10 p.m. and Sundays from 9 a.m. to 12 noon EST, is well heard throughout the United States, except for occasional interference from "Radio Saigon's" (11.78) evening program broadcast from 6:30 to 7:15 p.m. EST. HP5G can easily be located just a hair above DJD (11.77), Berlin, in frequency.

Most of HP5G's programs are sponsored by American manufacturers and in a single evening one can often hear such familiar names as Royal gelatin, Anacin, Kolynos tooth-paste, Fleischmann's yeast, Quaker Oats, Max Factor beauty preparations, Paramount Pictures and Hallicrafter receivers. The most popular studio program is the variety show put on Mondays, Wednesdays and Saturdays from 8 to 9 p.m. EST. A fine Latin band is supported by as many as thirty outstanding radio artists. Often visiting movie stars, business men or radio artists from the United States can be heard doing an unannounced bit. On Sunday mornings the English newscast takes place at 10:45 a.m. and is followed at 11 a.m. EST by the weekly lottery.

HP5G is relayed by HIOA (2.34) in the tropical short-wave band, and a new 5,000-watt transmitter now on order from the United States will soon relay the programs on the 16-meter band.

Reception reports are welcome and should be sent to George Williams, P. O. Box 34, Panama City, Panama. He answers all letters personally, often by air mail.

THE LATEST FROM EUROPE: The advent of spring has brought with it better short-wave reception from Europe. The 25-meter band is now alive with stations throughout the evening and the 19-meter band is beginning to show signs of opening up for evening reception. The 31-meter band remains an active spot, but increasing noise as the season advances will turn the attention of listeners to the higher frequencies. . . . Berlin broadcasts advance information about programs for the following week on Fridays at 5:30 p.m.; Saturdays at 8:45 p.m. and on Sundays at 4:50 p.m. EST, over DJB (15.20), DJD (11.77) or DXB (9.61) . . . Berlin's famous Oxford-accented English announcer, dubbed "Lord Haw Haw" by British journalists, broadcasts to Great Britain daily at 2:50 p.m. over DXQ (10.04) and at 4:15 p.m. EST over DXB (9.61) . . . The new 100,000-watt Allouis transmitter of "Paris Mondial" now broadcasts to North and Central America daily from 11:30 a.m. to 12:30 p.m. and from 1:15 to 4:15 p.m. EST, on a frequency of 11.845 megs, and

from 8 p.m. to 12:30 a.m. and from 12:45 to 1:45 a.m. EST on a frequency of 9.52 megs. The last-named transmission has been added especially for benefit of Pacific Coast listeners.

SHORT-WAVE HEADLINES: It won't be long now. RCA has requested a permit to communicate with KRTK, KRTC and KRTA, stations of the Byrd Expedition at Antarctica, and with KFAH, mobile station of the Fahnstock Expedition, aboard the schooner "Director." This means programs will soon be forthcoming from some of the above-named stations. Watch for them on any one of the following frequencies: 17.31, 12.862, 9.135 or 6.425 megs. . . . HCJB (12.46) at Quito, Ecuador, may be heard testing out its new 10,000-watt transmitter and four-element rotary beam on Monday nights. Watch for a feature story in Movie and Radio Guide concerning this voice from the roof of the Andes. . . . It's coming soon—a complete list of the short-wave broadcasting stations of the world by frequencies. Don't take a chance on missing it.

10 p.m. (ex. Mon.)	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)
10:50 p.m.	Berlin	English talks concerning current events: DXB (9.61)

Saturday, March 23

For programs broadcast daily see Daily Programs (Col. 1)		
5:45 p.m.	London	Talk, "London Log": GSD (11.75)
8:15 p.m.	Paris	"Chats with English Listeners": Paris Mondial (11.885, 9.52)
8:15 p.m.	London	"Dispatch from the Front": GSD (11.75)

8:40 p.m.	Rome	Fascist songs: 2R04 (11.81)
9:20 p.m.	Rome	Easter music: 2R04 (11.81)
11:30 p.m.	Cleveland	Latest short-wave notes and tips: WTAM (1070 kilocycles)
11:30 p.m.	London	Talk, "London Log": GSD (9.58) GSD (11.75)
1 a.m.	Pittsburgh	Messages and greetings to listeners in Arctic regions: WPIT (6.14)

Sunday, March 24

For programs broadcast daily see Daily Programs (Col. 1)		
8:30 a.m.	London	"Dispatch from the Front": GSV (17.81)

Important Stations

(Megacycles or thousands of kilocycles shown)			
CR7BE, Mozambique	9.645	TAP, Turkey	9.465
DJB, Germany	15.20	TAQ, "	15.195
CSW7, Portugal	9.755	TGWA, Guatemala	15.17
DJD, "	11.77	TPA4, Paris	11.718
DJB, "	15.11	TPB7, "	11.885
EAQ, Spain	9.86	TPC8, "	11.845
EIRE, Ireland	9.595	TPC, "	15.13
GRX, England	9.69	VLQ5, Australia	9.68
GSD, "	9.51	VLR, "	9.58
GSD, "	9.58	VLW3, "	9.645
GSD, "	11.75	WCAB, Philadelphia	6.06, 9.59, 15.27
GSD, "	11.83	Pa, "	6.06, 9.59, 15.27
GSD, "	15.14	WOBX, New York City	
GSD, "	17.79		21.57, 15.27, 11.83
GSH, "	21.47		9.65, 6.17, 6.12
GSI, "	15.26	WGEA, Schenectady	
GSI, "	21.58	N. Y. 21.50, 15.33, 9.55	
GSO, "	15.18	WGEO, Schenectady	
GSP, "	15.31	N. Y.	9.53
GSV, "	17.81	WLWO, Cincinnati	6.06
HAT4, Hungary	9.125	Ohio	6.06
HBL, Switzerland	9.34	WNBI, New York City	
HCB, Ecuador	12.46		6.100, 17.78
HP5A, Panama	11.70	WPIT, Pittsburgh, Pa.	
HP5G, "	11.78		21.54, 15.21, 11.87, 6.14
HVJ, Vatican City	11.80	WRCA, New York City	
JZJ, Japan	15.16		9.67, 17.78
JZK, "	11.80	WRUL, Boston, Mass.	
KGEI, San Francisco, Calif.	9.53, 15.33		11.79, 6.04
KHE, Hawaii	17.97	WRUW, Boston, Mass.	
KQH, "	14.92		11.73, 15.13
MTCY, Manchukuo	11.775	XECR, Mexico	7.98
OFD, Finland	9.50	XEWW, "	9.50
OIE, "	15.19	XGOX, China	15.20
ORK, Belgium	10.33	XGOY, "	9.64
OZF, Denmark	9.52	XPSA, "	7.01
OZH, "	15.32	YUE, Yugoslavia	11.735
PCJ, Holland	9.69, 15.22	YUG, "	15.24
RAN, U.S.S.R.	9.60	2R03, Italy	9.93
RNE, "	12.00	2R04, "	11.81
RV96, "	6.03, 15.18	2R06, "	15.30
SBU, Sweden	11.705	2R08, "	9.67
	9.535	2R015, "	11.76

- 3:30 p.m.—Rome—Advance program notices and "Listener's Corner," in English: 2R04 (11.81) 2R06 (15.30)
- 4:50 p.m.—Berlin—Advance program notes: DJB (15.20)
- 7 p.m.—Budapest—Easter songs: HAT4 (9.125)
- 8:40 p.m.—Rome—Opera, "Adriana Lecouvreur," from Royal Opera House: 2R04 (11.81)
- 8:45 p.m.—Berlin—English talk: DXB (9.61)
- 9:30 p.m.—Vatican City—Catholic news and music for North American listeners: HVJ (6.19)

Monday, March 25

- For programs broadcast daily see Daily Programs (Col. 1)
- 8:30 a.m.—London—"This Freedom?": GSV (17.81)
- 8 p.m.—London—Talk, "The Empire at War": GSD (11.75)
- 8:45 p.m.—Berlin—English talks on current war topics: DJD (11.77) DXB (9.61)
- 9:10 p.m.—Rome—2R0's Mail Bag: 2R04 (11.81)

Tuesday, March 26

- For programs broadcast daily see Daily Programs (Col. 1)
- 10 a.m.—London—Talk, "In England Now": GSV (17.81)
- 2:30 p.m. (Tues., Thurs., Sat.)—Lisbon—Program for English listeners, including music, variety and topical talks, in English: CSW7 (9.74)
- 5:45 p.m.—London—Talk, "In England Now": GSD (11.75) GSC (9.58)
- 8 p.m.—London—Talk, "Cards on the Table": GSD (11.75)
- 8:45 p.m.—Holland—Music, English talks and humor for American listeners: PCJ (9.59)
- 10 p.m.—London—Talk, "This Freedom?": GSD (11.75) GSC (9.58)
- 10:30 p.m.—Paris—"Life in Paris," Percy Noel: Paris Mondial (9.52, 11.885)
- 12:40 a.m.—Tokyo—English talks concerning current affairs in Japan: JZJ (11.80)

Wednesday, March 27

- For programs broadcast daily see Daily Programs (Col. 1)
- 5:30 p.m.—Martinique—Concert of West Indies music with English announcements: (9.705)
- 5:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)
- 8:40 p.m.—Rome—"Around Italy with Music": 2R04 (11.81)
- 8:45 p.m.—Switzerland—Program of folk-music, symphonic music, political talks and news, with announcements in English, for North American listeners: HBL (9.345)

Thursday, March 28

- For programs broadcast daily see Daily Programs (Col. 1)
- 8 p.m.—London—Talk, "Background to News": GSD (11.75)
- 8:15 p.m.—Budapest—Folk songs and Gypsy ballads: HAT4 (9.125)
- 8:40 p.m.—Rome—EIAR Concert Orchestra: 2R04 (11.81)
- 9:30 p.m.—Vatican City—Catholic news and music for North American listeners: HVJ (6.19)

Friday, March 29

- For programs broadcast daily see Daily Programs (Col. 1)
- 10 a.m.—London—Talk, "In England Now": GSV (17.81)
- 5 p.m.—Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
- 5:45 p.m.—London—Talk, "In England Now": GSD (11.75)
- 8:40 p.m.—Rome—Concert of request selections: 2R04 (11.81)
- 11:30 p.m.—London—"World Affairs," Wickham Steed: GSC (9.58) GSD (11.75)
- 11:30 p.m.—Schenectady—Music, news, personal messages and greetings for members of Byrd's Expedition in the Antarctic: WGEO (9.53)

European News in English

Daily CST	Morning CITY	STATION	DIAL
5:15 a.m.	Rome	2R06 2R08	15.30 17.82
5:30 a.m.	London	GSG	17.79
5:45 a.m.	Berlin	DJB	15.20
6:15 a.m.	Ankara	TAQ	15.195
7:15 a.m.	London	GSV	17.81
7:30 a.m.	Berlin	DJB	15.20
8:00 a.m.	Berlin	DJ0	15.28
8:15 a.m.	Berlin	DJB	15.20
9:45 a.m.	Rome	2R06	15.30
10:00 a.m.	London	GSV	17.81
10:30 a.m.	Paris	TPB TPC8	15.13 11.845

Daily	Afternoon CITY	STATION	DIAL
12:00 noon	London	GSI	15.26
12:20 p.m.	Finland	OIE	15.19
1:15 p.m.	Ankara	TAP	9.465
1:25 p.m.	Rome	2R04 2R06	11.81 15.30
2:50 p.m.	London	GSD	11.75
3:15 p.m.	Rome	2R03	9.63
3:45 p.m.	London	GSD	11.75
4:30 p.m.	Moscow	RAN	9.69
5:00 p.m.	Berlin	DJB DJD	15.20 11.77
5:30 p.m.	London	GSD	11.75

Daily	Evening CITY	STATION	DIAL
6:00 p.m.	Moscow	RAN RNE RKI	9.60 12.00 7.52
6:30 p.m.	Budapest	HAT4	9.125
6:30 p.m.	London	GSD	11.75
7:00 p.m.	Berlin	DXJ	7.24
7:00 p.m.	Stockholm	SBU	9.535
7:03 p.m.	Paris	TPC TPB7	9.52 11.885
7:15 p.m.	Berlin	DJB DXB	11.77 9.61
7:40 p.m.	Madrid	EAQ	9.86
8:45 p.m.	London	GSC GSD	9.58 11.75
9:00 p.m.	Rome	2R04 2R011	11.81 7.22
9:30 p.m.	Berlin	DXB DJD	9.61 11.77
10:00 p.m.	London	GSC GSD	9.58 11.75
10:30 p.m.	Paris	TPC	9.52
11:00 p.m.	Berlin	DXB	9.61
11:30 p.m.	Paris	TPC	9.52
12:15 a.m.	London	GSB GSD	9.51 11.75
12:35 a.m.	Rome	2R03	9.63
2:00 a.m.	London	GSB	9.51
2:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., March 30, through Fri., April 5

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
7 a.m.	Belgrade	Jugoslav program for North America: YUG (15.24)	
7:50 a.m.	Perth, W. Australia	War news from Australia, in English: VLW2 (9.645)	
8 a.m.	Szechwan, China	Program for North American listeners: XGOY (9.64)	
9:30 a.m.	Paris	Broadcast for West Coast listeners: Paris Mondial (11.845, 15.13)	
9:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
10:10 a.m.	Berlin	Variety music and propaganda talks in English, for North America: DJB (15.20)	
10:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": (11.845, 15.13)	
11:30 a.m.	Panama City	Geo. Williams' English "Radio Newspaper": HP5G (11.78)	
1 p.m.	Mozambique	Symphonic, popular and folk music and news in English from Portuguese East Africa: CR7BE (9.645)	
1:30 p.m.	Cairo	Arabic program from Egypt: (7.865)	
1:50 p.m.	Prague	Lord Haw Haw's propaganda talk in English: DZB (10.04)	
2 p.m.	Anti-Nazi	Program from outland station "Freedom Sender": (10.07)	
3:15 p.m.	Berlin	Lord Haw Haw's propaganda talk (English): DXB (9.61)	
5:05 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
6 p.m.	Budapest	Program from Hungary for North America: HAT4 (9.125)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.60) RNE (12) RKI (7.52)	
6:45 p.m.	Madrid	Special program for North America: EAQ (9.86)	

Special for Pacific Coast

9:30 a.m. daily	Sydney, Australia	Special program: VLQ5 (9.68)
5:22 p.m. daily	London	Nightly broadcast: GSD (11.75)
11 p.m. daily	Tokyo	Japanese program: JZJ (11.80)
12 mid. daily	Rome	Special program: 2R03 (9.63)
12:45 a.m. Mon., Tues., Thurs.	London	Talks and News: GSD (11.75) GSB (9.51)
10:30 p.m. Wed.	London	Matters of Moment: GSD (11.75) GSC (9.58)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

HOW TO LISTEN TO LISBON, PORTUGAL

HISTORIC and picturesque Lisbon, Portugal, famous in past centuries as one of the world's busiest shipping-centers, is now widely known as the eastern terminus of Pan-American's trans-Atlantic air-mail service to warring Europe.

Government-operated short-wave station "Emissora Nacional" is also located at Lisbon. Broadcasting with a power of 20,000 watts, this station is well heard in North America almost the year 'round. In consistent signal strength its programs can be classed with those furnished by London, Rome and Berlin. It is not as well known to American listeners as these other broadcasters, chiefly because English announcements or talks are seldom made, even in the North American transmission—a great mistake and one which costs "Emissora Nacional" a great deal of popularity.

"Emissora Nacional" operates according to the following schedule: Over CSW3 (11.04), week-days from 10 a.m. to 1 p.m. and on Sundays from 10 a.m. to 2:45 p.m. CST, directed to Mozambique, Angola, Guinea and St. Thomas (this transmission is heard irregularly in North America, being best on Sundays from approximately 1:45 to 2:45 p.m. CST); over CSW7 (9.74), week-days from 1:15 to 2 p.m. CST, directed to Europe, in German and Italian, on Mondays, Wednesdays and Fridays, and in English and French on Tuesdays, Thursdays and Saturdays (this latter period, organized by the commission for radio propaganda in connection with this year's celebration of the eighth century of Portugal's

existence as a nation and which includes an interesting talk in English at 1:35 p.m. CST—the only English transmission scheduled over the station—is fairly well heard in eastern North America); over CSW7 (9.74), week-days from 2:15 to 5 p.m. and on Sundays from 3 to 5 p.m. CST, directed to Cape Verde, Madeira and Azores Islands, Brazil and South America (the latter part of this transmission is well heard in eastern North America); over CSW7 (9.74), daily from 5:05 to 7 p.m. CST, directed to North America (very well heard in North America).

The program for this country, which opens and closes with the Portuguese national anthem, as do all transmissions, features symphonic and chamber-music, but also has some fine popular music from time to time; for example, the sprightly variety show which is presented on Fridays at 5:10 p.m. CST. The half-hour of "Saudade," a broadcast especially dedicated to Portuguese residents in the United States, is broadcast on Fridays at 6:15 p.m. CST. All announcements and station identifications are made by a woman announcer with a very pleasing voice. To aid in identifying CSW7 (9.74)—a little higher in frequency than the 31-meter band—listen for the soft-toned clock which may be heard chiming the hour at 6 and 7 p.m. CST (1 and 2 a.m. Lisbon daylight-saving time).

Reception reports are welcome and should be addressed to Short Wave "Emissora Nacional" CSW, Lisbon, Portugal. When writing be sure to request more English features be included in the North American broadcast

EUROPE'S LONG-RANGE RADIO GUNS: Gustave Magnuson of Providence, Rhode Island, informs me that "Radio EIRE," the 1,500-watt Irish short-wave station at Athlone, is now operating daily from 6:30 to 7:30, from 8 to 9 a.m., from 11:30 a.m. to 3:30 p.m. and from 4 to 5 p.m. CST, on a frequency of 9.595 mcs. Reports should be sent to the Engineer-in-Chief, Dept. of Posts and Telegraphs, The Castle, Dublin, Ireland. . . . Variety programs are gradually finding their way back into the schedules from London. "In Town Tonight," a favorite for several years, has returned to the air and may be heard Sundays from 9 to 9:30 a.m. over GSV (17.81) and from 9:15 to 9:45 p.m. CST over GSD (11.75) or GSC (9.58) . . . The new 41-meter short-wave broadcast band is becoming increasingly active. 2R011 (7.22), Rome, carries the "American Hour" nightly from 7:15 to 9:10 p.m. CST; DXJ (7.24), Berlin, broadcasts a German and English news period nightly from 7 to 7:30 p.m. CST, and GSW (7.24), London, operates intermittently throughout the day and evening. This short-wave band is really a part of the international amateur band which includes the frequencies from 7.00 to 7.30 mcs. Amateurs resent this intrusion into their channels and I quite agree with them . . .

Advance program announcements concerning programs to be heard over the Paris short-wave station for the following week may be heard on Thursdays at 7:20 p.m. CST over Paris Mondial (9.52, 11.885, 11.718) . . . The following Moscow stations operate irregularly: RWG (14.72), RIG (11.9), RIA (11.705), RV96 (11.685), RKE (11.63) . . . YUE (11.735), Belgrade, Jugoslavia, is still being heard with remarkably strong signals on its program for North America nightly from 8 to 9 p.m. CST. This is another station which would be much more popular with American listeners if English features were included in its programs.

SHORT-WAVE FLASHES: Broadcasts over the new 10,000-watt transmitter of HCJB (12.46), Quito, Ecuador, were initiated March 17. Official inaugural program was broadcast on Sunday, March 24 . . . HJCT (9.63), Emissora Nacional at Bogota, Colombia, is being received throughout the United States with remarkably strong signals. A feature story about this new station will appear in an early issue of Movie and Radio Guide . . . Coming in an early issue of Movie and Radio Guide, a complete list of short-wave broadcasting stations of the world by frequencies.

7 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.885)
7:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R011 (7.22)
7:15 p.m.	Winnipeg	Programs of the Canadian Broadcasting Commission: CJRO (6.15)
7:30 p.m.	Szechwan, China	Music and news in English for North American listeners: XGOX (15.20)
8 p.m.	Berlin	English talks concerning current topics: DXB (9.61) DJD (11.77)
8:50 p.m.	Rome	Request concert: 2R04 (11.81) 2R011 (7.22)

9:50 p.m.—Berlin—English talks concerning current events: DXB (9.61)

Saturday, March 30

Time	City	Program	Station
10:30 a.m.	Paris	Talk by tennis champ, Rene Coche: Paris Mondial (11.845, 15.13)	
4:45 p.m.	London	Talk, "London Log": GSD (11.75)	
7:15 p.m.	London	"Dispatch from the Front": GSD (11.75)	
10:30 p.m.	Cleveland	latest short-wave notes and tips: WTAM (1070 kilocycles)	

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRO, Canada	6.15	TAQ, Turkey	15.195
CR7BE, Mozambique	9.645	TGWA, Guatemala	9.685, 15.17
CSW7, Portugal	9.785	TG2, Guatemala	6.195
DJB, Germany	15.20	TPA4, Paris	11.718
DJD, "	11.77	TPB7, "	11.885
DJL, "	15.11	TPCS, "	11.845
DXB, "	9.61	TPC, France	9.52
EAQ, Spain	9.86	VLQ5, Australia	9.68
GRX, England	9.69	VLR, "	9.58
GSD, "	9.51	VLW3, "	9.645
GSC, "	9.58	WCAB, Philadelphia	9.58
GSD, "	11.75	Pa. 5.06, 9.59, 18.87	
GSE, "	15.18	WCBX, New York City	
GSG, "	17.79	21.57, 15.27, 11.51	
GSH, "	21.47	9.65, 9.17, 6.12	
GSI, "	15.28	WDJM, Miami, Fla.	6.04
GSI, "	21.58	WGEA, Schenectady	
GSO, "	15.18	N. Y. 21.50, 15.33, 9.58	
GSP, "	15.31	WGEO, Schenectady	
GSV, "	17.81	N. Y.	9.53
HAT4, Hungary	9.125	WLWO, Cincinnati	6.06
HBL, Switzerland	9.34	Ohio	
HCJB, Ecuador	12.46	WNBI, New York City	8.100, 17.74
HP5A, Panama	11.70	WPIT, Pittsburgh, Pa.	11.885
HP5G, "	11.78	21.54, 15.21, 11.87, 6.14	
HVJ, Vatican City	11.80	WROA, New York City	9.67, 17.74
JZJ, Japan	15.16		
KGEI, San Francisco, Calif.	9.43, 15.33	WRUL, Boston, Mass.	11.79, 6.04
KHE, Hawaii	17.97	WRUW, Boston, Mass.	11.73, 15.13
MTCY, Manchukuo	11.78		
OFD, Finland	9.50	XECR, Mexico	7.38
OIE, "	15.19	XEWV, "	9.50
ORK, Belgium	10.33	XGOX, China	15.20
OZF, Denmark	8.62	XGOY, "	9.64
OZH, "	15.32	YUE, Jugoslavia	11.735
PCJ, Holland	9.59	YUG	15.24
RAN, U.S.S.R.	9.60	2R03, Italy	9.63
RKE, "	12.00	2R04, "	11.81
RV96, "	6.03, 15.15	2R06, "	15.30
SBP, Sweden	11.705	2R09, "	9.87
SBU, "	9.535	2R011, "	7.22
TAP, Turkey	9.465	2R015, "	11.76

10:30 p.m.—London—Talk, "London Log": GSD (9.58) GSD (11.75)

12 mid.—Pittsburgh—Messages and greetings to listeners in Arctic regions: WPIT (6.14)

Sunday, March 31

For programs broadcast daily see Daily Programs (Col. 1)

5 a.m.	Moscow	News (English): RNE (12)
7:30 a.m.	London	"Dispatch from the Front": GSV (17.81)
2:30 p.m.	Rome	Advance program notices, and "Listener's Corner," in English: 2R04 (11.81) 2R06 (15.30)
3:50 p.m.	Berlin	Advance program notices: DJB (15.20) DJD (11.77)
7:30 p.m.	Tokyo	English talk, "Spring Flowers in Japan": JZK (15.16)
7:40 p.m.	Rome	Opera, "L'elisir d'Amore," from Royal Opera House, 2R04 (11.81)
7:45 p.m.	Berlin	English talk: DXB (9.61)
8:10 p.m.	Rome	English talk on current happenings in Rome: 2R04 (11.81)
9:15 p.m.	London	Variety show, "In Town Tonight": GSD (11.75)

Monday, April 1

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.	London	"This Freedom?": GSV (17.81)
7 p.m.	London	Talk, "The Empire at War": GSD (11.75)
7:15 p.m.	London	Serial "Crooks Tour": GSD (11.75)
7:45 p.m.	Berlin	English talks on current war topics: DJD (11.77) DXB (9.61)

Tuesday, April 2

For programs broadcast daily see Daily Programs (Col. 1)

9 a.m.	London	Talk "In England Now": GSV (17.81)
4:45 p.m.	London	Talk, "In England Now": GSD (11.75) GSC (9.58)
7 p.m.	London	Talk, "Cards on the Table": GSC (11.75)
9:30 p.m.	Paris	"Life in Paris," Percy Noel: Paris Mondial (9.52, 11.885)
11:40 p.m.	Tokyo	English talks concerning current events in Japan: JZJ (11.80)

Wednesday, April 3

For programs broadcast daily see Daily Programs (Col. 1)

4:45 p.m.	London	Talk, "Matters of Moment": GSD (11.75)
7:45 p.m.	Switzerland	Program of folk-music, symphonic music, political talks and news, with announcements in English, for North American listeners: HBL (9.345)
8:10 p.m.	Rome	Tourist notes in English: 2R04 (11.81)
9:15 p.m.	Guatemala	Latin Opera TGWA (9.685)

Thursday, April 4

For programs broadcast daily see Daily Programs (Col. 1)

7 p.m.	London	Talk, "Background to the News": GSD (11.75)
7:20 p.m.	Paris	"Chats with Our Listeners": Paris Mondial (9.52, 11.885, 11.718)
8:30 p.m.	Vatican City	Catholic news and music for North American listeners: HVJ (6.15)
11 p.m.	Paris	Interviews with famous people: Paris Mondial (9.52)

Friday, April 5

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.	London	"World Affairs": GSV (17.81)
9 a.m.	London	Talk "In England Now": GSV (17.81)
4:45 p.m.	London	Talk "In England Now": GSD (11.75)
5:10 p.m.	Lisbon	Variety hour: CSW7 (9.74)
10:30 p.m.	London	"World Affairs," Wickham Steed: GSC (9.58) GSD (11.75)

European News in English

Daily EST	Morning CITY	STATION	DIAL
6:15 a.m.	Rome	2R06	15.30
		2R08	17.82
6:30 a.m.	London	GSD	17.79
6:45 a.m.	Berlin	DJB	15.20
7:15 a.m.	Ankara	TAQ	15.195
8:15 a.m.	London	GSV	17.81
8:15 a.m.	Berlin	DJB	15.20
		DXT	15.23
9:00 a.m.	Berlin	DJO	15.28
10:40 a.m.	Rome	2R06	15.30
11:00 a.m.	London	GSV	17.81
11:30 a.m.	Paris	TPB	15.13
		TPC8	11.845

Daily EST	Afternoon CITY	STATION	DIAL
1:00 p.m.	London	GS1	15.26
1:20 p.m.	Finland	OIE	15.19
2:15 p.m.	Ankara	TAP	9.465
2:25 p.m.	Rome	2R04	11.81
		2R06	15.30
3:50 p.m.	London	GSD	11.75
4:15 p.m.	Rome	2R03	9.63
4:45 p.m.	London	GSD	11.75
5:30 p.m.	Moscow	RAN	9.69

Daily EST	Evening CITY	STATION	DIAL
6:00 p.m.	Berlin	DJB	15.20
		DJD	11.77
6:50 p.m.	Budapest	HAT5	9.625
7:30 p.m.	London	GSD	11.75
8:00 p.m.	Moscow	RAN	9.60
		RKI	7.52
8:00 p.m.	Berlin	DXJ	7.24
8:00 p.m.	Stockholm	SBP	11.705
		SBT	15.155
		TPC	9.52
		TPB7	11.885
8:15 p.m.	Berlin	DJD	11.77
		DXB	9.61
8:40 p.m.	Madrid	EAQ	9.86
9:40 p.m.	London	GSC	9.58
		GSD	11.75
10:00 p.m.	Rome	2R04	11.81
		2R011	7.22
10:30 p.m.	Berlin	DXB	9.61
		DJD	11.77
11:00 p.m.	London	GSC	9.58
		GSD	11.75
11:30 p.m.	Paris	TPC	9.52
12:00 mid.	Berlin	DXB	9.61
12:30 a.m.	Paris	TPC	9.52
1:15 a.m.	London	GSB	9.51
		GSD	11.75
1:35 a.m.	Rome	2R03	9.63
3:00 a.m.	Moscow	RV96	15.18

Daily Programs, Sat., April 20, through Fri., April 26

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
8 a.m.	Belgrade	Jugoslav program for North America: YUG (15.24)	
8:50 a.m.	Perth, W. Australia	War news from Australia, in English: VLW2 (9.645)	
10:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
11:10 a.m.	Berlin	Variety music and propaganda talks in English, for North America: DJB (15.2)	
11:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": (11.845, 15.13)	
12:45 p.m.	Guatemala	Popular marimba music for North American listeners: TGWA (15.17)	
2 p.m.	Mozambique	Symphonic, popular, folk-music and news in English from Portuguese East Africa: CR7BE (9.645)	
2:50 p.m.	Prague	Lord Haw Haw's propaganda talk in English: DZB (10.04)	
3 p.m.	Rome	Evening concert with English announcements: 2R06 (15.3) 2R04 (11.81)	
4:15 p.m.	Berlin	Lord Haw Haw's propaganda talk (English): DXB (9.61) DXM (7.27)	
5 p.m.	Athlone, Ireland	Variety program: EIRE (9.595)	
5 p.m.	Berlin	Propaganda talk in English: DJI (7.29)	
5:55 p.m.	Rio de Janeiro	Variety program from Brazil: PRF5 (11.855) PSH (10.22)	
6 p.m. (ex. Mon.)	Quito, Ecuador	English program, "Ecuador Echo": HCJB (12.46)	
6:05 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
6:15 p.m.	Berlin	Propaganda talk in English: DXM (7.27)	
6:30 p.m.	Martinique	News (English): (9.705)	
6:30 p.m.	Panama	News (English): HP5A (11.70)	
6:35 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT5 (9.625)	

Special for Pacific Coast

10:30 a.m. daily	Sydney, Australia	Special broadcast: 11 a.m., News: VLQ (9.68)
10:30 a.m. daily	Paris	Special broadcast: Paris Mondial (11.845, 15.13)
12:40 a.m. daily	Tokyo	English talk on current events: JZJ (11.80)
12:45 a.m. daily	Paris	Variety program: Paris Mondial (9.52)
10 a.m. Sun.	London	Variety show, "In Town Tonight": GSV (17.81)
1:45 a.m. Mon., Tues., Thurs.	London	Talks and news of the war: GSD (11.75)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

"THE VOICE OF THE ANDES"

TO THOSE listeners tired of the eternal babble of Europe's short-wave voices of hate and war: Turn your dials to HCJB (12.46), "The Voice of the Andes," at Quito, Ecuador. Here, at an elevation of 10,000 feet, encircled by eleven snow-capped peaks of the mighty Andes, nestles the oldest city of the New World, one of the ancient capitals of the Incas steeped in fifteen hundred years of traditions; a city whose many white churches shelter staggering treasures in gold and precious stones; a city with winding cobbled streets, overhanging balconies, ancient archways, sunlit plazas and countless white-stone houses perched crazily on steep hillsides, their red-tile roofs, with green moss cropping out here and there in the cracks, forming vivid splotches of color against the snowy mantle of the guardian peaks.

Such a historic and picturesque setting seems indeed a fitting site for a missionary radio station whose messages are those of peace and good-will. This new 10,000-watt modern short-wave transmitter—the most powerful in South America and the only broadcast station to employ a fully rotatable antenna—stands as a tribute to the sacrificing labors of one man—Clarence Jones, a gospel missionary from Chicago, whose lifework is to minister to and teach the Andean Indians. Because of the rugged contours of Ecuador, making transportation exceedingly difficult, Reverend Jones recognized long ago the vital value of radio in carrying on his work and subsequently installed several small short-wave stations at Quito, including the former 1,000-watt transmitter of HCJB and a mobile broadcasting station which carries this active pastor's voice to the most remote jungle and mountain tribes. The new station—a labor of love paid for by voluntary subscriptions from his loyal friends—was built by an American amateur, Clarence Moore, who is well known to hundreds of amateur friends under his call, HC1JB. The

new "Voice of the Andes" was officially inaugurated on Sunday, March 24.

On the dial, HCJB (12.46) comes in above the 25-meter band and approximately half-way between the 12 and 13 megacycles figures in frequency. You will have no trouble in hearing HCJB, since its unique location and rotatable aerial make it possible for it to project strong signals into North America.

HCJB is on the air for several hours daily with Spanish programs for the benefit of listeners in the Latin Americas, but English listeners will be primarily interested in "Ecuadorean Echoes," on from 6:00 to 7:00 p.m., and the "Friendship Hour," broadcast nightly except Mondays from 9:00 to 10:00 p.m. EST. These all-English programs are directed specifically to North America. "Ecuadorean Echoes," one of the most interesting programs on the air, breathes the very soul of Latin America. During this period the native music, the literature and the very lives and habits of these romantic peoples come to life and parade before the microphone. "The Friendship Hour" is a strictly good-will program consisting of classical music, old-time hymns, simple gospel messages, the reading of letters from ml listeners and personal messages to friends everywhere.

★ ★ ★

FLASH! Short-wave frequencies for Scandinavian war news. With the war in Europe now raging in Norway and Denmark and threatening to spread to Sweden at any moment, listeners will want to watch the following frequencies for news direct from the Scandinavian short-wave stations: Copenhagen, Denmark, over OZU (7.26), OZF (9.52), OZH (15.32). Oslo, Norway, over LLH (9.645), LKQ (11.735), LKV (15.17). Motala, Sweden, over LBU (9.535), SBP (11.705), SBT (15.155). Bear in mind, however, that the Nazis may be—and according to reports already are—occupying the short-wave stations at Copenhagen and Oslo.

FROM THE EUROPEAN ARENA: Why the Nazis gained power and what Naziism has meant to Germany are the subjects being discussed in a new series of weekly talks being broadcast from London, on Tuesdays, at 10 p.m. EST, over GSD (11.75) . . . News bulletins in English from London, intended for reception in Europe and which often contain items not included in bulletins directed to North America, may be heard over GRX (9.69), daily at 5, 6:30 p.m. and 1:15 a.m. EST . . . 2R020 (17.77), a new Rome frequency, is now on the air daily from 9 a.m. to

12:30 p.m. EST . . . According to Robert Skyten of East Brookfield, Mass., LYR (9.29), located at Kaunas, Lithuania, was heard recently from 3:30 to 4:10 p.m. EST. This station is seldom heard in the United States . . . The following is a complete list of the various Moscow frequencies which are used more or less regularly for broadcast of the Soviet programs: RNE (12.00), RV96 (6.03, 9.52, 9.685, 15.18, 15.41), RAN (9.6), RKI (7.52, 15.04, 15.08), RIF (11.9), RIA (11.705), RWG (14.72) and RIC (11.64). RV96 is supposed to have a power of 100,000 watts.

7 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.60) RNE (12.00) RKI (7.52)
8 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.885)
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155) SBP (11.705)
8:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R011 (7.22)

9 p.m. (ex. Mon.)	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)
9 p.m.	Berlin	English talk concerning current topics: DXB (9.61) DJD (11.77)
10:50 p.m.	Berlin	English talk concerning current events: DXB (9.61)

Saturday, April 20

For programs broadcast daily see Daily Programs (Col. 1)
5:45 p.m.—London—Talk, "London Log": GSD (11.75)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRO, Canada	6.15	TAQ, Turkey	15.195
CR7BE, Mozambique	9.645	TGWA, Guatemala	15.17
			9.685, 6.195
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TPA4, Paris	11.718
DJD, "	11.77	TPB7, "	11.885
DJL, "	15.11	TPC8, "	11.845
DXB, "	9.61	TPB, France	15.13
EAQ, Spain	9.86	TPC, "	9.52
GRX, England	9.69	VLQ, 5, Australia	9.68
GSB, "	9.51	VLR, "	9.58
GSC, "	9.58	VLW3, "	9.645
GSD, "	11.75	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GSE, "	15.14	Pa.	6.06, 9.59, 15.27
GSF, "	17.79	WCBX, New York City	21.57, 15.27, 11.83
GSH, "	21.47		9.65, 8.17, 6.12
GSI, "	15.26		
GSJ, "	21.58	WDJM, Miami, Fla.	6.04
GSO, "	15.18	WGEA, Schenectady	
GSP, "	15.31	N. Y. 21.50, 15.35, 9.55	
GSV, "	17.81	WGEO, Schenectady, N. Y.	9.53
HAT5, Hungary	9.625	N. Y.	
HLB, Switzerland	9.34	WLWO, Cincinnati, Ohio	6.06
HCJB, Ecuador	12.46		
HP5A, Panama	11.70	WNBI, New York City	6.100, 17.78
HP5G, "	11.78		
HVJ, Vatican City	9.66	WPIT, Pittsburgh, Pa.	21.54, 15.21, 11.87, 6.14
JZJ, Japan	11.80	WRCA, N. Y. City	9.67
JZK, "	15.16		
KGEI, San Francisco, Calif.	9.53, 15.33	WRUL-WRUW, Boston, Mass.	15.25, 15.13, 11.79, 11.73, 6.04
KHE, Hawaii	17.97		
MPCY, Manchukuo	11.78	XEGR, Mexico	7.38
OIE, Finland	15.19	XEWV, "	9.50
ORK, Belgium	10.33	XGOY, China	15.19
OZF, Denmark	9.52	XGOY, "	9.64
OZH, "	15.32	YUE, Yugoslavia	11.735
PCJ, Holland	9.59, 15.22	YUG, "	15.24
RAN, U.S.S.R.	9.60	2R03, Italy	9.63
RKI, "	7.52	2R04, "	11.81
RNE, "	12.00	2R06, "	15.30
RV96, "	6.03, 15.18	2R09, "	9.67
SBP, Sweden	11.705	2R011, "	7.22
SBT, "	15.155	2R015, "	11.76
TAP, Turkey	9.465		

8:15 p.m.—London	"Dispatch from the Front": GSD (11.75)
9:15 p.m.—Rome	English talk, "Roman Landmarks": 2R04 (11.81) 2R011 (7.22)
9:30 p.m.—Berlin	Cabaret with Charlie, Fritz and Fred: DXB (9.61)
10:15 p.m.—London	"In Town Tonight": GSD (11.75) GSC (9.58)
11:30 p.m.—London	Talk, "London Log": GSC (9.58) GSD (11.75)

Sunday, April 21

For programs broadcast daily see Daily Programs (Col. 1)

8:30 a.m.—London	"Dispatch from the Front": GSV (17.81)
10:45 a.m.—London	News (English): HP5G (11.78)
5:10 p.m.—London	"The Week's Programs": GSD (11.75) GSF (15.14)
8:45 p.m.—Berlin	English talk: DXB (9.61)
9:15 p.m.—Rome	English talk about current happenings in Rome: 2R04 (11.81)

Monday, April 22

For programs broadcast daily see Daily Programs (Col. 1)

8:30 a.m.—London	Talk, "Under Nazi Rule": GSV (17.81)
8 p.m.—London	Talk, "The Empire at War": GSD (11.75)
8:45 p.m.—Berlin	English talks on current war topics: DJD (11.77) DXB (9.61)
9:50 p.m.—Rome	2R0's Mail Bag: 2R04 (11.81)

Tuesday, April 23

For programs broadcast daily see Daily Programs (Col. 1)

10 a.m.—London	Talk, "In England Now": GSV (17.81)
5:45 p.m.—London	Talk, "In England Now": GSD (11.75) GSC (9.58)
6:15 p.m. (Tues., Thurs., Sat.)	Quito, Ecuador—"Armchair Travelers Club": HCJB (12.46)
8 p.m.—London	Talk, "Cards on the Table": GSD (11.75) GSC (9.58)
10 p.m.—London	Talk, "Under Nazi Rule": GSD (11.75) GSC (9.58)

Wednesday, April 24

For programs broadcast daily see Daily Programs (Col. 1)

5:45 p.m.—London	Talk, "Matters of Moment": GSD (11.75) GSC (9.58)
8 p.m.—St. Kitts	English war talk: ZIZ (6.384)
8:40 p.m.—Rome	"Around Italy with music": 2R04 (11.81) 2R011 (7.22)
9:30 p.m.—Berlin	Cabaret with Charlie: DXB (9.61)
11:30 p.m.—London	"Matters of Moment": GSD (11.75) GSC (9.58)

Thursday, April 25

For programs broadcast daily see Daily Programs (Col. 1)

8 p.m.—London	Talk, "Background to the News": GSD (11.75)
8:15 p.m.—London	Serial, "The Invisible Princess": GSD (11.75)
9:15 p.m.—Rome	English talk, "The Florentine Musical May": 2R04 (11.81) 2R011 (7.22)
10:45 p.m.—London	Talk, "Life in France Today": GSD (11.75) GSC (9.58)
12 mid.—Paris	Interviews with famous people: Paris Mondial (9.52)

Friday, April 26

For programs broadcast daily see Daily Programs (Col. 1)

5:45 p.m.—London	Talk, "In England Now": GSD (11.75)
8:15 p.m.—London	"At the Black Dog": GSD (11.75)
11:30 p.m.—London	"World Affairs," Wickham Steed: GSC (9.58) GSD (11.75)
11:30 p.m.—Schenectady	Music, news, personal messages and greetings for members of Byrd Antarctic Expedition at Little America: WGEO (9.53)

European News in English

Daily		Morning		STATION	DIAL
EDT	EST	CITY			
7:15 a.m.	6:15 a.m.	Rome		2R06	15.30
				2R08	17.82
7:30 a.m.	6:30 a.m.	London		GSG	17.79
7:45 a.m.	6:45 a.m.	Berlin		DJB	15.20
8:15 a.m.	7:15 a.m.	Ankara		TAQ	15.195
9:15 a.m.	8:15 a.m.	London		GSV	17.81
9:15 a.m.	8:15 a.m.	Berlin		DJB	15.20
				DJL	15.11
10:00 a.m.	9:00 a.m.	Berlin		DJQ	15.28
11:40 a.m.	10:40 a.m.	Rome		2R06	15.30
Daily		Afternoon		STATION	DIAL
EDT	EST	CITY			
12:00 noon	11:00 a.m.	London		GSV	17.81
12:30 p.m.	11:30 a.m.	Paris		TPB	15.13
				TPC8	11.845
2:00 p.m.	1:00 p.m.	London		GSI	15.26
2:20 p.m.	1:20 p.m.	Finland		OIE	15.19
3:15 p.m.	2:15 p.m.	Ankara		TAP	9.465
3:25 p.m.	2:25 p.m.	Rome		2R04	11.81
				2R06	15.30
4:50 p.m.	3:50 p.m.	London		GSD	11.75
				GSP	15.31
5:15 p.m.	4:15 p.m.	Rome		2R03	9.63
5:45 p.m.	4:45 p.m.	London		GSD	11.75
				GSP	15.31
Daily		Evening		STATION	DIAL
EDT	EST	CITY			
6:30 p.m.	5:30 p.m.	Moscow		RAN	9.69
7:00 p.m.	6:00 p.m.	Berlin		DJB	15.20
				DJD	11.77
7:50 p.m.	6:50 p.m.	Budapest		HAT5	9.625
8:30 p.m.	7:30 p.m.	London		GSD	11.75
9:00 p.m.	8:00 p.m.	Moscow		RAN	9.60
				RKI	15.04
9:00 p.m.	8:00 p.m.	Berlin		DXJ	7.24
9:00 p.m.	8:00 p.m.	Stock'm		SBP	11.705
				SBT	15.155
9:03 p.m.	8:03 p.m.	Paris		TPC	9.52
				TPB7	11.885
9:15 p.m.	8:15 p.m.	Berlin		DJD	11.77
				DJB	15.20
9:40 p.m.	8:40 p.m.	Madrid		EAQ	9.86
10:45 p.m.	9:45 p.m.	London		GSC	9.58
				GSD	11.75
11:00 p.m.	10:00 p.m.	Rome		2R04	11.81
				2R011	7.22
11:30 p.m.	10:30 p.m.	Berlin		DJD	11.77
				DXB	9.61
12:00 mid.	11:00 p.m.	London		GSC	9.58
				GSD	11.75
12:30 a.m.	11:30 p.m.	Paris		TPC	9.52
1:00 a.m.	12:00 mid	Berlin		DXB	9.61
1:30 a.m.	12:30 a.m.	Paris		TPC	9.52
2:15 a.m.	1:15 a.m.	London		GSD	11.75
2:35 a.m.	1:35 a.m.	Rome		2R03	9.63
4:00 a.m.	3:00 a.m.	Moscow		RV96	15.18

Daily Programs, Sat., April 27, through Fri., May 3

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.
(Correct time for Saturday, April 27, programs may be had by subtracting one hour from the time given for these daily programs.)

EDT	City	Program	Station
7:30 a.m.	Berlin	Variety program for North American listeners: DJB (15.20) or DJL (15.11)	
8 a.m.	Mozambique	Variety program for North America: CR7BG (15.285)	
9:50 a.m.	Perth, W. Australia	War news from Australia, in English: VLW2 (9.645)	
11:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
12:10 p.m.	Berlin	Variety music, and propaganda talks in English, for North America: DJB (15.20)	
12:30 p.m.	Paris	North American broadcast including talk, "Life in Paris": (11.845, 15.13)	
1:30 p.m.	London	News (Norwegian): GRX (9.69) GSW (7.23)	
1:45 p.m.	Guatemala	Popular marimba music for North American listeners: TGWA (15.17)	
1:45 p.m.	London	News (Swedish): GRX (9.69)	
2:15 p.m.	London	News (Finnish): GRX (9.69)	
3 p.m.	Mozambique	Symphonic, popular, folk music, and news in English from Portuguese East Africa: CR7BE (9.72)	
3:50 p.m.	Prague	Lord Haw Haw's propaganda talk in English: DZB (10.04)	
4 p.m.	Rome	Evening concert with English announcements: 2R06 (15.3) 2R04 (11.81)	
5:15 p.m.	Stockholm	Variety program: SBU (9.535) SBO (6.065)	
5:15 p.m.	Berlin	Lord Haw Haw's propaganda talk (English): DXB (9.61) DXM (7.27)	
6 p.m.	Athlone, Ireland	Variety program: EIRE (9.595)	
6 p.m.	Berlin	Propaganda talk in English: DJI (7.29)	
6:55 p.m.	Rio de Janeiro	Variety program from Brazil: PRF5 (11.855) PSII (10.22)	
7 p.m. (ex. Mon.)	Quito, Ecuador	English program, "Ecuador Echoes": HCJB (12.46)	
7:05 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	

Special for Pacific Coast

(Correct time for Saturday, April 27, programs may be had by subtracting one hour from the time given for these daily programs.)

11:30 a.m. daily	Sydney, Australia	Special program 12 noon—News (English): VLQ5 (9.68)
1:45 a.m. daily	Paris	Variety program: Paris Mondial (9.52)
2 a.m. daily	Rome	Special program: 2R03 (9.63)
11 a.m. Sunday	London	Variety show, "In Town Tonight": GSV (17.81)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

THE RADIO WAR SPREADS NORTHWARD

THE Danish short-wave station at Copenhagen (Skamlebak) and the Norwegian short-wave station at Oslo have both been silent since these cities were occupied by German troops on April 9. Nazi-sponsored broadcasts, however, may be instituted from these stations any day now. Calls and frequencies of the Oslo station are LLH (9.645), LKQ (11.735) and LKV (15.17). Those for the Copenhagen station are OZF (9.52) and OZH (15.32). The Stockholm, Sweden, short-wave station is still very much on the air at the time of writing and broadcasts a special program for North America nightly from 9 to 10 p.m. EDT over SBT (15.155) and SBP (11.705). SBT can be heard with excellent signals almost every evening. The program opens with a news bulletin in English. This newscast is very short and non-committal in nature, as might be expected from a neutral country sitting on a powder-keg likely to explode at any moment.

London now broadcasts special news bulletins in Norwegian, to Norway, daily at 1:30 p.m. EDT and in Swedish, to Sweden, at 1:45 p.m. EDT over GRX (9.69) and GSW (7.23). Unfortunately these frequencies are unsuitable for reception in North America at this hour, but occasionally they may be heard. News, diplomatic and network listening-posts should watch these news periods closely, since

they contain information (often sensational) and communiques not broadcast in any other transmissions. For example, the Norwegian broadcast on several consecutive days consisted almost wholly of explicit and detailed military instructions by the British General Staff addressed to Norwegian troops telling them exactly what methods to use in fighting the German invaders. It is believed that this is the first time that radio has ever been used by one general to direct maneuvers of foreign troops in a foreign country.

Reception from Europe has about returned to normal following the recent magnetic disturbances, and listeners will find the following war-news bulletins in English are best received in the United States at present: From LONDON: 9:15 a.m. and 12 noon over GSV (17.81); 4:50 and 5:45 p.m. EDT over GSP (15.31); 8:30, 10:45 p.m. and 12 midnight EDT over GSD (11.75); from BERLIN: 9:15 a.m., 7 and 9:15 p.m. EDT over DJB (15.20); 11:30 p.m. and 1 a.m. EDT over DJD (11.77); from PARIS: 9:03 p.m. and 12:30 a.m. EDT over Paris Mondial (9.52 and 11.885).

COMING NEXT WEEK: A World Short-Wave Timetable giving a list of the world's outstanding short-wave stations and the hours they are on the air.

EUROPEAN NOTES: The North American broadcast from Moscow, aired nightly from 8 to 9:30 p.m. EDT, is now being heard with fair regularity over RKI (15.04) on the 19-meter band . . . YUG (15.24), the summer frequency of the Belgrade (Yugoslavia) station, has now been put into use for the North American transmission which is broadcast nightly from 10 to 11 p.m. EDT . . . A new station, "Radio Sofia" (10.31), located at Sofia, Bulgaria, is said to be broadcasting on Sundays from 2 to 4 a.m. and from 4 to 5 p.m. EDT. A church service is broadcast starting at 3 a.m. EDT. A seven-piano-note interval signal is employed for station identification.

FEATURE PROGRAMS: Every year on May 1 (May Day) Stalin's mighty Red army passes in review before his special stand in Red Square, Moscow. Tanks, mechanized units, mobile artillery pieces and bands make up the procession, which lasts from eight to ten hours. The elaborate ceremonies are always broadcast over the Soviet short-wave stations, usually starting about 1 a.m. EDT, and can be heard best over RV96 (15.41) and RNE (12.00) . . . The "Pan-American Hour" is a new all-English popular variety hour, including short talks and tourist notes, broadcast over COGF (11.80), Matanzas, Cuba, daily from 5 to 6 p.m. EDT . . . "Garrison

Theater," the BBC's popular variety show put on especially for the entertainment of the British forces in France and which often includes famous artists, may be heard Saturdays at 3 p.m. EDT over GSP (15.31) and on Mondays at 11 p.m. EDT over GSD (11.75).

GENERAL NOTES: KRTK, the West Base Camp short-wave commercial station of the Byrd Antarctic Expedition, is on the air. The first broadcast from this point was radiated on Sunday, April 14, from 12:15 to 12:30 a.m. EDT. You will find KRTK on either 11.06 or 12.862 megs . . . A new Cuban station using the peculiar call COGSD (11.57) (mailing address, P. O. Box 625, Havana, Cuba) is being heard nightly from 8:30 p.m. to 12:30 a.m. EDT, with excellent signals. The station is apparently owned by presidential candidate Batista, as his virtues are constantly extolled to the listening audience. Programs are all-English and include many interesting travel talks and much valuable tourist information. Those writing in are promised information booklets and pictures descriptive of Cuba . . . The Tokyo short-wave station is licensed to operate on the following frequencies and with the following calls: JLT (6.19), JVW (7.257), JLG (7.285), JZI (9.535), JLT2 (9.645), JLG3 (11.705), JZJ (11.80), JVZ2 (11.815), JLU3 (19.82), JZK (15.16) and JZL (17.785).

7:15 p.m.	Berlin	Propaganda talk in English: DXM (7.27)
7:35 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT5 (9.625)
8 p.m.	Panama City	Geo. Williams' English "Radio Newspaper": HPSG (11.78)
8 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.60) RNE (12.00) RKI (15.04)
8:30 p.m.	Madrid	Program for North America: EAQ (9.86)

9 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.885)
9 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155) SBP (11.705)
9:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R011 (7.22)
9:30 p.m.	Szechwan, China	Music and news in English for North American listeners: XGOX (15.19)
10 p.m.	Berlin	English talk concerning current topics: DXB (9.61) DJD (11.77)

Important Stations

(Megacycles or thousands of kilocycles shown)			
CJRO, Canada	6.15	TAQ, Turkey	15.195
CR7BE, Mozambique	9.645	TGWA, Guatemala	9.685, 15.17
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TPA4, Paris	11.718
DJD, "	11.77	TPB7, "	11.885
DJL, "	15.11	TPCS, "	11.845
DXB, "	9.61	TFB, France	15.13
EAQ, Spain	9.86	TPC, "	9.52
GRX, England	9.69	VLQ5, Australia	9.68
GSD, "	9.51	VLR, "	9.58
GSC, "	9.58	VLW3, "	9.645
GSD, "	11.75	WGAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GSP, "	15.14	WBCA, New York City	17.79
GSG, "	17.79	WOBX, New York City	21.57, 15.27, 11.83
GSH, "	21.47		9.65, 6.17, 6.12
GSI, "	15.26		6.04
GSJ, "	21.58	WDJM, Miami, Fla.	6.04
GSO, "	15.18	WGEA, Schenectady, N. Y.	21.50, 15.33, 9.55
GSP, "	15.31	WGEO, Schenectady, N. Y.	9.53
GSV, "	17.81		
HAT5, Hungary	9.625	WLWO, Cincinnati, Ohio	6.06
HLB, Switzerland	9.34	WNB, New York City	6.100, 17.78
HCJB, Ecuador	12.46	WPIT, Pittsburgh, Pa.	21.54, 15.21, 11.87, 6.14
HP5A, Panama	11.70	WRCA, N. Y. City	9.67
HP5G, "	11.78	WRUL-WRUV, Boston, Mass.	15.25, 15.13, 11.79
HVJ, Vatican City	9.66		11.78, 6.04
IJJ, Japan	11.80	XECR, Mexico	7.38
JZK, "	15.16	XEWV, "	9.50
KGEI, San Francisco, Calif.	9.53, 15.33	XGOX, China	15.19
KHE, Hawaii	17.97	XGOY, "	9.64
MTCY, Manchukuo	11.78	YUG, Yugoslavia	15.24
OIE, Finland	15.19	2R03, Italy	9.63
ORK, Belgium	10.33	2R04, "	11.81
OZF, Denmark	9.52	2R06, "	15.30
OZH, "	15.32	2R09, "	9.67
PCJ, Holland	9.69, 15.22	2R011, "	7.22
RAN, U.S.S.R.	9.60	2R015, "	11.76
RKI, "	7.52		
RNE, "	12.00		
RV96, "	6.03, 15.18		
SEB, Sweden	11.705		
SBT, "	15.155		
TAP, Turkey	9.465		

Saturday, April 27

5:45 p.m.	London	Talk, "London Log": GSD (11.75)
8:15 p.m.	London	"Dispatch from the Front": GSD (11.75)
9:15 p.m.	Paris	"Reflections of Paris": Paris Mondial (9.52, 11.885, 11.718)
10:15 p.m.	London	"In Town Tonight": GSD (11.75) GSC (9.58)

Sunday, April 28

9:30 a.m.	London	"Dispatch from the Front": GSV (17.81)
9:25 p.m.	Holland	Program for North American listeners: PCJ (9.59)
9:45 p.m.	Berlin	English talk: DXB (9.61)
10:15 p.m.	Rome	English talk about current happenings in Rome: 2R04 (11.81)

Monday, April 29

9:30 a.m.	London	Talk, "Under Nazi Rule": GSV (17.81)
9 p.m.	London	Talk, "The Empire at War": GSD (11.75)
9:45 p.m.	Berlin	English talks on current war topics: DJD (11.77) DXB (9.61)
11 p.m.	London	"Garrison Theater": GSD (11.75)

Tuesday, April 30

9:30 a.m.	London	Talk, "Cards on the Table": GSV (17.81)
11 a.m.	London	Talk, "In England Now": GSV (17.81)
6:45 p.m.	London	Talk, "In England Now": GSD (11.75) GSC (9.58)
9 p.m.	London	Talk, "Cards on the Table": GSD (11.75) GSC (9.58)
11 p.m.	London	Talk, "Under Nazi Rule": GSD (11.75) GSC (9.58)
1 a.m.	Moscow	Start of gigantic "Red Day" celebrations in Moscow: RNE (12.00) RV96 (15.41)

Wednesday, May 1

6:45 p.m.	London	Talk, "Matters of Moment": GSD (11.75) GSC (9.58)
9 p.m.	St. Kitts	English war talk: ZIZ (6.384)
10:30 p.m.	Berlin	Cabaret with Charlie: DXB (9.61)
12:30 a.m.	London	"Matters of Moment": GSD (11.75) GSC (9.58)

Thursday, May 2

9:30 a.m.	London	"Life in France Today": GSV (17.81)
11 a.m.	London	"Background to the News": GSV (17.81)
9 p.m.	London	Talk, "Background to the News": GSD (11.75)
11:45 p.m.	London	Talk, "Life in France Today": GSD (11.75) GSC (9.58)
1 a.m.	Paris	Interviews with famous people: Paris Mondial (9.52)

Friday, May 3

9:30 a.m.	London	"World Affairs": GSV (17.81)
11 a.m.	London	Talk, "In England Now": GSV (17.81)
6:45 p.m.	London	Talk, "In England Now": GSD (11.75)
9:15 p.m.	Paris	"The Woman's Side of the War": Paris Mondial (9.52, 11.885)
9:15 p.m.	London	"At the Black Dog": GSD (11.75)

European News in English

Daily	Morning	City	STATION	DIAL
EST	CST			
6:15 a.m.	5:15 a.m.	Rome	2R06	15.30
			2R08	17.82
6:30 a.m.	5:30 a.m.	London	GSG	17.79
6:45 a.m.	5:45 a.m.	Berlin	DJB	15.20
8:15 a.m.	7:15 a.m.	London	GSV	17.81
8:15 a.m.	7:15 a.m.	Berlin	DJB	15.20
			DJL	15.11
9:00 a.m.	8:00 a.m.	Berlin	DJQ	15.28
10:40 a.m.	9:40 a.m.	Rome	2R06	15.30
11:00 a.m.	10:00 a.m.	London	GSV	17.81
11:15 a.m.	10:15 a.m.	Berlin	DJB	15.20
11:30 a.m.	10:30 a.m.	Paris	TPB	15.13
			TPC8	11.845

Daily	Afternoon	City	STATION	DIAL
1:00 p.m.	12:00 noon	London	GS1	15.26
1:20 p.m.	12:20 p.m.	Finland	OIE	15.19
2:25 p.m.	1:25 p.m.	Rome	2R04	11.81
			2R06	15.30
2:30 p.m.	1:30 p.m.	Paris	TPA4	15.24
3:50 p.m.	2:50 p.m.	London	GSD	11.75
			GSP	15.31
4:15 p.m.	3:15 p.m.	Rome	2R03	9.63
4:45 p.m.	3:45 p.m.	London	GSD	11.75
			GSP	15.31

Daily	Evening	City	STATION	DIAL
6:00 p.m.	5:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
7:30 p.m.	6:30 p.m.	London	GSD	11.75
8:00 p.m.	7:00 p.m.	Moscow	RV96	15.18
8:00 p.m.	7:00 p.m.	Berlin	DXJ	7.24
8:00 p.m.	7:00 p.m.	Stockholm	SBP	11.705
			SBT	15.155
8:03 p.m.	7:03 p.m.	Paris	TPC	9.52
			TPB7	11.885
8:15 p.m.	7:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
9:45 p.m.	8:45 p.m.	London	GSC	9.58
			GSD	11.75
10:00 p.m.	9:00 p.m.	Rome	2R04	11.81
			2R011	7.22
10:30 p.m.	9:30 p.m.	Berlin	DXB	9.61
			DJD	11.77
11:00 p.m.	10:00 p.m.	London	GSC	9.58
			GSD	11.75
11:30 p.m.	10:30 p.m.	Paris	TPC	9.52
12:00 mid.	11:00 p.m.	Berlin	DXB	9.61
12:30 a.m.	11:30 p.m.	Paris	TPC	9.52
1:15 a.m.	12:15 a.m.	London	GSD	11.75

Daily Programs, Sat., May 4, through Fri., May 10

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
7:30 a.m.	Tokyo	News (English): JZK (15.16)	
7:30 a.m.	Szechwan, China	News (English): XGOY (11.90)	
8:50 a.m.	Perth, W. Australia	War news from Australia, in English: VLW2 (9.645)	
11:10 a.m.	Berlin	Variety music and propaganda talks in English, for N. America: DJB (15.2)	
11:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": (11.845, 15.13)	
2:50 p.m.	Prague	Lord Haw Haw's propaganda talk in English: DXB (10.04)	
3 p.m.		Program of anti-Nazi station "Deutscher Freiheitssender": (10.07)	
3 p.m.	Rome	Evening concert with English announcements: 2R06 (15.3) 2R04 (11.81)	
4:15 p.m.	Stockholm	Variety program: SBU (9.535) WBO (6.065)	
4:15 p.m.	Berlin	Lord Haw Haw's propaganda talk (English): DXB (9.61) DXM (7.27)	
5 p.m.	Berlin	Propaganda talk in English: DJJ (7.29)	
5:55 p.m.	Rio de Janeiro	Variety program from Brazil: PRF5 (11.855) PSH (10.22)	
6:05 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.75)	
6:15 p.m.	Berlin	Propaganda talk in English: DXM (7.27)	
7 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RAN (9.60) RNE (12.00) RV96 (15.18)	
8 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.885)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155) SBP (11.705)	
8:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R011 (7.22)	
8:30 p.m.	Szechwan, China	Music and news in English for North American listeners: XGOX (15.19)	
9 p.m.	Berlin	English talk concerning current topics: DXB (9.61) DJJ (11.77)	
10 p.m.	Tokyo	Variety program: JVH (14.6)	
10:50 p.m.	Berlin	English talk concerning current events: DXB (9.61)	

Special for Pacific Coast

10 a.m. daily	Paris	Special broadcast: Paris Mondial (11.845, 15.13)
10:30 a.m. daily	Sydney, Australia	Special broadcast: (11 a.m.) News: VLQ5 (9.68)
12:45 a.m. daily	Paris	Variety program: Paris Mondial (9.52)
1 a.m. daily	Rome	Special program: 2R03 (9.63)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

"COK—O. K. BATISTA"

A POWERFUL new Cuban station is on the air. This station is unique in several ways. It is, so far as I know, the first short-wave station to be owned and operated by a political candidate and dedicated primarily to the task of elevating that candidate to office; it is the only Cuban station whose program material and announcements are in English, and one of the very few Latin stations that do not advertise commercial products.

This station went on the air on April 6, using the call letters COCS—D—the CSD standing for Conjunto Socialista Democratico, a union of several political groups who are sponsoring Colonel Fulgencio Batista for the presidency of Cuba. On April 15 the call letters of the station were changed to "COK—O. K. Batista," this call and slogan being announced frequently. COK operates on a frequency of 11.75 megacycles, a little lower than its loud signals and coupled with its announcements, frequent English announcements, readily identify the station.

COK (11.75) broadcasts nightly from 7:30 to 11:30 p.m. EST. The programs include popular and dance selections as well as native Cuban music played by leading artists. Between musical numbers two- or three-minute talks in English give much interesting and val-

uable information about life in Cuba. I have often said that the Cuban stations were missing a big bet in not broadcasting regular English talks designed to lure more American tourists to their beautiful tropical isle. COK is doing this very thing and the announcer promises to answer promptly any questions that listeners may have regarding Cuba. Each listener reporting reception of the station will receive an attractive souvenir commemorative QSL card as well as twelve beautiful Cuban scenic postal cards. It isn't necessary to include return postage or an international reply coupon. The souvenirs are free. Address your letters to Colonel Fulgencio Batista, Estacion COK, Ave. de Belgica, Reparto Kohly, Havana, Cuba. Colonel Batista has also printed a special issue of initial stamps bearing his likeness which are available to any listeners inter-

Batista's qualifications for office I can say that thousands of United States listeners are indebted to him for these English broadcasts which are bringing to us in such an interesting manner the culture, music, history and tourist attractions of our little tropical neighbor. I hope COK will continue to operate regardless of the outcome of the impending presidential elections.

REBROADCASTING OF NON-PROFIT INTERNATIONAL PROGRAMS AUTHORIZED: The Federal Communications Commission has amended its rules and regulations to permit standard and non-commercial educational broadcast stations to pick up and rebroadcast the non-commercial programs of international broadcast stations. It was specified, however, that such rebroadcasting shall be on a non-commercial basis.

Briefly, this means that any broadcast station or a non-commercial educational station in the United States may, upon authority of the station originating the international program, pick up and retransmit the same for the benefit of its listeners. This applies to the program of any short-wave broadcast station, whether it is located within or outside of the United States.

This is one of the most significant rulings in the history of short-wave broadcasting in the United States, since with one sweep it eliminates for all time the experimental status of short-wave broadcasting and makes it possible for even the tiniest local broadcast station to pick up and rebroadcast cultural and educational programs from, say, WRUL in Boston, or the NBC and CBS international stations in New York City. It makes it possible

also, as I understand it, for any local broadcast station in this country to pick up, say, the opera from Milan, the English newscast from Stockholm or a marimba concert from Guatemala City. All progressive broadcast stations will probably set up their own short-wave listening posts ready to render, when practical, a splendid international as well as local service to their listeners.

LATEST FROM EUROPE: As predicted in last issue of Movie and Radio Guide, a Nazi broadcast is now being radiated daily from 9:30 to 11:00 a.m. EST on a frequency of 15.32 megs, the old channel of OZH, Denmark, and presumably using this station's transmitter. . . . Switzerland's programs for North America, Monday and Wednesday nights from 8:45 to 10:15 p.m. EST, are now being radiated over HBJ (14.535). . . . Don't miss Marion Dix's interviews with famous Americans living in or visiting Paris, on Sundays at 11:40 a.m. EST over Paris Mondial (15.13 or 11.845). . . . Budapest is not getting through to United States listeners on its new frequency of HATS (9.625). I suggest the North American program radiated nightly from 6:35 to 8:00 p.m. EST be shifted at once to 11.85 megs, Budapest frequency in 25-meter band.

9:15 p.m.	London	"In Town Tonight": GSD (11.75) GSC (9.58)
10:15 p.m.		"Little America Speaks." Program direct from Byrd Expedition in Antarctica: KRTR (12.862 or 17.31)
10:30 p.m.	London	Talk, "London Log": GSC (9.58) GSD (11.75)

Sunday, May 5

8:30 a.m.	London	"Dispatch from the Front": GSV (17.81)
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Important Stations

(Megacycles or thousands of kilocycles shown)

CJRO, Canada	6.16	TAQ, Turkey	15.195
COK, Cuba	11.07	TGWA, Guatemala	9.685, 15.17
CRBE, Mosambique	9.71	TG2, Guatemala	6.195
CSW7, Portugal	9.795	TPA4, Paris	11.718
DJB, Germany	15.20	TPB7, "	11.885
DJD, "	11.77	TPC8, "	11.845
DJL, "	15.11	TPB, France	15.13
DXB, "	9.61	TPC, "	9.52
EAQ, Spain	9.86	VLQ5, Australia	9.68
GRX, England	9.69	VLR, "	9.58
GSB, "	9.51	VLW3, "	9.645
GSC, "	9.58	WCAB, Philadelphia	
GSD, "	11.75	Pa, 6.06, 9.59, 15.27	
GSE, "	15.14	WCBX, New York City	
GSG, "	17.79	21.57, 15.27, 11.83	
GSH, "	21.47	9.65, 6.17, 6.12	
GSI, "	15.26	WJDM, Miami, Fla.	6.04
GSI, "	21.58	WGEA, Schenectady	
GSP, "	10.31	N.Y. 21.50, 15.33, 9.45	
GSV, "	17.81	WGOE, Schenectady	
HATS, Hungary	9.625	N.Y.	9.53
HBJ, Switzerland	14.535	WLWO, Cincinnati	6.06
HCTB, Ecuador	12.46	Ohio	
HJCT, Colombia	9.63	WNBI, New York City	6.100, 17.78
HP5A, Panama	11.70		
HP5G, "	11.78	WPIT, Pittsburgh, Pa.	
HVI, Vatican City	9.66	21.54, 15.21, 11.87, 6.14	
JZJ, Japan	11.80	WRCA, N.Y. City	9.67
JZK, "	15.16	WRUL-WRUV, Boston, Mass.	15.13, 11.79, 15.25, 15.33, 11.79, 11.73, 6.04
KHE, Hawaii	17.97		
MTCY, Manchukuo	11.78	XECR, Mexico	7.38
OIE, Finland	15.19	XEWV, "	9.50
ORR, Belgium	10.33	XGOX, China	15.19
OZF, Denmark	9.92	XGOY, "	9.64
OZH, "	15.32	YUG, Yugoslavia	15.24
PCJ, Holland	9.59, 15.22	2R03, Italy	9.63
RAN, U.S.S.R.	9.80	2R04, "	11.81
RNE, "	12.00	2R06, "	15.36
RV96, "	6.03, 15.18	2R09, "	9.67
SBP, Sweden	11.705	2R011, "	7.22
SBT, "	15.155	2R015, "	11.76
TAP, Turkey	9.468		

11:40 a.m.—Paris—Marion Dix interviews famous Parisians (English); Paris Mondial (15.13)

3:30 p.m.—Rome—Advance program notices and Listener's Corner, in English: 2R04 (11.81) 2R06 (15.30)

3:45 p.m.—Rome—Commentary by H. V. Kaltenborn: 2R06 (15.30)

8:25 p.m.—Holland—Program for North American listeners: PCJ (9.59)

8:45 p.m.—Berlin—English talk: DXB (9.61)

9:15 p.m.—Rome—English talk about current happenings in Rome: 2R04 (11.81)

GSD (11.75)

8:45 p.m.—Switzerland—Program of folk and popular music; news and political talks: HBJ (14.535)

8:45 p.m.—Berlin—English talks on current war topics: DJJ (11.77) DXB (9.61)

(14.535)

8:45 p.m.—Berlin—English talks on current war topics: DJJ (11.77) DXB (9.61)

May 7

8:45 p.m.—Berlin—English talks on current war topics: DJJ (11.77) DXB (9.61)

8:45 p.m.—Berlin—English talks on current war topics: DJJ (11.77) DXB (9.61)

Tuesday, May 7

For programs broadcast daily see Daily Programs (Col. 1)

8:30 a.m.—London—Talk, "Cards on the Table": GSV (17.81)

10 a.m.—London—Talk, "In England Now": GSV (17.81)

5:45 p.m.—London—Talk, "In England Now": GSD (11.75) GSC (9.58)

8 p.m.—London—Talk, "Cards on the Table": GSD (11.75) GSC (9.58)

8:15 p.m.—London—Serial, "Vanity Fair": GSD (11.75)

8:45 p.m.—Holland—Music, English talks and humor for American listeners: PCJ (9.59)

10 p.m.—London—Talk, "Under Nazi Rule": GSD (11.75) GSC (9.58)

Wednesday, May 8

For programs broadcast daily see Daily Programs (Col. 1)

5:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75) GSC (9.58)

6:30 p.m.—London—Talk, "Political India": GSD (11.75)

8 p.m.—St. Kitts—English war talk: ZIZ (6.384)

8:25 p.m.—Holland—Happy Program for North American listeners: PCJ (9.59)

9:30 p.m.—Berlin—Cabaret with Charlie: DXB (9.61)

11:30 p.m.—London—"Matters of Moment": GSD (11.75) GSC (9.58)

Thursday, May 9

For programs broadcast daily see Daily Programs (Col. 1)

8:50 a.m.—London—"Life in France Today": GSV (17.81)

8 p.m.—London—Talk, "Background to the News": GSD (11.75)

10:45 p.m.—London—Talk, "Life in France Today": GSD (11.75) GSC (9.58)

11 p.m.—Guatemala—National Police Force Marimba Band: TGWA (9.685)

Friday, May 10

For programs broadcast daily see Daily Programs (Col. 1)

10 a.m.—London—Talk, "In England Now": GSV (17.81)

5:45 p.m.—London—Talk, "In England Now": GSD (11.75)

8:15 p.m.—Paris—"The Woman's Side of the War": Paris Mondial (9.52, 11.885)

8:15 p.m.—London—"At the Black Dog": GSD (11.75)

11:30 p.m.—London—"World Affairs," Wickham Steed: GSD (11.75) GSC (9.58)

European News in English

Daily	Morning		STATION	DIAL
EDT	EST	CITY		
7:15 a.m.	6:15 a.m.	Rome	2R06	15.30
			2R08	17.82
7:30 a.m.	6:30 a.m.	London	GSG	17.79
7:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
9:00 a.m.	8:00 a.m.	Paris	TPA2	15.24
9:15 a.m.	8:15 a.m.	London	GSV	17.81
9:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
10:00 a.m.	9:00 a.m.	Berlin	DJQ	15.28
11:40 a.m.	10:40 a.m.	Rome	2R06	15.30

Daily	Afternoon		STATION	DIAL
12:00 noon	11:00 a.m.	London	GSV	17.81
12:15 p.m.	11:15 p.m.	Berlin	DJB	15.20
12:30 p.m.	11:30 a.m.	Paris	TPA2	15.24
			TPC8	11.845
2:00 p.m.	1:00 p.m.	London	GSV	15.26
2:20 p.m.	1:20 p.m.	Finland	OIE	15.19
3:25 p.m.	2:25 p.m.	Rome	2R04	11.81
			2R06	15.30
3:30 p.m.	2:30 p.m.	Paris	TPA4	15.24
4:50 p.m.	3:50 p.m.	London	GSD	11.75
			GSP	15.31
5:15 p.m.	4:15 p.m.	Rome	2R03	9.63
5:45 p.m.	4:45 p.m.	London	GSD	11.75
			GSP	15.31

Daily	Evening		STATION	DIAL
7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
8:30 p.m.	7:30 p.m.	London	GSD	11.75
9:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
9:00 p.m.	8:00 p.m.	Stock'm	SBP	11.705
			SBT	15.155
9:15 p.m.	8:15 p.m.	Berlin	DJB	15.20
			DJD	11.77
9:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
			TPC	9.52
10:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
11:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
11:30 p.m.	10:30 p.m.	Berlin	DJB	15.20
			DJD	11.77
12:00 mid.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
12:30 a.m.	11:30 p.m.	Paris	TPC	9.52
1:00 a.m.	12:00 mid.	Berlin	DXB	9.61
1:30 a.m.	12:30 a.m.	Paris	TPC	9.52
2:15 a.m.	1:15 a.m.	London	GSD	11.75
2:35 a.m.	1:35 a.m.	Rome	2R03	9.63

Daily Programs, Sat., May 11, through Fri., May 17

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EDT	City	Program	Station
8:30 a.m.	Tokyo	News (English); JZK (15.16)	
8:45 a.m.	Paris	North American broadcast; TPA2 (15.24)	
9:50 a.m.	Perth, W. Australia	War news from Australia (English); VLW2 (9.645)	
11:30 a.m.	Saigon	Special program for North America, including music and news; (11.78)	
12:10 p.m.	Berlin	Variety music and propaganda talks in English, for North America; DJB (15.2)	
12:30 p.m.	Paris	North American broadcast, including talk, "Life in Paris"; (11.845, 15.24)	
3 p.m.	Mozambique	Symphonic, popular, folk music, and news in English, from Portuguese East Africa; CR7BE (9.71)	
3:45 p.m.	Rabat, Morocco	Arabic program from Morocco; Radio Morocco (11.94)	
3:50 p.m.	Prague	Lord Haw Haw's propaganda talk in English; DZB (10.04)	
4 p.m.		Program of anti-Nazi station "Deutscher Freiheitssender"; (10.07)	
4 p.m.	Rome	Evening concert with English announcements; 2R06 (15.3) 2R04 (11.81)	
4:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English; DXB (9.61)	
5:15 p.m.	Stockholm	Variety program; SBU (9.535) SBO (6.055)	
5:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English; DXB (9.61)	
5 p.m.	Berlin	Propaganda talk in English; DJI (7.29)	
7 p.m. (ex. Mon.)	Quito, Ecuador	English program, "Ecuadorian Echoes"; HCJB (12.46)	
7:05 p.m.	Lisbon	Variety program from Portugal for North American listeners; CSW7 (9.74)	
7:15 p.m.	Berlin	Propaganda talk in English; DXM (7.27)	
7:30 p.m.	Martini	News (English); (9.705)	
7:35 p.m.	Budapest	Variety program from Hungary for North American listeners; HAT5 (9.625)	
9 p.m.	Prague	Czech (Nazi) program; OLR4A (11.84)	
9 p.m.	Panama City	George Williams' English "Radio Newspaper"; HPSG (11.78)	

Special for Pacific Coast

1:40 a.m. daily	Tokyo	Current affairs in Japan; JZJ (11.80)
1:45 a.m. daily	Paris	Variety program; Paris Mondial (9.52)
2 a.m. daily	Rome	Special program; 2R03 (9.63)
2:30 a.m. daily	Manchuquo	English program from Manchuquo; (3 a.m.) News; MTCY (11.78)
11 a.m. daily	Paris	Special broadcast; Paris Mondial (11.845, 15.24)
11:30 a.m. daily	Sydney, Australia	Special broadcast; (12 noon) News; VLQ5 (9.68)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

SHORT-WAVE PROGRAMS BEAMED ON NORTH AMERICA

BEFORE the advent of "beamed" or "directive" transmissions, short-wave reception was more or less a haphazard affair, and there was no way of knowing with any degree of certainty that a particular program heard one day would be heard the next day.

Omnidirectional broadcasts are radiated with an equal intensity in all directions and therefore only a small portion of the total signal-strength can be received at any one point. In directional or beam broadcasting all of the signal-strength is concentrated in a single direction, like the beam from a searchlight, and therefore those listeners whose receiving aerials are in the path of this beam will receive tremendously amplified signals. This advantage is particularly apparent on a day of poor reception, when you probably will fail to receive any foreign programs except those specifically beamed on this country. Using the same transmitter and the same power but by merely switching from an aerial pointed away from you to one pointed toward you will often mean the difference between receiving a perfectly intelligible broadcast or receiving nothing at all.

The locality in which a certain broadcast is to be received is regulated not only by the direction in which it is beamed but also by the angle at which it is transmitted. For example, a broadcast from Berlin may be well received in eastern North America but heard only poorly or not at all in western North America, since to insure reception on the Pacific Coast both direction and angle of the beam must be changed slightly. In the following table listeners will find a simple guide to the leading short-wave

transmissions that are directed specifically to North America, in English. All times given are Eastern Daylight.

BERLIN: 7:30 to 10:00 a.m., DJL (15.11); 12:10 to 12:40 p.m., DJB (15.20); 5:50 p.m. to 12:00 mid., DJB (15.2) or DJD (11.77); 8:00 p.m. to 2:00 a.m., DXB (9.61).

BUDAPEST: 7:35 to 9:00 p.m., HAT5 (9.625).

GUATEMALA CITY: 1:45 to 2:30 p.m., TGWA (15.17).

HUIZEN (Holland): Sun., 9:25 to 10:50 p.m.; Tues., 9:45 to 10:45 p.m., and Wed., 9:25 to 9:40 p.m., PCJ (9.59).

LONDON: 8:00 a.m. to 12:30 p.m., GSV (17.81); 2:35 to 7:00 p.m., GSP (15.31), and 7:24 p.m. to 1:30 a.m., GSD (11.75).

MOSCOW: 8:00 to 9:30 p.m., RV96 (15.18).

PARIS: 8:45 to 9:20 a.m. (15.24); 12:30 to 1:30 p.m. (15.24 and 11.845); 9:00 p.m. to 1:30 a.m. (11.845 and 9.52), and 1:45 to 2:45 a.m. (West Coast) (9.52).

QUITO (Ecuador): 7:00 to 8:00, 10:00 to 11:00 p.m., HCJB (12.46).

ROME: 9:15 to 11:10 p.m., 2R03 (9.63), 2R04 (11.81) and 2R08 (17.82).

STOCKHOLM: 9:00 to 10:10 p.m., SBT (15.155).

SYDNEY (Australia): 8:00 to 9:00 a.m. (East Coast), and 11:30 a.m. to 12:30 p.m. (West Coast), VLQ5 (9.68).

SZECHEWAN (China): 9:30 to 10:30, 11:00 p.m. to 12:00 mid., and 12:30 to 2:00 a.m. (West Coast), XGOX (15.19).

TOKYO: 1:00 to 2:30 a.m. (West Coast), JZJ (11.80) or JZK (15.16), and 9:00 to 10:00 p.m. (East Coast), JZK (15.16).

VATICAN CITY: Sun and Thurs., 9:30 to 9:50 p.m., HVJ (9.66).

THE LATEST FROM EUROPE: According to Robert Skyten of East Brookfield, Mass., Nazi-sponsored broadcasts have been instituted over the Oslo transmitter on the regular frequencies of 15.17, 11.735 and 9.645 megs. . . . The former Danish transmitter OZH (15.32) may now be heard daily from 9:30 to 10:30 a.m. EDT with a German program and using the German call DXU. . . . An early-morning program from Paris may now be heard daily from 8:45 to 9:20 a.m. EDT over TPA2 (15.24) . . . 2R08 (17.82), on the 16-meter band, has replaced 2R06 (15.30), in the 19-meter band, in the "American Hour" from Rome, heard nightly from 9:15 to 11:10 p.m. EDT. The best frequency for this period is still 2R04 (11.81) at the time of writing. . . . ZAA (7.85), located at Tirana, Albania, will broadcast a special DX program for listeners

in North America on Tuesday, May 14, from 10:00 to 11:00 p.m. EDT. This is the first DX transmission ever broadcast from Albania.

NEWS IN GENERAL: H. Fleming Lamorna of Ewell, Surrey, England, writes: "NBC news particularly is interesting to me and my wife. In fact, we were first made aware of the doubling of our bacon ration by your bulletin of this evening." NBC broadcasts the news in English for its foreign listeners in Europe daily at 12:00 noon and 1:00 p.m. EDT over WNBI (17.78), and for its listeners in Latin America nightly at 11:00 p.m. EDT over WRCA (9.67) . . . The Bolivian station heard on 15.162 megs, daily from 3:30 to 6:00 p.m. and irregularly from 9:00 to 10:15 p.m. EDT, is CP-43 and the location is believed to be Cotagaita.

8 p.m.—Moscow—News, talks and music from Soviet Russia for listeners in North America; RV96 (15.18)

8:30 p.m.—Havana—All-English program, including popular music and short talks; COK (11.57)

9 p.m.—Paris—Talks, music, plays and news in English, for North America; (9.52, 11.845)

9 p.m.—Stockholm—Program from Sweden for listeners in North America; SBT (15.155)

9:15 p.m.—Rome—"American Hour" for listeners in North America; 2R04 (11.81) 2R08 (17.82)

9:30 p.m.—Szecshwan, China—Music and news in English, for North American listeners; XGOX (15.19)

11 p.m.—Little America—Experimental transmissions; KRK (12.862 or 17.31)

11 p.m.—Tokyo—Variety program; JVB (14.60)

Saturday, May 11

For programs broadcast daily see Daily Programs (Col. 1)

5:45 p.m.—London—Talk, "London Log"; GSD (11.75)

8:15 p.m.—London—"Dispatch from the Front"; GSD (11.75)

Important Stations

(Megacycles or thousands of kilocycles shown)

CFRO, Canada	6.15	TAQ, Turkey	15.195
COK, Cuba	11.57	TGWA, Guatemala	9.685, 15.17
CR7BE, Mozambique	9.71	TG2, Guatemala	6.195
CSW7, Portugal	9.755	TPA2, France	15.24
DJB, Germany	15.20	TPA4, Paris	11.718
DJD, " "	11.77	TPC8, " "	11.845
DXB, " "	9.61	TPB, France	15.13
EAQ, Spain	9.86	TPC, " "	9.52
GRX, England	9.89	VLQ5, Australia	9.68
GSD, " "	9.51	VLW3, " "	9.645
GSC, " "	9.58	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GSE, " "	15.14	WCBX, New York City	21.57, 15.27, 11.83
GSO, " "	17.79	WDJM, Miami, Fla.	6.04
GSH, " "	21.47	WGEA, Schenectady, N. Y.	21.50, 18.93, 9.56
GSI, " "	15.26	WGEO, Schenectady, N. Y.	9.53
GSL, " "	21.58	WJWO, Cincinnati, Ohio	6.06
GSP, " "	15.31	WNBI, New York City	6.100, 17.78
HAT5, Hungary	9.625	WPIT, Pittsburgh, Pa.	9.67
HCB, Switzerland	14.538	WRCA, N. Y. City	9.67
HJCT, Colombia	12.46	WRUL-WRUV, Boston, Mass.	15.25, 15.13, 11.79
HPSA, Panama	11.70	XEGR, Mexico	7.58
HP50, " "	11.78	XEWV, " "	9.50
HVJ, Vatican City	9.66	XGOX, China	15.19
JZJ, Japan	11.80	XGOY, " "	9.64
JZK, " "	15.16	YUG, Yugoslavia	15.24
KEGI, San Francisco, Calif.	9.53, 15.33	2R03, Italy	9.63
KHE, Hawaii	17.97	2R04, " "	11.81
MTCY, Manchukuo	11.78	2R06, " "	15.30
OIE, Finland	15.19	2R08, " "	17.82
ORX, Belgium	10.33	2R09, " "	9.61
OZH, Denmark	9.52	2R011, " "	7.22
PCJ, Holland	9.59, 15.24	2R015, " "	11.76
RAN, U.S.S.R.	9.60		
RNE, " "	12.00		
RV96, " "	8.03, 15.18		
SBP, Sweden	11.705		
SBT, " "	15.155		
TAP, Turkey	9.405		

9 p.m.—Havana—Serial, "The Life of Colonel Batista"; COK (11.57)

9:15 p.m.—Rome—English talk; 2R04 (11.81)

10:15 p.m.—London—"In Town Tonight"; GSD (11.75) GSC (9.58)

11:30 p.m.—London—Talk, "London Log"; GSC (9.58) GSD (11.75)

1:15 a.m.—"Little America Speaks"—Program direct from Byrd Expedition in Antarctica; KRK (12.862 or 17.31)

Sunday, May 12

For programs broadcast daily see Daily Programs (Col. 1)

9:30 a.m.—London—"Dispatch from the Front"; GSV (17.81)

11:45 a.m.—News (English); HP5G (11.78)

12:40 p.m.—Paris—Marion Dix interviews famous Parisians (English); Paris Mondial (15.24)

9:40 p.m.—Rome—Opera; 2R04 (11.81) 2R08 (17.82)

9:45 p.m.—Berlin—English talk; DXB (9.61)

10:15 p.m.—Rome—English talk about current happenings in Rome; 2R04 (11.81) 2R08 (17.82)

Monday, May 13

For programs broadcast daily see Daily Programs (Col. 1)

9:30 a.m.—London—Talk, "Under Nazi Rule"; GSV (17.81)

9 p.m.—London—Talk, "The Empire at War"; GSD (11.75)

9:45 p.m.—Berlin—English talks on current war topics; DJD (11.77) DXB (9.61)

Tuesday, May 14

For programs broadcast daily see Daily Programs (Col. 1)

6:45 p.m.—London—Talk, "In England Now"; GSD (11.75) GSC (9.58)

9 p.m.—London—Talk, "Cards on the Table"; GSD (11.75) GSC (9.58)

10 p.m.—Tirana, Albania—Special DX program for short-wave listeners in North America; ZAA (7.85)

11 p.m.—London—Talk, "Under Nazi Rule"; GSD (11.75) GSC (9.58)

Wednesday, May 15

For programs broadcast daily see Daily Programs (Col. 1)

6:45 p.m.—London—Talk, "Matters of Moment"; GSD (11.75)

7:30 p.m.—London—Talk, "Political India"; GSD (11.75)

9:25 p.m.—Holland—Happy Program for North American listeners; PCJ (9.59)

10 p.m.—Berlin—English talk, "Matters of Moment"; DJD (11.77)

12:30 a.m.—London—"Matters of Moment"; GSD (11.75)

Thursday, May 16

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.—London—"Background to the News"; GSV (17.81)

9 p.m.—London—Talk, "Background to the News"; GSD (11.75)

9:30 p.m.—Vatican City—Catholic news for listeners in North America; HVJ (9.66)

11:45 p.m.—London—Talk, "Life in France Today"; GSD (11.75)

Friday, May 17

European News in English

Daily Morning		STATION	DIAL
CST	CDT CITY		
5:15 a.m.	6:15 a.m. Rome	2R06	15.30
		2R08	17.82
5:30 a.m.	6:30 a.m. London	GSG	17.79
5:45 a.m.	6:45 a.m. Berlin	DJL	15.11
7:00 a.m.	8:00 a.m. Paris	TPA2	15.24
7:15 a.m.	8:15 a.m. London	GSV	17.81
7:15 a.m.	8:15 a.m. Berlin	DJL	15.11
8:00 a.m.	9:00 a.m. Berlin	DJO	15.28
9:40 a.m.	10:40 a.m. Rome	2R08	17.82
10:00 a.m.	11:00 a.m. London	GSV	17.81
10:15 a.m.	11:15 a.m. Berlin	DJB	15.20
10:30 a.m.	11:30 a.m. Paris	TPA2	15.24
		TPC8	11.845

Daily Afternoon		STATION	DIAL
CST	CDT CITY		
12:00 noon	1:00 p.m. London	GSI	15.26
12:20 p.m.	1:20 p.m. Finland	OIE	15.19
1:25 p.m.	2:25 p.m. Rome	2R04	11.81
		2R06	15.30
1:30 p.m.	2:30 p.m. Paris	TPA4	15.24
2:50 p.m.	3:50 p.m. London	GSD	11.75
		GSP	15.31
3:45 p.m.	4:45 p.m. London	GSD	11.75
		GSP	15.31
5:00 p.m.	6:00 p.m. Berlin	DJB	15.20
		DJD	11.77
5:50 p.m.	6:50 p.m. Budapest	HAT5	9.625

Daily Evening		STATION	DIAL
CST	CDT CITY		
6:30 p.m.	7:30 p.m. London	GSD	11.75
7:00 p.m.	8:00 p.m. Moscow	RV96	15.18
7:00 p.m.	8:00 p.m. Stock'm	SBP	11.705
		SBT	15.155
7:15 p.m.	8:15 p.m. Berlin	DJD	11.77
		DJB	15.20
		DXJ	7.24
7:30 p.m.	8:30 p.m. Paris	TPC8	11.845
		TPC	9.52
8:45 p.m.	9:45 p.m. London	GSC	9.58
		GSD	11.75
9:00 p.m.	10:00 p.m. Rome	2R04	11.81
		2R06	15.30
9:30 p.m.	10:30 p.m. Berlin	DXB	9.61
		DJD	11.77
10:00 p.m.	11:00 p.m. London	GSC	9.58
		GSD	11.75
10:45 p.m.	11:45 p.m. Paris	TPC	9.52
11:00 p.m.	12:00 mid. Berlin	DXB	9.61
12:15 a.m.	1:15 a.m. London	GSD	11.75
12:35 a.m.	1:35 a.m. Rome	2R03	9.63

Daily Programs, Sat., May 18, through Fri., May 24

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
6:45 a.m.	Paris	North American broadcast: TPA2 (15.24)	
7:30 a.m.	Copenhagen	Nazi program from Denmark: DXU (15.32)	
7:50 a.m.	Perth, W. Australia	War news from Australia (English): VLW2 (9.645)	
9:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
10:10 a.m.	Berlin	Variety music and propaganda talks in English, for North America: DJB (15.2)	
10:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": (11.845, 15.24)	
1 p.m.	Mozambique	Symphonic, popular and folk music, and news in English, from Portuguese East Africa: CR7BE (9.71)	
1:45 p.m.	Rabat, Morocco	Arabic program from Morocco: Radio Morocco (11.94)	
2 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30)	
2:15 p.m.	Berlin	Lord Haw Haw's propaganda talk, in English: DXB (9.61)	
3:15 p.m.	Berlin	Lord Haw Haw's propaganda talk, in English: DXB (9.61) DJD (11.77)	
3:50 p.m.	Berlin	Evening program for North America: DJB (15.20) DJD (11.77)	
4 p.m.	Berlin	Propaganda talk in English: DJI (7.29)	
5 p.m.	Quito, Ecuador	English program, "Ecuadorian Echoes": HCJB (12.46)	
5:30 p.m.	Martinique	News (English): (9.705)	
6 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18)	
7 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.845)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155) SBP (11.705)	
7:30 p.m.	Szechwan, China	Music, and news in English for North American listeners: XGOX (15.19)	
9 p.m.	Little America	Experimental transmissions: KR7K (12.862 and 17.31)	

Saturday, May 18

For programs broadcast daily see Daily Programs (Col. 1)

4:30 p.m.	Berlin	"U. S. and Germany": DJB (15.20) DJD (11.77)
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Special for Pacific Coast

9:30 a.m. daily	Sydney, Australia	Special program: (10 a.m.) News: V1Q5 (9.68)
11:40 p.m. daily	Tokyo	English talk about current affairs in Japan: JZJ (11.80)
11:45 p.m. daily	Paris	Variety program, Paris Mondial (9.52)
12 mid. daily	Rome	Special program: 2R03 (9.63)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

SHORT-WAVE ON A 24-HOUR BASIS

THAT short-wave radio has become a tremendously important factor in the war no one can deny. Those who have been closely following this column will recall that for the past two or three years the leading European powers have been engaged in a feverish struggle for choice short-wave frequencies, each seeking to establish its supremacy in the field of international broadcasting by building more and more transmitters and at the same time continually boosting the power of those already in use. All of this activity was designed for one purpose only: That when war came, as they all knew it would soon, they would be in a position to blast forth with more voices and louder voices than the enemy. Each government had an idea that short-wave radio would play an important part in the war but in their most fantastic dreams no one even guessed at the incredible role that it is actually playing today in the influencing of thought throughout the world. At the present time England's world service undoubtedly heads the list, with Germany and Italy a very close second; France in third place and coming up fast, and Soviet Russia still trailing as a poor fourth.

EACH of the countries mentioned above broadcasts on practically a twenty-four-hour daily basis, each day's schedule being broken up into an elaborate system of transmissions, each directed to a specific country or continent where short-wave reception is most favorable at that hour. In addition, to influence as many listeners as possible, these broadcasts are radiated in the languages that are used in the countries to which the programs are be-

FROM EUROPE: London's transmission six, for North America, is now being radiated nightly from 8:40 to 10:30 p.m. CST, over GSD (11.75) . . . Arranged in collaboration with the Canadian Broadcasting Corporation, London now presents a program known as the "CBC Half-Hour" weekly on Mondays at 6:00 p.m. CST over GSD (11.75) . . . The Belgian government's new 40,000-watt short-wave station, ORY (11.72), will soon be broadcasting to the Belgian Congo daily from 12:30 to 2:00 p.m. CST, in parallel with ORK (10.33). My personal guess is that this new station is being groomed for propaganda use if or when war breaks out in that country . . . The English news bulletin from Budapest can be heard at 5:50 p.m. CST over HAT5 (9.625) . . . Lord Haw Haw, famous Oxford-accented English announcer of the Berlin station whose wit has made him a great favorite with British listeners, can now be heard daily

ing directed. When Paris or Berlin broadcasts to listeners in the United States, the programs are announced in excellent English; when Paris or Berlin broadcasts to listeners in Latin America, the programs are announced in equally good Spanish or Portuguese, and when they transmit to the Near East, all announcements are in equally fluent Arabic. The extent to which this multi-language system has been carried out can best be illustrated by London's world service, which in addition to English is now radiated in eighteen other languages, including Afrikaans, Arabic, Bulgarian, Czech, Finnish, French, German, Greek, Italian, Magyar, Norwegian, Polish, Portuguese, Roumanian, Serbo-Croat, Spanish, Swedish and Turkish. A huge staff of translators, news editors and announcers are needed to handle this complicated set-up. Some of these foreign-language broadcasts are audible in North America, others are not. In answer to numerous requests for particulars as to the hours at which some of the leading foreign-language broadcasts from London can be heard, I have compiled the following list of the main ones audible in this country (CST):

FRENCH: 6:15 a.m., GSV (17.81); 3:00 p.m., GSP (15.31); 5:45 p.m., GSD (11.75).
 GERMAN: 6:30 a.m., GSV (17.81); 2:00 p.m., GSD (11.75); 3:15 p.m., GSP (15.31).
 ITALIAN: 6:45 a.m., GSV (17.81); 12:30 p.m., GSC (9.58).
 PORTUGUESE: 7:00 a.m., GSV (17.81); 4:45 p.m., GSF (15.14); 6:00 p.m., GSE (11.86).
 SPANISH: 8:00 a.m., GSV (17.81); 4:30 p.m., GSF (15.14); 8:00 p.m., GSC (9.58).

at 3:15 p.m. CST over DJD (11.75) and DXB (9.61). The London announcers get off a pretty good joke now and then also, as for example that one about a decree that was supposed to have been passed in Germany prohibiting anyone naming their race-horses Adolf, Herman or Ribbentrop for fear they might come in trailing the field as "also rans."

FAMOUS ARTISTS TO APPEAR ON NBC INTERNATIONAL PROGRAMS: One of the most famous coloratura sopranos, Margarita Salvi, who has been warmly praised by the critics throughout Europe and the western hemisphere, will sing over WRCA (9.67) of New York City on Saturday, May 18, at 8:30 p.m. CST . . . Maria Carreras, brilliant Italian pianist, will be heard over WNBI (17.78) of New York City on Tuesday, May 21, at 12:30 p.m. CST.

11 p.m.—Little America—NBC pick-up from Byrd Expedition: KR7K (12.862 or 17.31)

Sunday, May 19

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"Dispatch from the Front": GSV (17.81)

9 a.m.—London—Variety show, "In Town Tonight": GSV (17.81)

10:40 a.m.—Paris—Marion Dix interviews famous Parisians (English): Paris Mondial (15.24)

7:25 p.m.—Holland—Program for North American listeners: PCJ (9.59)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRO, Canada	6.15	TGWA, Guatemala	9.685, 15.17
COK, Cuba	11.57		6.195
CR7BE, Mozambique	9.71	TG2, Guatemala	15.24
CSW7, Portugal	9.735	TPA4, Paris	11.718
DJB, Germany	15.20	TPC8, "	11.845
DJD, "	11.77	TPB, France	15.13
DJL, "	15.11	TPC, "	9.62
DXB, "	9.61	VLQ5, Australia	9.68
EAQ, Spain	9.86	VLR, "	9.68
GRX, England	9.69	VLW3, "	9.645
GSD, "	9.58	WCB, Philadelphia	15.27
GSP, "	11.75	Pa., 6.06, 9.59, 15.27	
GST, "	15.14	WCBX, New York City	11.83
GSG, "	17.79		6.17, 6.12
GSH, "	21.47	WDJM, Miami, Fla.	6.04
GSI, "	15.28	WGEA, Schenectady	9.67
GSP, "	21.58	N.Y. 21.50, 15.33, 9.59	
GSV, "	17.81	N.Y.	9.63
HAT5, Hungary	9.625	WLWO, Cincinnati	6.08
HBJ, Switzerland	14.535	Ohio	6.100, 17.78
HCJB, Ecuador	12.46	WNBI, New York City	15.19
HJCT, Colombia	9.63		11.87, 5.14
HP5G, Panama	11.78	WPIT, Pittsburgh, Pa.	9.67
HVJ, Vatican City	9.66	WRCA, N.Y. City	9.67
JL82, Japan	17.845	WRUL-WRUL	11.79, 11.79
JZJ, "	11.80	Boston, Mass.	15.13, 11.79, 11.73, 6.04
JZK, "	15.16		7.38
KEGI, San Francisco, Calif.	9.63, 15.33	XEOR, Mexico	9.50
KHE, Hawaii	17.97	XEWV, "	15.19
MTCY, Manchukuo	11.78	XGOV, China	9.64
OIE, Finland	15.19	XGOV, "	15.24
PCJ, Holland	9.59, 15.22	YUG, Yugoslavia	9.63
RAN, U.S.S.R.	9.60	2R03, Italy	11.81
RNE, "	12.00	2R04, "	15.30
RV96, "	6.03, 15.18	2R06, "	17.82
SBP, Sweden	11.705	2R08, "	9.67
SBT, "	15.155	2R09, "	7.22
TAP, Turkey	9.465	2R011, "	11.76
TAQ, "	15.195	2R015, "	

7:40 p.m.—Rome—Opera, "Fedora": 2R04 (11.81) 2R06 (15.30)

7:45 p.m.—Berlin—English talk: DXB (9.61)

8:15 p.m.—Rome—English talk about current happenings in Rome: 2R04 (11.81) 2R06 (15.30)

Monday, May 20

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—Talk, "Under Nazi Rule": GSV (17.81)

5:30 p.m.—London—Talk, "The Empire at War": GSD (11.75)

7:30 p.m.—Berlin—Letters to Harry: DJD (11.77) DJB (15.20)

7:45 p.m.—Switzerland—Program of folk and popular music, news and political talks: HBJ (14.535)

8:50 p.m.—Rome—ZRO's Mail Mag: 2R04 (11.81) 2R06 (15.30)

Tuesday, May 21

For programs broadcast daily see Daily Programs (Col. 1)

9 a.m.—London—Talk, "In England Now": GSV (17.81)

1:15 p.m. (Tues., Thurs., Sat.)—Lisbon—Program for English listeners, including music, variety and topical talks in English: CSW7 (9.74)

4:45 p.m.—London—Talk, "In England Now": GSD (11.75) GSC (9.58)

6:30 p.m.—Budapest—Traveler's news (English): HAT5 (9.625)

7 p.m.—London—Talk, "Cards on the Table": GSD (11.75)

7:45 p.m.—Holland—Music, English talks and humor for American listeners: PCJ (9.59)

9 p.m.—London—Talk, "Under Nazi Rule": GSD (11.75)

Wednesday, May 22

For programs broadcast daily see Daily Programs (Col. 1)

4:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)

5:30 p.m.—London—Talk, "Political India": GSD (11.75)

7:25 p.m.—Holland—Happy Program for North American listeners: PCJ (9.59)

7:45 p.m.—Switzerland—Program of folk-music, symphonic music, political talks and news with announcements in English, for North American listeners: HBJ (14.535)

8 p.m.—Berlin—English talk, "Matters of Moment": DJD (11.77)

Thursday, May 23

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"Life in France Today": GSV (17.81)

7 p.m.—London—Talk, "Background to the News": GSD (11.75)

7:30 p.m.—Vatican City—Catholic news for listeners in North America: HVJ (9.66)

8:15 p.m.—Rome—"Roman Landmarks": 2R04 (11.81) 2R06 (15.30)

Friday, May 24

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"World Affairs," Wickham Steed: GSV (17.81)

9 a.m.—London—Talk, "In England Now": GSV (17.81)

4:45 p.m.—London—Talk, "In England Now": GSD (11.75)

7:15 p.m.—Paris—"The Woman's Side of the War": Paris Mondial (9.52, 11.845)

7:15 p.m.—London—"At the Black Dog": GSD (11.75)

8:15 p.m.—Rome—English talk on "Home Spun Textiles": 2R04 (11.81) 2R06 (15.30)

9:30 p.m.—Schenectady—News, music, personal messages and greetings to members of Byrd Antarctic Expedition at Little America; also to include pick-up direct from Byrd Expedition: WGE0 (9.53) KR7K (12.862)

European News in English

Daily Morning		CITY	STATION	DIAL
CST	CDT			
5:30 a.m.	6:30 a.m.	London	GSG	17.79
5:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
7:00 a.m.	8:00 a.m.	Paris	TPA2	15.24
7:15 a.m.	8:15 a.m.	London	GSV	17.81
7:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
9:40 a.m.	10:40 a.m.	Rome	2R08	17.82
10:00 a.m.	11:00 a.m.	London	GSV	17.81
10:15 a.m.	11:15 a.m.	Berlin	DJB	15.20
10:30 a.m.	11:30 a.m.	Paris	TPA2	15.24
			TPC8	11.845

Daily Afternoon		CITY	STATION	DIAL
CST	CDT			
12:00 noon	1:00 p.m.	London	GSI	15.26
12:20 p.m.	1:20 p.m.	Finland	OIE	15.19
1:25 p.m.	2:25 p.m.	Rome	2R04	11.81
			2R06	15.30
1:30 p.m.	2:30 p.m.	Paris	TPA4	15.24
2:50 p.m.	3:50 p.m.	London	GSD	11.75
			GSP	15.31
3:45 p.m.	4:45 p.m.	London	GSD	11.75
			GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
5:50 p.m.	6:50 p.m.	Budapest	HAT5	9.625

Daily Evening		CITY	STATION	DIAL
CST	CDT			
6:30 p.m.	7:30 p.m.	London	GSD	11.75
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	8:00 p.m.	Stockholm	SBP	11.705
			SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
			DXJ	7.24
7:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
			TPC	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R06	15.30
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
			DJD	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
10:45 p.m.	11:45 p.m.	Paris	TPC	9.52
11:00 p.m.	12:00 mid.	Berlin	DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:35 a.m.	1:35 a.m.	Rome	2R03	9.63

Daily Programs, Sat., May 25, through Fri., May 31

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
6:45 a.m.	Paris	North American broadcast: TPA2 (15.24)	
7:50 a.m.	Perth, W. Australia	War news from Australia (English): VLW2 (9.645)	
9:30 a.m.	Saigon	Special program for North America, including music and news: (11.78)	
10 and 11 a.m.	NBC's	international news (English): WNBI (17.78)	
10:10 a.m.	Berlin	Variety music and propaganda talks in English, for North America: DJB (15.2)	
10:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": (11.845, 15.24)	
2 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30) 2R04 (11.81)	
2:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DXB (9.61)	
3:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20)	
3:50 p.m.	Berlin	Evening program for North America: DJB (15.20) DJD (11.77)	
4:15 p.m.	Berlin	Propaganda talk in English: DJI (7.29)	
5 p.m.	Quito, Ecuador	English program, "Ecuadorian Echoes": HCJB (12.46)	
5:30 p.m.	Martini	News (English): (9.705)	
5:35 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT5 (9.625)	
6 p.m.	Panama, City	George Williams' English "Radio Newspaper": HP5G (11.78)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18) RKT (15.04)	
7 p.m.	Paris	Talks, music, plays and news in English, for North America: (9.52, 11.845)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155) SBP (11.705)	
7:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R06 (15.3)	
8 p.m.	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)	

Saturday, May 25

1 p.m.	Boston	Dutch Goodwill program: WRUL (15.25, 11.79)
4:30 p.m.	Berlin	"U. S. and Germany": DJB (15.20), DJD (11.77)
5:30 p.m.	Berlin	Famous German dance bands: DJB (15.20) DJD (11.77)

Special for Pacific Coast

9:30 a.m. daily	Sydney, Australia	Special program: (10 a.m.) News: VLQ5 (9.68)
11:40 p.m. daily	Tokyo	English talk about current affairs in Japan: JZJ (11.80)
11:45 p.m. daily	Paris	Variety program: Paris Mondial (9.52)
12 mid. daily	Rome	Special program: 2R03 (9.63)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

SHORT WAVE IN THE LOWLAND COUNTRIES

THE war in Europe, like a gruesome, floundering octopus, has clutched the traditionally peaceful and neutral countries of Holland, Belgium and Luxemburg in its greedy tentacles. With the inclusion of this new territory in the war zone, I consider it timely to review briefly short-wave broadcasting activities in these countries and indicate just what your chances are of picking up transmissions direct from the new fronts.

In Luxemburg, the Compagnie Luxembourgeoise de Radiodiffusion operated for several years a 200,000-watt long-wave broadcast station, one of the most powerful in the world. About a year ago this organization installed a low-power short-wave transmitter and instituted test transmissions on various frequencies, including 15.35, 11.782, 9.527 and 6.09 meg. The aim was to eventually replace this experimental station with a powerful international transmitter which would relay the programs of the long-wave station. In the meantime the war started in September and the mother station was closed down. The short-wave station, however, continued to operate irregularly until November and was heard by many listeners in this country. While the chances of hearing this station are slight, it may be pressed into emergency use by the Nazis now occupying this sector.

The government of Belgium has for several years been directing transmissions to the Belgian Congo over ORK (10.33), a low-power station located at Ruysselede. These broadcasts (up to the present crisis) radiated daily from 12:30 to 2:00 p.m. CST, consisted of music during the first hour, news in Flemish at 1:30, and news in French at 1:45 p.m. CST. The station has been heard irregularly in this country. Meanwhile, ORY (11.72), a new 40,000-watt government short-wave station, had just been completed and was to have been put into operation about the time hostilities started in Belgium. Your

guess is as good as mine as to whether it will be the Allies or the Germans that will actually put this new station on the air. Its frequency of 11.72 meg is the same as that occupied by CJRX, Winnipeg, Canada.

At Huizen, Holland, on the southern shores of the Zuider Zee, in Allied hands at the time of writing but likely to fall into Nazi hands at any moment, stand the huge rotating aerials of PCJ and the several fixed directional aerials of PHI, the powerful broadcasting twins of the Philips Radio Works at Eindhoven. These pioneer stations are known to short-wave listeners in all parts of the world, and only a few weeks ago I devoted this space to a description of these stations and their popular multilingual announcer, Eddy Startz. Transmissions to North America, which have always been built around a good-will and happiness theme, and have avoided any war propaganda, have been coming over regularly as follows: Over PCJ (9.59) Sundays from 7:25 to 8:50 p.m.; Tuesdays from 7:45 to 8:45 p.m., and on Wednesdays from 7:25 to 7:40 p.m. CST. At the time of writing, these broadcasts are still on the air, although severe fighting is going on in that immediate vicinity.

Within the last few months powerful short-wave stations in Austria, Czechoslovakia, Poland, Denmark and Norway have all fallen into Nazi hands, while the present status of the stations in Belgium and Holland is in doubt. The Allies on the other hand have added only short-wave transmitter TFJ (12.235), in Iceland. Capture of enemy short-wave stations has become a vital factor in this strange war because it increases the number of propaganda outlets for the victorious and, at the same time, silences counter-propaganda broadcasts. Short-wave stations, because of their usefulness, are avoided in bombing raids, which might damage delicate equipment that might later be used by the enemy for its own purposes.

THE LATEST FROM EUROPE: Announcing as "The British Broadcasting Corporation" but believed to be located less than one hundred miles from Berlin, Germany, and obviously a new weapon of the powerful Nazi propaganda machine, a station is broadcasting week-days at 3:30 p.m. and on Sundays at 2:30 p.m. CST on a frequency of 5.925 meg. The broadcasts attempt to undermine the morale of the British people and always end with this statement, "When the time comes, we, the British people, will give the government a fitting answer." According to reports from

London listeners, this station comes in with tremendous volume... DZH (14.46), Berlin, is now broadcasting nightly to Latin America from 3:50 to 9:50 p.m. CST... John Shanks of Russellville, Tenn., reports that TAQ (15.193) at Ankara, Turkey, is now being heard mornings to 6:45 or 7:30 a.m. CST. A woman announcer gives the news in English at 6:15 a.m. CST... The Vatican City broadcasts for North America are now being broadcast Sundays and Thursdays from 7:30 to 8:00 p.m. CST over HVJ on a summer frequency of 11.74 meg.

7:15 p.m.	London	"Dispatch from the Front": GSD (11.75)
8:15 p.m.	Paris	"Reflections of Paris": Paris Mondial (9.52, 11.845, 11.718)
9:15 p.m.	London	"In Town Tonight": GSD (11.75)
9:45 p.m.	London	"London Log": GSD (11.75)
11:15 p.m.	Little America	CBS pickup from Byrd Expedition: KRTK (12.862)

Sunday, May 26

9 a.m.	London	Variety show, "In Town Tonight": GSV (17.81)
10:40 a.m.	Paris	Marion Dix interviews famous Parisians (English): Paris Mondial (15.24)
3:30 p.m.	Rome	Advance program notices, and Listener's Corner (English): 2R04 (11.81) 2R06 (15.30)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRX, Canada	11.72	TGWA, Guatemala	9.885, 15.17
CSW7, Portugal	9.735		6.195
DJB, Germany	15.20	TG2, Guatemala	15.24
DJD, "	11.77	TPA2, France	15.24
DJL, "	15.11	TPA4, Paris	11.718
DXB, "	9.61	TPCS, "	11.845
EAQ, Spain	9.88	TPB, France	15.13
GRX, England	9.69	TPC, "	9.62
GSE, "	9.51	VLQ5, Australia	9.68
GSD, "	9.58	VLK, "	9.58
GSD, "	11.78	VLW3, "	9.645
GSP, "	15.14	WCAB, Philadelphia,	
GSG, "	17.79	Pa.	6.06, 9.59, 15.27
GSH, "	21.47	WCBX, New York City	
GSI, "	15.26		21.57, 15.27, 11.83
GSI, "	21.58		9.65, 6.17, 6.12
GSP, "	15.31	WDJM, Miami, Fla.	6.04
GSV, "	17.81	WGEA, Schenectady,	
HAT5, Hungary	9.625	N.Y.	21.50, 15.38, 9.65
HBJ, Switzerland	14.535	WGEQ, Schenectady,	
HCJB, Ecuador	12.46	N.Y.	9.63
HJCT, Colombia	9.63	WLWO, Cincinnati,	
HP5A, Panama	11.70	Ohio	9.59, 6.06
HP5G, "	11.78	WNBI, New York City	
HVJ, Vatican City	11.74		6.100, 17.78
JLS2, Japan	17.845	WPIT, Pittsburgh, Pa.	
JZJ, "	11.80		21.54, 15.21, 11.87, 6.14
JZK, "	15.16	WRCA, N.Y. City	9.67
KGEL, San Francisco,		WRUL-WRUW,	
Calif.	9.63, 15.33	Boston, Mass.	
KHE, Hawaii	17.97		15.25, 15.13, 11.79
KIO, "	11.68		11.73, 6.04
MTGY, Manchukuo	11.78	XECR, Mexico	7.38
OIE, Finland	15.19	XEWW, "	9.50
ORK, Belgium	10.33	XGOX, China	15.19
ORY, "	11.72	XGOY, "	9.64
PCJ, Holland	9.59, 15.22	YUG, Yugoslavia	15.24
RAN, U.S.S.R.	9.60	2R03, Italy	9.63
RNE, "	12.00	2R04, "	11.81
RV96, "	6.03, 15.18	2R06, "	15.30
SBP, Sweden	11.706	2R08, "	17.82
SBT, "	15.155	2R09, "	9.62
TAP, Turkey	9.465	2R011, "	7.22
TAQ, "	15.195	2R016, "	11.76

7:25 p.m.	Holland	Program for North American listeners: PCJ (9.59)
7:30 p.m.	Vatican City	Catholic news for North American listeners: HVJ (11.74)
7:40 p.m.	Rome	Opera, "Barber of Seville": 2R06 (15.30) 2R04 (11.81)
7:45 p.m.	Berlin	English talk: DXB (9.61)
8:15 p.m.	Rome	English talk about current happenings in Rome: 2R04 (11.81) 2R06 (15.3)

Monday, May 27

5:30 p.m.	London	Talk, "The Empire at War": GSD (11.75)
7:30 p.m.	Berlin	Letter to Harry, by Lord Haw Haw: DJB (15.20) DJD (11.77)
7:45 p.m.	Switzerland	Program of folk and popular music, latest war news and political talks: HBJ (14.535)
9 p.m.	Guatemala	Military Band Concert: TGWA (9.685)

Tuesday, May 28

9 a.m.	London	Talk, "In England Now": GSV (17.81)
1:15 p.m. (Tues., Thurs., Sat.)	Lisbon	Program for English listeners, including music, variety and topical talks in English: CSW7 (9.74)
4:45 p.m.	London	Talk, "In England Now": GSD (11.75) GSC (9.58)
7 p.m.	London	Talk, "Cards on the Table": GSD (11.75)
7:30 p.m.	Tokyo	English talk on current happenings in Japan: JZK (15.16)
7:45 p.m.	Holland	Program for North America: PCJ (9.59)
9 p.m.	London	Talk, "I Believe in Democracy": GSD (11.75)
9:50 p.m.	Berlin	Topical talk by Lord Haw Haw: DJD (11.77)

Wednesday, May 29

7:40 a.m.	Holland	International variety program for English listeners: PCJ (15.22)
4:45 p.m.	London	Talk, "Matters of Moment": GSD (11.75)
6:30 p.m.	Budapest	Hungarian English news letter: HAT5 (9.625)
7:25 p.m.	Holland	Program for North American listeners: PCJ (9.59)
7:45 p.m.	Switzerland	Program of folk-music, symphonic music, political talks and news, with announcements in English, for North American listeners: HBJ (14.535)
8:15 p.m.	Berlin	English talk, "Matters of Moment": DJD (11.77)
8:30 p.m.	Berlin	Political cabaret with Charlie: DJD (11.77)

Thursday, May 30

9 a.m.	London	"Background to the News": GSV (17.81)
7 p.m.	London	Talk, "Background to the News": GSD (11.75)
7:30 p.m.	Vatican City	Catholic news for listeners in North America: HVJ (11.74)
7:45 p.m.	London	"News from Scotland": GSD (11.75)

Friday, May 31

9 a.m.	London	Talk, "In England Now": GSV (17.81)
5:30 p.m.	London	Talk, "In England Now": GSD (11.75)
7:15 p.m.	Paris	"The Woman's Side of the War": Paris Mondial (9.52, 11.845)
7:15 p.m.	London	"At the Black Dog": GSD (11.75)
7:30 p.m.	Rome	English talk, "Tons and Tons of Paper": 2R04 (11.81) 2R06 (15.30)

European News in English

Daily Morning		CITY	STATION	DIAL
5:30 a.m.	6:30 a.m.	London	GSG	17.79
5:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
7:00 a.m.	8:00 a.m.	Paris	TPC5	15.24
7:15 a.m.	8:15 a.m.	London	GSV	17.81
7:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
9:40 a.m.	10:40 a.m.	Rome	2R08	17.82
10:00 a.m.	11:00 a.m.	London	GSV	17.81
10:15 a.m.	11:15 a.m.	Berlin	DJB	15.20
10:30 a.m.	11:30 a.m.	Paris	TPC5	15.24
			TPB8	11.845

Daily Afternoon		CITY	STATION	DIAL
12:00 noon	1:00 p.m.	London	GS1	15.26
1:15 p.m.	2:15 p.m.	Rome	2R06	15.30
1:30 p.m.	2:30 p.m.	Paris	TPC5	15.24
2:50 p.m.	3:50 p.m.	London	GSP	15.31
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
5:50 p.m.	6:50 p.m.	Budapest	HAT5	9.625

Daily Evening		CITY	STATION	DIAL
6:30 p.m.	7:30 p.m.	London	GSD	11.75
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	8:00 p.m.	Stock'm	SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
7:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
			TPC13	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
			DJD	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
10:45 p.m.	11:45 p.m.	Paris	TPC13	9.52
11:00 p.m.	12:00 mid.	Berlin	DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	2R03	9.63

Daily Programs, Sat., June 8, through Fri., June 14

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
5:30 a.m.	Berlin	Variety program for North American listeners: DJB (15.11)	
6 a.m.	Sydney, Australia	Broadcast for East Coast North American listeners; (6:30 a.m.) News (English): VLQ5 (9.68)	
6:15 a.m.	Ankara, Turkey	News (English): TAQ (15.19)	
7:50 a.m.	Perth, W. Australia	War news from Australia (English): VLW2 (9.645)	
10:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": TPB8 (11.845) TPC5 (15.24)	
1:15 p.m.	Berlin	English talk on war situation: DJL (15.11)	
2:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
3 p.m.	New York City	News (French, German, Italian, Polish): WCBX (15.27)	
3:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
4 & 7 p.m.	New York City	Spanish Hour: WNBI (17.78) WRCA (9.67)	
4:45 p.m. (ex. Sat., Sun.)		Lowell Thomas, news: WLWO (6.06 or 9.59)	
5:35 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT5 (9.625)	
6 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
6:30 p.m.	Martinique	News (English): (9.705)	
7 p.m.	Paris	Talks, music, plays and news in English for North America: TPC13 (9.52) TPB8 (11.845)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155)	
8 p.m.	Berlin	English talk, "Matters of Moment": DJB (15.20) DJL (11.77)	
8 p.m.	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)	

Saturday, June 8

4:30 p.m.	Berlin	"U. S. and Germany": DJB (15.20) DJL (11.77)
4:45 p.m.	London	"London Log": GSD (11.75)
6:15 p.m.	Budapest	Hungarian-English news letter: HAT5 (9.625)
7:15 p.m.	London	"Dispatch from the Front": GSD (11.75)
7:40 p.m.	Rome	Opera, "L'Amico Fritz": 2R04 (11.81) 2R08 (17.82)
8:15 p.m.	Paris	"Reflections of Paris": TPC13 (9.52) TPB8 (11.845)

Special for Pacific Coast

9:30 a.m. daily	Sydney, Australia	Broadcast for Pacific Coast listeners; (10 a.m.) News (English): VLQ5 (9.68)
11:03 p.m. daily	Tokyo	News (English): JZK (15.16)
12 mid. daily	Paris	Variety program for West Coast: TPC13 (9.52)
12 mid. daily	Rome	Program for Pacific regions: 2R03 (9.63)
12:30 a.m. daily	HsinKing	English program from Manchukuo for Pacific Coast listeners; (1 a.m.) News (English): MTCY (11.78)
2 a.m. daily	Suva, Fiji	South Seas program for Pacific Coast: VPD2 (9.535)

On Short Waves
Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries—subject to change without notice

"THE VOICE OF THE BRITISH EMPIRE"

GERMANY will attempt to invade England soon, perhaps before this column reaches print. One of the first objectives of the campaign will be the occupation of the tiny countryside village of Daventry, for this is the site from which the voice of the British Empire originates. Already this peaceful pastoral scene has taken on the aspects of an armed military camp, with barricades everywhere, fully armed troops patrolling the grounds and anti-aircraft guns and other protective devices ready for the first signs of the attack, which will probably come in the form of parachute troops. Should Daventry with its seven powerful transmitters and acre upon acre of directive antennae fall into the hands of the enemy it would be a tremendous blow to the Empire, for at one blow the Nazis would have succeeded in cutting off vital communications between England and the peoples of her vast colonial empire. As soon as England is invaded, programs from Daventry will undoubtedly be set up on an hour-to-hour emergency basis, with all regular program material replaced with constant running accounts of the succession of events as they transpire. It will be vital that London keep in contact with her widely scattered peoples at this time. Journalists, commentators, English nationals abroad and ordinary listeners the world over will be straining their ears for every scrap of news from London. In order that you may have all possible information concerning London's transmissions, I am including herewith the complete schedule of daily broadcasts. Those transmitters whose aeriels are directed towards North America or Canada will be heard best, but depending upon weather conditions other transmitters may also be heard very well. Cut this schedule out and retain it for constant reference (Time is central standard.)

TRANSMISSION 1

10:55 p.m. to 2:15 a.m. NEWS—at 12:15 and 2 a.m.

South America and New Zealand	GSB	9.51
Australia	GSD	11.75
	GSE	9.51
Near East	GSP	15.31
Oceania and West Africa	GSI	15.26

THE NEWS IN GENERAL: The Westinghouse Electric & Mfg. Co. has been granted a construction permit to move International Broadcast Station WPIT to Hull, Mass., from its present location at Pittsburgh, Pa., and increase the power from 40,000 to 50,000 watts. Gradually all of our great United States short-wave centers are being concentrated along the Atlantic Coast, where they would be most

9:15 p.m.—London—"In Town Tonight": GSD (11.75)

12 mid.—Cleveland—Latest short-wave notes and tips: WTAM (1070 kilocycles)

Sunday, June 9

7 a.m.—New York City—News from Europe: WCBX (17.83)

7:30 a.m.—London—"Dispatch from the Front": GSV (17.81)

TRANSMISSION 2

4:40 to 7:45 a.m. NEWS—at 5:30 and 7:15 a.m.

Africa	GSH	21.47
Eastern Canada and North America (from 6:00 a.m.)	GSV	17.81
Far East	GSP	15.14
India, Malaya and Australia	GSI	21.53
	GSG	17.79
South America	GST	21.55

TRANSMISSION 3

8:00 to 10:30 a.m. NEWS—at 10:00 a.m.

Far East	GSP	15.14
India, Malaya and West Australia	GSP	15.14
(to 9:15 a.m.)	GSG	17.79
(from 9:30 a.m.)	GSD	11.75
Africa (to 10:45 a.m.)	GSV	17.81
South America (to 8:15 a.m.)	GST	21.55
West Indies (from 8:20 a.m.)	GSI	21.55
Eastern Canada and North America	GSV	17.81

TRANSMISSION 4

10:52 a.m. to 2:30 p.m. NEWS—at 12:00 noon

Africa and New Zealand	GSD	11.75
Africa (from 11:00 a.m.)	GSI	15.26
(from 12:30 p.m.)	GSC	9.58
East Africa and Near East	GSP	15.14
North America (from 12:45 p.m.)	GSV	17.81

TRANSMISSION 4

2:50 to 5:00 p.m. NEWS—at 2:50 and 3:45 p.m.

Africa	GSC	9.58
Eastern Canada and North America	GSP	15.31
South America	GSP	15.14
West Indies	GSP	15.14

TRANSMISSION 5

5:24 to 8:15 p.m. NEWS—at 6:30 p.m.

Eastern Canada and North America	GSD	11.75
	GSC	9.58
South America	GSE	11.86
	GSP	15.14
West Indies	GSB	9.51

TRANSMISSION 6

8:37 to 10:30 p.m. NEWS—at 8:45 and 10:00 p.m.

Eastern Canada and North America	GSC	9.58
Western Canada	GSD	11.75
	GSC	9.58
South America and West Indies	GSB	9.51

HVJ, "Radio Vaticano," Vatican City, now broadcasts to North America in English Sundays and Thursdays from 7:30 to 7:50 p.m. CST . . . Paris broadcasts to North America, according to the following revised schedule: 6:30 to 7:30 a.m. over TPC5 (15.24); from 10:30 to 11:30 a.m. over TPB8 (11.845) and TPC5 (15.24); from 7:00 to 11:55 p.m. over TPB8 (11.845) and TPC13 (9.52) and from 12:00 mid. to 1:00 a.m. CST over TPC13 (9.52). Watch for a complete schedule of the transmissions of Paris Mondial similar to the one printed in this issue for London.

vulnerable in case of an attack on this country . . . Designed for reception in this country, short-wave station COCW (6.33) of Havana, Cuba, is now broadcasting an all-English variety program, including international news-cast, nightly from 9:00 to 10:00 p.m. CST. Reception reports are welcome and should be sent to Miguel Angel Alonso, Radio Mercury, Estacion CMW, Prado 550, Havana, Cuba.

9 a.m.—London—Variety show, "In Town Tonight": GSV (17.81)

5 p.m.—New York City—The World This Week: WCBX (11.83)

6:15 p.m.—San Francisco—European flashes: KGEI (15.33)

7:30 p.m.—Vatican City—Catholic news for North American listeners: HVJ (11.74)

7:30 p.m.—Tokyo—English talk on current activities in Japan: JLS2 (17.845)

7:30 p.m.—Rome—English talk about current

Important Stations

(Megacycles or thousands of kilocycles shown)	
CJRX, Canada	11.78 TP44, Paris 11.718
CSWT, Portugal	9.735 TPBS, France 11.845
DJB, Germany	15.20 TPC5, " 15.24
DJD, " "	11.77 TPC13, " 9.52
DJL, " "	15.11 VLQ5, Australia 9.68
DXB, " "	9.61 VLR, " 9.68
EAQ, Spain	9.88 VLW3, " 9.640
GRX, England	9.89 WCAB, Philadelphia, Pa. 6.06, 9.59, 15.27
G8B, " "	9.61 WCBX, New York City 21.57, 15.27, 11.93
G8C, " "	9.58 WCEB, New York City 9.68, 6.17, 6.12
GSD, " "	11.75 " " " " " " " " " " " "
GSE, " "	15.14 " " " " " " " " " " " "
GSG, " "	17.79 WDJM, Miami, Fla. 6.04
GSH, " "	21.47 WGEA, Schenectady, N.Y. 21.50, 15.33, 9.50
GSI, " "	15.26 " " " " " " " " " " " "
GSP, " "	21.53 WGEQ, Schenectady, N.Y. " " " " " " " " " " " "
GSS, " "	18.31 " " " " " " " " " " " "
GST, " "	17.81 WLWO, Cincinnati, Ohio 9.69, 6.06
HAT5, Hungary	9.625 WNBI, New York City 6.100, 17.78
HBJ, Switzerland	14.535 WPIT, Pittsburgh, Pa. 11.81
HCJB, Ecuador	12.46 " " " " " " " " " " " "
HJCT, Colombia	9.63 WRCA, N. Y. City 9.67
HP5A, Panama	11.70 " " " " " " " " " " " "
HP5G, " "	11.78 " " " " " " " " " " " "
HVJ, Vatican City	11.74 WRUL-WRUW, Boston, Mass. 15.25, 15.13, 11.79
JLS2, Japan	17.845 " " " " " " " " " " " "
JZJ, " "	11.80 " " " " " " " " " " " "
JZK, " "	15.16 " " " " " " " " " " " "
KGEI, San Francisco, Calif.	9.53, 15.33 XEWW, Mexico 9.50
KHE, Hawaii	17.97 XGOX, China 15.19
KIO, " "	11.68 XGOY, " 9.64
MTCY, Manchukuo	11.78 YUG, Yugoslavia 15.24
RV96, " "	6.03 " " " " " " " " " " " "
SBT, Sweden	15.155 2R04, " 11.81
SBT, Turkey	9.468 2R06, " 15.30
TAQ, " "	15.198 2R08, " 17.82
TGWA, Guatemala	9.685 15.17 2R011, " 9.67
TPB8, " "	11.845 2R015, " 11.78

happenings in Rome: 2R08 (17.82) 2R04 (11.81)

Monday, June 10

5:30 p.m.	London	English talk, "The Empire at War": GSD (11.75)
5:30 p.m.	Martinique	English Hour: (9.705)
5:50 p.m.	Budapest	Hungarian folk-songs: HAT5 (9.625)
7:40 p.m.	Rome	Florentine songs: 2R08 (17.82) 2R04 (11.81)
7:45 p.m.	Berlin	Letter to Harry by Lord Haw: DJB (15.20) DJL (11.77)
7:45 p.m.	Switzerland	Program of folk and popular music; latest war news and political talks: HBJ (14.535)
9 p.m.	Guatemala	Concert of First Military Band: TGWA (9.685)

Tuesday, June 11

9 a.m.	London	Talk, "Background to the News": GSV (17.81)
11:30 a.m.	New York City	Arch Oboler's Plays: WNBI (17.78)
4:45 p.m.	London	Talk, "Background to the News": GSD (11.75)
7 p.m.	London	Talk, "Cards on the Table": GSD (11.75)
7:30 p.m.	Tokyo	English talk on current happenings in Japan: JLS2 (17.845)
7:40 p.m.	Rome	EIAR Symphony Orchestra: 2R04 (11.81) 2R08 (17.82)
9 p.m.	London	Talk, "I Believe in Democracy": GSD (11.75)
9:50 p.m.	Berlin	Topical talk by Lord Haw: DJL (11.77)

Wednesday, June 12

9 a.m.	London	"Matters of Moment": GSV (17.81)
4:45 p.m.	London	Talk, "Matters of Moment": GSD (11.75)
5:30 p.m.	Boston	Round Table on American and World Affairs: WRUL (11.79)
5:30 p.m.	Martinique	English Hour: (9.705)
5:50 p.m.	Budapest	Strauss Waltzes: HAT5 (9.625)
7:40 p.m.	Rome	"Around Italy with Music": 2R04 (11.81) 2R08 (17.82)
8:30 p.m.	Berlin	Political cabaret with Charlie: DJL (11.77)
9:15 p.m.	Guatemala	Radio Theater: TGWA (9.685)

Thursday, June 13

7:30 a.m.	London	"Life in France Today": GSV (17.81)
9 a.m.	London	"Background to the News": GSV (17.81)
12:30 p.m.	Schenectady	U. S. Marine Band: WGEA (15.33)
6:15 p.m.	Budapest	Violin recital: HAT5 (9.625)
7 p.m.	London	Talk, "Background to the News": GSD (11.75)
7:30 p.m.	Rome	English talk, "Roman Landmarks": 2R08 (17.82) 2R04 (11.81)

Friday, June 14

7:30 a.m.	London	"World Affairs": GSV (17.81)
4:30 p.m.	Jamaica	News (English): ZQ1 (4.75)
5:10 p.m.	Lisbon	Variety show:

European News in English

Daily Morning		CITY	STATION	DIAL
CST	CDT			
5:30 a.m.	6:30 a.m.	London	GSG	17.79
5:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
7:00 a.m.	8:00 a.m.	Paris	TPC5	15.24
7:15 a.m.	8:15 a.m.	London	GSV	17.81
7:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
9:40 a.m.	10:40 a.m.	Rome	2R08	17.82
10:00 a.m.	11:00 a.m.	London	GSV	17.81
10:15 a.m.	11:15 a.m.	Berlin	DJB	15.20
10:30 a.m.	11:30 a.m.	Paris	TPC5	15.24
			TPB8	11.845

Daily Afternoon		CITY	STATION	DIAL
12:00 noon	1:00 p.m.	London	GSI	15.26
1:15 p.m.	2:15 p.m.	Rome	2R06	15.30
1:30 p.m.	2:30 p.m.	Paris	TPC5	15.24
2:50 p.m.	3:50 p.m.	London	GSP	15.31
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77

Daily Evening		CITY	STATION	DIAL
6:30 p.m.	7:30 p.m.	London	GSD	11.75
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	8:00 p.m.	Stockholm	SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DJB	15.20
			DJB	15.20
7:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
			TPC13	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
			DJD	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
10:45 p.m.	11:45 p.m.	Paris	TPC13	9.52
11:00 p.m.	12:00 mid.	Berlin	DJD	11.77
			DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	2R03	9.63
			2R06	15.30

Daily Programs, Sat., June 15, through Fri., June 21

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
6 a.m.	Sydney, Australia	Broadcast for East Coast North American listeners; (6:30 a.m.) News (English); VLQ5 (9.68)	
6:30 a.m.	Melbourne, Australia	Department of Information program: VLR (9.58)	
6:45 a.m.	Paris	North American broadcast: TPC5 (15.24)	
10 & 11 a.m.	NBC international news (English): WNBI (17.78)		
10:10 a.m.	Berlin	Variety and propaganda talks in English, for North America: DJB (15.20)	
10:30 a.m.	Paris	North American broadcast, including talk, "Life in Paris": TPB8 (11.845) TPC5 (15.24)	
11:30 a.m. (ex. Sat., Sun.)	New York City	News, Kaltenborn: WPIT (11.87)	
1:15 p.m.	Berlin	English talk on war situation: DJL (15.11)	
2 p.m.	Rome	Evening concert with English announcements: 2R06 (15.30) 2R04 (11.81)	
2:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
3:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
3:30 p.m.	Rome	Listener's Corner (English): 2R06 (15.30) 2R04 (11.81)	
3:30 p.m. (ex. Sun.)		War news from anti-British mystery station: (11.96)	
3:50 p.m.	Berlin	Evening program for North America: DJB (15.20) DJD (11.77) DJZ (11.797)	
4:45 p.m. (ex. Sat., Sun.)	Lowell Thomas, news: WLWO (6.06 or 9.59)		
4:45 p.m.	Philadelphia	News reports from Europe: WCAB (6.06 or 9.59)	
5:30 p.m.	Panama	News (English): HP5A (11.70)	
6 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18) RKI (15.04)	
6:55 p.m.	New York City	Elmer Davis, news: WCBX (11.83) WCAB (6.06 or 9.59)	
7 p.m.	Paris	Talks, music, plays and news in English for North America: TPC13 (9.52) TPB8 (11.845)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155)	
7:15 p.m.	Rome	"American Hour" for listeners in North America: 2R04 (11.81) 2R08 (17.82)	

Saturday, June 15

For programs broadcast daily see Daily Programs (Col. 1)	
9 a.m.	London—"London Log": GSV (17.81)
4:45 p.m.	London—"London Log": GSD (11.75)
6:15 p.m.	Budapest—Hungarian-English news letter: HAT5 (9.625) or HAT4 (9.125)
6:30 p.m.	Berlin—Advance program notices: DJD (11.77) DJB (15.20)
7 p.m.	Honolulu—"Hawaii Calls." Native music and songs from the Isles: KIO (11.68) or KHE (17.97)
7:15 p.m.	London—"Dispatch from the Front": GSD (11.75)
7:40 p.m.	Rome—Opera, "Un Ballo in Maschera": 2R04 (11.81) 2R08 (17.82)
8:15 p.m.	Paris—Reflections of Paris: TPC13 (9.52) TPB8 (11.845)
9:15 p.m.	London—"In Town Tonight": GSD (11.75)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

WAR-TIME TRANSMISSIONS FROM PARIS

WITH mechanized armies swarming like ants along the highways of northern France and dive bombers darting here and there like wasps to deposit their deadly venom, the terrible death-struggle between Allied and Nazi troops continues.

With the whine of air-raid sirens or the dull booming of not too distant heavy artillery fire sometimes audible in the background, the broadcasts from "Paris Mondial," the French government short-wave station, take on a grim reality that fairly chills one's blood.

French short-wave transmissions cannot be silenced with one successful attack, as could those of the British Broadcasting Corporation, for the simple reason that each of the three French transmitters is situated at a different location. The old 8,000-watt, "Radio Coloniale," transmitter still in daily operation, is located at Pontoise; the site of the new 25,000-watt transmitter is Les Essarts; that of the new 100,000-watt transmitter is Allouis. Transmissions of the Pontoise station are identified with the call prefix TPA; those of the Essarts station are identified with the call prefix TPB, and those of the Allouis station with the call prefix TPC.

By means of highly efficient directional aerials, French broadcasts are radiated to various parts of the world daily. Those transmissions beamed on North America are received in the United States with consistent regularity, while transmissions directed to other continents are often audible, depending upon prevailing reception conditions. The latest complete schedule of transmissions from "Paris Mondial" follows. (Clip this schedule out and keep it near your receiver for reference when tuning in short-wave programs.) Time is Central standard.

GENERAL NOTES: All outstanding prize-fights staged by Mike Jacobs and Madison Square Garden during the next year will be short-waved to Latin America over NBC short-wave stations WRCA and WNBI, under sponsorship of Adam's Hats. The return bout between Champion Joe Louis and Arturo Godoy of Chile on Thursday evening, June 20, is the first broadcast in this series. . . . A new Montevideo, Uruguay, station, CXA5 (9.485), is being heard almost every evening up to approximately 7:20 p.m. CST. . . . The broadcast of the Peruvian Automobile Club, for North American listeners, may now be heard over OAX4R (15.15) of Lima Satur-

TRANSMISSION 1

(Directed to Africa and the Mediterranean region)

12:00 mid.-3:00 a.m.	TPB6	15.130
12:00 mid.-5:00 a.m.	TPA3	11.885
9:00-9:30 a.m.	TPA3	11.885
	TPB8	11.845
	TPC5	15.240
11:00 a.m.-3:15 p.m.	TPA3	11.885
12:15-3:15 p.m.	TPB8	11.845
	TPC5	15.240

TRANSMISSION 2

(Directed to Far East)

4:30-8:45 a.m.	TPB3	17.765
8:00-8:45 a.m.	TPC5	15.240
9:45-10:15 a.m.	TPB8	11.845
	TPC5	15.240
11:45 a.m.-12:00 noon	TPB8	11.845
	TPC13	9.520

TRANSMISSION 3

(Directed to South America)

3:30-6:45 p.m.	TPA4	11.720
	TPB8	11.845
	TPC5	15.240

TRANSMISSION 4

(Directed to North America)

NEWS (English)—at 7:00, 10:30 a.m., 7:30 and 10:45 p.m.		
6:30-7:30 a.m.	TPC5	15.240
10:30-11:30 a.m.	TPB8	11.845
	TPC5	15.240
7:00 p.m.-12:00 mid.	TPA4	11.720
	TPB8	11.845
	TPC13	9.520
12:00 mid.-1:00 a.m.	TPC13	9.520
	TPA3	11.885

LATEST FROM EUROPE: The Nazi mystery station which announces as "The New British Broadcasting Station," but which actually is located somewhere near Berlin in Germany, has now shifted in frequency to 11.96 megs, where it is being well heard in the United States daily from 2:30 to 3:30 p.m., week-days from 3:30 to 4:00 p.m., and on Sundays from 10:30 to 11:30 a.m. CST. The identification signal is one stroke on a gong. All transmissions close down with the playing of "God Save the King" . . . DJZ (11.797), Berlin, broadcasts to North America daily from 3:50 to 6:00 p.m. in parallel with DJB (15.20). After 6:00 p.m. CST, the program is carried by DJB (15.20), DJD (11.77) and DZD (10.543) . . . The transmitter in Luxemburg, now Nazi territory, is being included in the Reich network for some of the broadcasts from Berlin.

days from 3:00 to 3:45 p.m. CST. . . . The main transmitter of Chinese International Broadcasting Station XGOX-XGOY, Chungking, China, has been temporarily closed down for overhaul. In the meantime the programs are being transmitted by a low-power auxiliary station. . . . VUM2, Madras, India, has shifted in frequency from 11.87 to 11.83 megs, where it can be heard coming on the air at 8:30 p.m. CST in parallel with VUD4 (15.29) of Delhi. . . . WLWO, the international station of the Crosley Corp., Cincinnati, is making experimental broadcasts over its new 50,000-watt transmitter on the following frequencies: 21.65, 11.87, 9.59 and 6.06 megs.

9:45 p.m.—Paris—Military talk TPB8 (11.845)

Sunday, June 16

For programs broadcast daily see Daily Programs (Col. 1)	
7:30 a.m.	London—"Dispatch from the Front": GSV (17.81)
9 a.m.	London—Variety show, "In Town Tonight": GSV (17.81)
9:45 a.m.	Panama City—News (English): HP5G (11.78)
1:45 p.m.	New York City—News, Kaltenborn: WPIT (11.87)
5 p.m.	New York City—News of the World: WCBX (11.83)

6 p.m.—Budapest—Feature program in remembrance of the theater: HAT5 (9.625) or HAT4 (9.125)

6:15 p.m.—San Francisco—European flashes: KGEI (15.33)

7 p.m.—Martinique—Opera: Radio Martinique (9.705)

7:30 p.m.—Rome—English talk, "The Modern Italian Woman": 2R04 (11.81) 2R08 (17.82)

Monday, June 17

For programs broadcast daily see Daily Programs (Col. 1)	
7:50 a.m.	Bangkok—News (English): HS6PJ (19.02)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRX, Canada	11.72	9.685	15.17
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TPA4, Paris	11.718
DJD, "	11.77	TPB8, France	11.845
DJL, "	15.11	TPC5, "	15.24
DXB, "	9.61	TPC13, "	9.52
EAO, Spain	9.86	VLQ5, Australia	9.68
GRX, England	9.69	VLB, "	9.68
GSE, "	9.61	VLWS, "	9.685
GSC, "	9.58	WCAB, Philadelphia	
GSD, "	11.75	Pa, 6.06, 9.59, 15.27	
GSE, "	15.14	WCBX, New York City	
GSG, "	17.79	21.67, 15.27, 11.83	
GSH, "	21.47	9.65, 6.17, 6.12	
GSI, "	15.26	WDJM, Miami, Fla.	6.04
GSI, "	21.58	WGEA, Schenectady	
GSE, "	15.31	N.Y., 21.50, 15.33, 9.55	
GSV, "	17.81	WGOE, Schenectady	
HAT5, Hungary	9.625	N.Y.	9.63
HAT4, Budapest	9.125	WLWO, Cincinnati	
HBT, Switzerland	14.535	Ohio	9.59, 6.06
HCB, Ecuador	12.46	WNBI, New York City	
HJCT, Colombia	9.63	6.100, 17.78	
HP5A, Panama	11.70	WPIT, Pittsburgh, Pa.	
HP5G, "	11.78	21.65, 15.21, 11.87, 6.14	
HVJ, Vatican City	11.74	WRCA, N.Y. City	9.67
JLS2, Japan	17.845	WRUL-WRUL	
DZD, Berlin	10.543	Boston, Mass.	
JJZ, "	11.80	15.25, 15.13, 11.79	
JZK, "	15.16	11.73, 6.04	
KGEI, San Francisco		KEWW, Mexico	9.50
Calif.	9.58, 15.33	XGOX, China	15.19
KHE, Hawaii	17.97	XGOY, "	9.64
KIO, "	11.68	YUG, Yugoslavia	15.24
MTCY, Manchukuo	11.78	2R03, Italy	9.63
RV96, "	6.03, 15.18	2R04, "	11.81
SBT, Sweden	15.155	2R06, "	15.30
TAP, Turkey	9.465	2R08, "	17.82
TAQ, "	15.195	2R08, "	9.67
TGWA, Guatemala		2R016, "	11.76

9 a.m.—London—"The Empire at War": GSV (17.81)	
5:45 p.m.—Boston—Modern Radio Course, Elementary Section: WRUL (11.79)	
7 p.m. (Mon., Wed., Sat.)—Panama City—Band Concert, with guest stars: HP5G (11.78)	
7 p.m.—Rio de Janeiro—Brazilian program for North America, including typical music, travel talks and news: PSH (10.22)	
7:30 p.m.—Berlin—"A Mirror of German Life": DJB (15.20) DJD (11.77)	
7:45 p.m.—Berlin—Letter to Harry by Lord Hee Haw: DJB (15.20) DJD (11.77)	
7:45 p.m.—Switzerland—Program of folk and popular music; latest war news and political talks: HBJ (14.535)	
8:45 p.m.—Rome—2R0's Mail Bag: 2R04 (11.81) 2R06 (15.30)	

Tuesday, June 18

For programs broadcast daily see Daily Programs (Col. 1)	
9 a.m.—London—Talk, "Background to the News": GSV (17.81)	
5 p.m. (Tues., Thurs., Sat.)—Quito, Ecuador—English travel talks about interesting spots in Ecuador: HCBJ (12.46)	
7 p.m.—London—Talk, "Cards on the Table": GSD (11.75)	
7:40 p.m.—Rome—EIAR Symphony Orchestra: 2R04 (11.81) 2R08 (17.82)	
8 p.m.—Bogota—National Band of Bogota: HJCT (9.63)	
9 p.m.—London—Talk, "I Believe in Democracy": GSD (11.75)	
9:50 p.m.—Berlin—Topical talk by Lord Haw Haw: DJD (11.77)	

Wednesday, June 19

For programs broadcast daily see Daily Programs (Col. 1)	
7:45 a.m.—San Francisco—Description of departure of Pacific Clipper: KGEI (9.53)	
4:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)	
5:30 p.m.—Boston—Round Table on America and World Affairs: WRUL (11.79)	
7:40 p.m.—Rome—Around Italy with Music: 2R04 (11.81) 2R08 (17.82)	
7:45 p.m.—Switzerland—Program of folk music, symphonic music, political talks and news, with announcements in English, for North American listeners: HBJ (14.535)	
8:30 p.m.—Berlin—Political cabaret with Charlie: DJD (11.77)	
9:15 p.m.—Guatemala—Radio Theater: TGWA (9.685)	

Thursday, June 20

For programs broadcast daily see Daily Programs (Col. 1)	
7:30 a.m.—London—"Life in France Today": GSV (17.81)	
5:35 p.m.—Budapest—Church Choir: HAT5 (9.625) HAT4 (9.125)	
7 p.m.—London—Talk, "Background to the News": GSD (11.75)	
7:30 p.m.—Rome—English talk about Italian cooking: 2R04 (11.81) 2R08 (17.82)	
7:40 p.m.—Rome—Chorus of Grand Opera: 2R04 (11.81) 2R08 (17.82)	
8 p.m.—New York City—Joe Louis vs. Arturo Godoy, championship fight: WRCA (9.67)	

Friday, June 21

For programs broadcast daily see Daily Programs (Col. 1)	
7:30 a.m.—London—"World Affairs": GSV (17.81)	
5:35 p.m.—Budapest—Military songs: HAT5 (9.625) or HAT4 (9.125)	
7:15 p.m.—Paris—"The Woman's Side of the War": TPC13 (9.52) TPB8 (11.845)	
7:15 p.m.—London—"At the Black Dog": GSD (11.75)	
9 p.m.—Guatemala—Opera: TGWA (9.685)	
9 p.m.—Boston—News and music for listeners in western states: WRUL (6.04, 11.79)	
9:30 p.m.—Schenectady—Antarctic edition of the New York "Times" for Admiral Byrd's men in Little America, also two-way communication with Little America: KRKC (12.862) WGOE (9.53)	

European News in English

Daily	Morning	City	Station	Dial
CST	CDT	London	GSG	17.79
5:30 a.m.	6:30 a.m.	Berlin	DJL	15.11
5:45 a.m.	6:45 a.m.	Berlin	GSV	17.81
7:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
7:15 a.m.	8:15 a.m.	Rome	2R08	17.82
9:40 a.m.	10:40 a.m.	London	GSV	17.81
10:00 a.m.	11:00 a.m.	Berlin	DJB	15.20
Daily	Afternoon			
12:00 noon	1:00 p.m.	London	GS1	15.26
1:15 p.m.	2:15 p.m.	Rome	2R06	15.30
1:25 p.m.	2:25 p.m.	Rome	2R06	15.30
2:50 p.m.	3:50 p.m.	London	GSP	15.31
3:30 p.m.	4:30 p.m.	Rome	2R08	17.82
			2R04	11.81
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
5:30 p.m.	6:30 p.m.	London	GSP	15.31
Daily	Evening			
6:30 p.m.	7:30 p.m.	London	GSD	11.75
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	8:00 p.m.	Stock'm	SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
8:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
			DJD	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
11:00 p.m.	12:00 mid.	Berlin	DJD	11.77
			DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	2R03	9.63
			2R06	15.30

Daily Programs, Sat., June 29, through Fri., July 5

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST City Program Station
 5:30 a.m.—Berlin—Variety program for North American listeners: DJL (15.11)
 6:15 a.m. (ex. Sun.)—Cincinnati—War news: WLWO (11.87)
 7:15 a.m. (ex. Sat., Sun.)—War news: WCBX (17.83)
 8 a.m. (ex. Sat., Sun.)—New York City—International variety program, "The World Listens": WCBX (17.83)
 10 & 11 a.m.—NBC international news (English): WNBI (17.78)
 11:45 a.m.—Guatemala—Popular marimba music for North American listeners: TGWA (15.17)
 12:15 p.m.—Berlin—English talk on war situation: DJB (15.20)
 2:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)
 2:45 p.m.—Berlin—Matters of Moment: DJB (15.20)
 3:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)
 3:30 p.m.—Rome—Listener's Corner (English): 2R08 (17.82) 2R04 (11.81)
 3:45 p.m. (ex. Sat., Sun.)—Cincinnati—Elizabeth Bemis, news: WLWO (21.65)
 4:45 p.m. (ex. Sat., Sun.)—Lowell Thomas, news: WLWO (21.65)
 5:05 p.m.—Lisbon—Variety program for Portugal for North American listeners: CSW7 (9.74)
 5:35 p.m.—Budapest—Variety program for Hungary for North American listeners: HAT4 (9.125)
 5:45 p.m. (Tues., Thurs., Sat.)—Cincinnati—H. V. Kaltenborn, news: WLWO (6.06 or 9.59)
 6 p.m.—Moscow—News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18) RKI (15.04)
 6:30 p.m.—Pittsburgh—Pearson and Allen, Washington commentators: WPIT (11.87)
 7 p.m.—Stockholm—Program from Sweden for listeners in North America: SBT (15.155)
 7:15 p.m.—Rome—"American Hour" for listeners in North America: 2R08 (17.82) 2R04 (11.81)
 7:30 p.m.—British Honduras—Official Government Bulletin for British Honduras: ZIK2 (10.60)
 8 p.m.—Quito, Ecuador—"Friendship Hour" (English): HCJB (12.46)
 9 p.m.—Havana—All-English variety program, including news in English: COCW (6.33)
 10 p.m.—Cincinnati—Peter Grant, news: WLWO (6.06 or 9.59)

Saturday, June 29

For programs broadcast daily see Daily Programs (Col. 1)

8 a.m.—Guatemala—Transmission of the Military Maneuvers in the Grounds Campo de Marte: TGWA (15.17)
 5:30 p.m.—Martinique—Program of native creole music: Radio Martinique (9.705)
 5:50 p.m.—Budapest—Opera selections: HAT4 (9.125)
 7 p.m.—Honolulu—"Hawaii Calls," Native music and songs from the isles: KIO (11.68) or KHE (17.97)
 7:15 p.m.—London—"Dispatch from the Front": GSD (11.75)
 8:30 p.m.—Berlin—Political cabaret with Charlie DJB (15.20) DJD (11.77)
 9 p.m.—Bogota—Dance music: HJCT (9.63)
 9:45 p.m.—London—"London Log": GSD (11.75)
 12 mid.—Guatemala—69 strokes of the bell in the Torre del Reformada: TGWA (9.685)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

RADIO-ROMA BECOMES A NAZI MOUTHPIECE

Despite the speed with which MOVIE AND RADIO GUIDE is edited and printed, Hitler's hordes have moved even faster. Countries that have had a proud existence for thousands of years crumble in the dust overnight. History is being made not day by day but minute by minute. Under these circumstances your short-wave editor is attempting to foresee Hitler's advance moves and provide items that will prove of most timely value to its readers. It is inevitable that from time to time an item may be buried in the crash of a falling army or country.

ITALIAN short-wave broadcasts haven't changed much since the entrance of that country into the war. The news bulletins which had become increasingly pro-Nazi for some time are now entirely Nazi in character, as might be expected. In Radio-Roma the Nazi cause has acquired one of the world's most elaborate and powerful short-wave stations. The Italian Short-Wave Center at Prato Smeraldo, near Rome, broadcasts twenty-four hours daily, with transmissions directed to each continent at hours most favorable for reception in that particular region. The following languages are utilized in the broadcasts over Radio-Roma: Arabic, Bengali, Bulgarian, Chinese, Danish, Dutch, English, Esperanto, French, German, Greek, Hindustani, Hungarian, Italian, Iranian, Japanese, Portuguese, Roumanian, Russian, Serbo-Croat, Spanish and Turkish. The foregoing gives this station the distinction of being the greatest radio language-mill on earth.

Frequencies employed at present over Radio-Roma are: 2R03 (9.63), 2R04 (11.81), 2R06 (15.30), 2R08 (17.82), 2R09 (9.67), 2R014 (15.23), 2R015 (11.76). Of these 2R04 (11.81), 2R06 (15.30) and 2R08 (17.82) are the most consistently received in North America. 2R06 is the best daytime frequency, 2R04 is best at night. The complete and

complicated broadcasting schedule of the Italian short-wave station follows (clip this schedule for reference). Time is Central standard.

12:00 mid.-1:30 a.m. (News in English at 12:30 a.m.)
 Directed to Pacific regions 2R03 2R06
 3:30-3:55 a.m.
 Program for Arabian countries 2R04 2R08
 4:00-6:15 a.m.
 Directed to Far East 2R06 2R08
 6:20-7:45 a.m.
 Directed to Italian Communities (7:45-8:00 a.m. to Spain; 8:00-8:15 a.m. to Portugal; 8:15-8:25 a.m. for Int. Institute of Agriculture) 2R04 2R08
 8:30-9:45 a.m.
 Directed to Middle East 2R04 2R08
 10:00 a.m.-1:15 p.m.
 Directed to Italian East Africa (1:15-1:35 p.m. to So. Africa) 2R04 2R06
 11:00 a.m.-12:15 p.m.
 Directed to S. E. Europe 2R014 2R015
 12:15-2:30 p.m.
 Directed to S. E. Europe 2R09 2R015
 2:00-4:30 p.m.
 (News in English at 3:30 p.m.)
 Evening program (This transmission is well heard in N. A.) 2R04 2R08
 5:00-6:55 p.m.
 Directed to Latin America 2R04 2R08
 5:30-6:40 p.m.
 Directed to Western Europe 2R09
 7:15-9:10 p.m. (News in English at 9:00 p.m.)
 Directed to North America (This transmission well heard in N. A.) 2R04 2R08

Transmissions of Radio-Roma are easily identified by the twittering-bird signal and chimes of St. Peter's, which usher in all programs. English broadcasts are announced by a woman. The afternoon and evening broadcasts over Radio-Roma are well heard in North America, although a fading may often be noted.

War news in English is best heard at 3:30 p.m. over 2R04 (11.81) and 2R08 (17.82) and evenings at 9:00 p.m. CST over 2R04 (11.81) and 2R03 (9.63). Topical talks concerning current events in Italy and Europe in general may be heard daily at 3:45 p.m. over 2R04 (11.81) and 2R08 (17.82) and at 7:30 p.m. CST.

GENERAL NOTES: With the occupation of Paris a few days ago by the German troops the great short-wave centers of France, all located in Parisian suburbs, were taken over by the Nazis. At the time of writing, the Paris station is still off the air, but you can bet Nazi propaganda will soon be streaming forth from these new and powerful outlets. Many frequencies are available, but those that will probably be used for these broadcasts will be 15.24, 11.885, 11.845 and 9.52 megs. Germany now has under its domination practically all of the important short-wave centers of Europe, with the exception of the Empire

Sunday, June 30

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"Dispatch from the Front": GSV (17.81)
 8 a.m.—Guatemala—Transmission of the Military Maneuvers and Review in Grounds of Campo del Marte: TGWA (15.17)
 8:15 a.m.—London—Advance program notices: GSV (17.81)
 9 a.m.—London—Variety show, "In Town Tonight": GSV (17.81)
 9:45 a.m.—News (English): HP5G (11.78)
 11:45 a.m.—Guatemala—Request program by the

broadcasting station at Daventry, England; the League of Nations station in Switzerland; the Hungarian station at Budapest; the Yugoslav station at Belgrade, and of course Radio Center at Moscow. Geneva broadcasts to North America, Mondays and Wednesdays from 7:45 to 9:10 p.m. CST over HBJ (14.535). Budapest broadcasts to the United States nightly from 5:35 to 7:00 p.m. CST over HAT4 (9.125). Belgrade, Jugoslavia, can be heard nightly from 7:55 to 8:55 p.m. CST over YUG (15.24). Radio Center, Moscow, broadcasts in English nightly from 5:00 to 7:50 p.m. CST over RV96 (15.18).

Marimba Ensemble: TGWA (15.17)
 3:30 p.m.—Honolulu—"Voice of Hawaii": KHE (17.97)
 4:10 p.m.—London—"The Week's Programs": GSP (15.31) GSD (11.75)
 7 p.m.—Martinique—Orchestra of Maestro Pinillos, with noted soloists: TGWA (9.685)
 7:30 p.m.—Vatican City—Catholic news for North American listeners: HVJ (11.74)
 7:40 p.m.—Rome—Opera, "Sakuntala": 2R08 (17.82) 2R04 (11.81)
 11 p.m.—London—Arabian Nightmares: GSD (11.75)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJR-X, Canada	11.72	TG2, Guatemala	6.195
CSW7, Portugal	9.735	TPA4, France	11.718
DJB, Germany	15.20	TPB8, "	11.845
DJD, "	11.77	TPC6, "	15.24
DJL, "	15.11	TPC13, "	9.52
DXB, "	9.61	VLQ5, Australia	9.68
DZD, "	10.543	VLR, "	9.58
EAQ, Spain	9.88	VLW3, "	9.645
GR-X, England	9.89	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GSD, "	9.58	WCBX, New York City	21.57, 15.27, 11.83,
GSP, "	15.14		9.85, 8.17, 6.12
GSG, "	17.79	WJDM, Miami, Fla.	8.04
GSH, "	21.47	WGEA, Schenectady, N. Y.	21.50, 15.33, 9.55
GSI, "	15.26	WGEO, Schenectady, N. Y.	
GSP, "	15.31		
GSV, "	17.81	WLWO, Cincinnati, Ohio	15.26, 15.13, 11.79,
HAT5, Hungary	9.625		11.73, 6.04
HBJ, Switzerland	14.535	21.65, 11.87, 9.59, 6.06	
HCJB, Ecuador	12.46	WNBI, New York City	
HJCT, Colombia	9.63		6.100, 17.78
HP5A, Panama	11.70	WPIT, Pittsburgh, Pa.	
HP5G, "	11.78	21.54, 15.21, 11.87, 6.14	
HVJ, Vatican City	11.74	WRCA, N. Y. City	9.67
JL52, Japan	17.845	WRUL-WRUL, Boston, Mass.	15.26, 16.13, 11.79,
JZK, "	15.16		11.73, 6.04
KGEI, San Francisco, Calif.	9.53, 15.33	KEWW, Mexico	9.50
KHE, Hawaii	17.97	XGOX, China	15.19
KIO, "	11.68	XGOY, "	9.64
MTCY, Manchukuo	11.78	YUG, Jugoslavia	15.24
RV96, "	6.03, 15.18	2R03, Italy	9.63
SBT, Sweden	15.155	2R04, "	11.81
TAP, Turkey	9.465	2R06, "	15.30
TAQ, "	15.195	2R08, "	17.82
TGWA, Guatemala	2R09, "		9.67
	9.685, 15.17	2R015, "	11.76

Monday, July 1

For programs broadcast daily see Daily Programs (Col. 1)

9 a.m.—London—"The Empire at War": GSV (17.81)
 5:30 p.m.—London—English talk, "The Empire at War": GSD (11.75)
 5:30 p.m.—Boston—Modern Radio Course, Elementary Section: WRUL (11.79)
 6 p.m.—London—Feature broadcast, "Canadian Magazine," in collaboration with the Canadian Broadcasting Corporation: GSD (11.75)
 6:15 p.m.—Budapest—Hungarian folk-songs: HAT4 (9.125)
 7 p.m. (Mon., Wed., Sat.)—Panama City—Band Concert, with guest stars: HP5G (11.78)
 7:45 p.m.—Berlin—Letter to Harry by Lord Hee Haw: DJB (15.20) DJD (11.77)
 7:45 p.m.—Switzerland—Program of folk and popular music; latest war news and political talks: HBJ (14.535)
 9 p.m.—Guatemala—Concert of First Military Band: TGWA (9.685)

Tuesday, July 2

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—Talk, "Cards on the Table": GSV (17.81)
 9 a.m.—London—Talk, "Background to the News": GSV (17.81)
 4:45 p.m.—London—Talk, "Background to the News": GSD (11.75)
 5:35 p.m.—Budapest—Choir of Workmen: HAT4 (9.125)
 7:40 p.m.—Rome—EIAR Symphony Orchestra: 2R04 (11.81) 2R08 (17.82)
 8 p.m.—Bogota—National Band of Bogota: HJCT (9.63)
 9:30 p.m.—Cincinnati—General Disque, war news analyst: WLWO (6.06 or 9.59)
 9:50 p.m.—Berlin—Topical talk by Lord Haw Haw: DJD (11.77)

Wednesday, July 3

For programs broadcast daily see Daily Programs (Col. 1)

7:45 a.m.—San Francisco—Description of departure of Pacific Clipper: KGEI (9.53)
 4:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)
 5 p.m.—Quito, Ecuador—Native flute and drum music: HCJB (12.46)
 6 p.m.—Budapest—Taragato recital: HAT4 (9.125)
 7:45 p.m.—London—"News from Scotland": GSD (11.75)
 9 p.m.—Guatemala—Radio Theater: TGWA (9.685)

Thursday, July 4

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"Life in France Today": GSV (17.81)
 5:30 p.m.—London—Talk, in collaboration with Canadian Broadcasting Corporation: GSD (11.75)
 5:35 p.m.—Budapest—Homeros Choir: HAT4 (9.125)
 6:45 p.m.—New York City—Gloria Maria, Brazilian child pianist: WRCA (9.67) WNBI (17.78)
 8:30 p.m.—Berlin—Jim and Johnny: DJD (11.77) DJB (15.20)

Friday, July 5

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.—London—"World Affairs": GSV (17.81)
 4 p.m.—Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
 5:30 p.m.—London—Talk, "World Affairs": GSD (11.75)
 6:15 p.m.—Lisbon—"Saudade" program, especially compiled for Portuguese residents in North America: CSW7 (9.74)
 7:15 p.m.—London—"At the Black Dog": GSD (11.75)
 7:40 p.m.—Rome—Request selections: 2R08 (17.82) 2R04 (11.81)
 9 p.m.—Guatemala—Opera: TGWA (9.685)

European News in English

Daily		Morning		
EDT	EST	CITY	STATION	DIAL
7:30 a.m.	6:30 a.m.	London	GSG	17.79
7:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
9:00 a.m.	8:00 a.m.	Bordeaux		15.24
9:15 a.m.	8:15 a.m.	London	GSV	17.81
9:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
11:40 a.m.	10:40 a.m.	Rome	ZRO8	17.82

Daily		Afternoon		
EDT	EST	CITY	STATION	DIAL
12:00 noon	11:00 a.m.	London	GSV	17.81
12:15 p.m.	11:15 a.m.	Berlin	DJB	15.20
12:30 p.m.	11:30 a.m.	Bordeaux		15.24
2:00 p.m.	1:00 p.m.	London	GSI	15.26
3:15 p.m.	2:15 p.m.	Rome	ZRO6	15.30
3:25 p.m.	2:25 p.m.	Rome	ZRO6	15.30
4:50 p.m.	3:50 p.m.	London	GSP	15.31
5:30 p.m.	4:30 p.m.	Rome	ZRO8	17.82
			ZRO4	11.81
5:45 p.m.	4:45 p.m.	London	GSP	15.31

Daily		Evening		
EDT	EST	CITY	STATION	DIAL
7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
7:30 p.m.	6:30 p.m.	London	GSP	15.31
8:15 p.m.	7:15 p.m.	Berlin	DJL	15.11
			DJD	11.77
8:30 p.m.	7:30 p.m.	London	GSD	11.75
9:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
9:00 p.m.	8:00 p.m.	Stockholm	SBT	15.155
9:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
9:30 p.m.	8:30 p.m.	Bordeaux	GSC	9.58
10:45 p.m.	9:45 p.m.	London	GSD	11.75
			ZRO4	11.81
			ZRO8	17.82
11:00 p.m.	10:00 p.m.	Rome	ZRO4	11.81
			ZRO8	17.82
11:30 p.m.	10:30 p.m.	Berlin	DJD	11.77
			DJL	15.11
			DXB	9.61
12:00 mid.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
12:45 a.m.	11:45 p.m.	Bordeaux		9.52
1:00 a.m.	12:00 mid.	Berlin	DJD	11.77
			DXB	9.61
2:15 a.m.	1:15 a.m.	London	GSD	11.75
2:30 a.m.	1:30 a.m.	Rome	ZRO3	9.63
			ZRO6	15.30

Daily Programs, Sat., July 6, through Fri., July 12

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EDT	City	Program	Station
7 a.m.	Saigon	French Indo-China—News (English): (11.78)	
7:30 a.m.	Berlin	Variety program for North American listeners: DJL (15.11)	
8 a.m.	Sydney	Australia—Broadcast for East Coast North American listeners; (8:30 a.m.) News (English): BLQ5 (9.68)	
9:15 a.m. (ex. Sat., Sun.)		War news: WCBX (17.83)	
11 a.m.	Saigon	French Indo-China—News (English): (11.78)	
1:45 p.m.	Guatemala	Popular marimba music for North American listeners: TGWA (15.17)	
2:30, 3:30, 4:30, 5:30 & 6:30 p.m.	Bordeaux, France	News (French): (15.24)	
3 p.m.	Rabat, Morocco	News (French): (11.945)	
3:15 p.m.	Berlin	English talk on war situation: DJL (15.11)	
4 p.m.	Rome	Evening concert, with English announcements: ZRO8 (17.82) ZRO4 (11.81)	
4:15 p.m. (ex. Sun.)	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
4:30 p.m.	Ankara, Turkey	Variety program from Ankara, Turkey: TAQ (15.195)	
5:15 p.m.	Berlin	Propaganda talk in English: DJB (15.20) DJL (15.11)	
5:30 p.m. (ex. Sun.)		Pro-Nazi mystery station's program: (11.96)	
5:30 p.m.	Rome	Listener's Corner (English): ZRO8 (17.82) ZRO4 (11.81)	
5:50 p.m.	Berlin	Evening program for North America: DJL (15.11) DJZ (11.797)	
6:30 p.m.	Rabat, Morocco	News (French): (11.945)	
7:30 p.m.	Panama	News (English): HP5A (11.70)	
7:35 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT4 (9.125)	
8 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
8 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18) RKI (15.04)	
8:30 p.m.	Martinique	News (English): (9.705)	
9 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155)	
9 p.m.	Tokyo	Program for eastern North America; (9:15 p.m.) News (English): JLS2 (17.845)	
9:15 p.m.	Rome	"American Hour" for listeners in North America: ZRO8 (17.82) ZRO4 (11.81)	
9:25 p.m.	Bordeaux, France	News (English): (9.52)	
10 p.m.	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)	
10 p.m.	Belgrade	Program for Yugoslav listeners in United States: YUG (15.24)	
11 p.m.	Havana	All-English variety program, including news in English: COCW (6.33)	

Saturday, July 6

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.—London—"London Log": GSV (17.81)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

WHAT ABOUT FRENCH SHORT-WAVE BROADCASTING NOW?

WITH France decisively defeated by the Nazis, the French Republic greatly reduced in size, and drastic regulations imposed on the French colonies, what has happened to the short-wave stations of the French empire? Article 14 of the armistice agreement specifies that all wireless transmitting stations in French territory are to cease operation. It is not clear as to whether this statement applies to broadcasting stations in the colonies as well as the mother republic, nor is it known at present whether this order means a permanent discontinuance of broadcasting or whether limited transmissions may be permitted in the near future. At any rate, it is believed several of the colonial short-wave stations will continue to operate despite this order, and under this supposition it is timely, I believe, to give you a brief resume of the short-wave stations of the entire empire.

The great short-wave transmitting centers at Pontoise, Essarts and Allouis, all near Paris, are of course in German hands and temporarily off the air, although broadcasts may be resumed under Nazi sponsorship any day. The temporary short-wave station at Bordeaux, which has been operating throughout the day on a frequency of 15.24 megs and nightly for North America on a frequency of 9.52 megs, is still broadcasting at time of writing but will probably be off the air before this article reaches print, since Bordeaux is in territory ceded to Germany according to terms of the armistice. In that small portion of the French republic still in existence there are a few powerful medium-wave broadcast stations which could be quickly converted over for short-wave use providing authority for their operation could be obtained from the German masters.

GENERAL NOTES: Lord Haw Haw, famous English announcer of the Berlin short-wave station, can now be heard week-days at 4:15 p.m. and on Tuesday, Friday and Sunday evenings at 9:30 p.m. EDT over DJL (15.11). DJL (15.11) has replaced DJB in the evening service for North America from 5:50 p.m. to 12:00 mid. EDT. DJB is now beamed on South America... According to John Shanks of Russellville, Tenn., TAQ (15.195) at Ankara, Turkey, is being heard very well for an hour or so prior to its sign-off at 5:30 p.m. EDT... LKV (15.17), Oslo, Norway, broadcasts Nazi-sponsored programs daily to 6:35 p.m. EDT. This station causes bad interference to TGWA (15.17), Guatemala City, Guatemala,

6:45 p.m.	London	"London Log": GSD (11.75) GSP (15.31)
7:35 p.m.	Budapest	Hungarian overture: HAT4 (9.125)
9:15 p.m.	London	"Dispatch from the Front": GSD (11.75)
9:30 p.m.	Rome	English talk, "The Bibbiena Exhibition in Florence": ZRO8 (17.82) ZRO4 (11.81)
9:40 p.m.	Rome	Opera selections: ZRO8 (17.82) ZRO4 (11.81)
11 p.m.	Bogota	Dance music: HJCT (9.63)
11:15 p.m.	London	"In Town Tonight": GSD (11.75)

In the colonies, the following short-wave stations have been operating regularly and are still on the air, although their continued operation is somewhat problematical: In Africa, France is represented by CNR (11.94), a 12,000-watt station at Rabat, French Morocco, which is on the air daily from 3:30 to 6:30 p.m.; by TPZ 2(8.96), a commercial station at Algiers, which broadcasts programs irregularly, and by FZE8 (17.28), a telegraphic station at Djibouti, French Somaliland, which puts on test programs the first Thursday in each month from 9:15 to 9:30 a.m. In Asia, "Radio Saigon" (11.78), a powerful station at Saigon, French Indo-China, operates daily from 6:30 to 11:15 p.m., from 11:30 a.m. to 12:00 noon and from 7:35 to 8:15 p.m. It is a great favorite with listeners in western United States. In the South Seas, French stations consist of FO8AA (7.10), a small station at Papeete, Tahiti, which has been on the air for several years each Tuesday and Friday night from 12:05 to 1:00 a.m., and FKAA (6.135), a small station in Noumea, New Caledonia, which has been operating week-days from 3:30 to 4:30 a.m. Close to home, in the French West Indies, we have two French short-wave stations which have become very popular with North American listeners, namely, FG8AH (7.445), Pointe-a-Pitre, Guadeloupe, which operates daily from 7:00 to 8:10 p.m. and in addition Sundays from 10:30 a.m. to 12:00 noon, and "Radio Martinique," a splendid 1,500-watt transmitter, located at Fort-de-France, Martinique, often mentioned in MOVIE AND RADIO GUIDE, which operates daily from 1:15 to 2:45 and from 7:30 to 10:30 p.m., with special English programs for North America daily from 8:30 to 8:45 p.m. and on Mondays and Wednesdays from 7:30 to 8:00 p.m. EDT on a frequency of 9.705 megs.

when it is on the air with the daily 1:45 to 2:45 p.m. EDT marimba concert... The Irish short-wave station is now called "Radio EIRE," and it can be heard with fair signals both mornings and afternoons on a frequency of 17.84 megs... A broadcasting service was recently inaugurated at Teheran, Iran (Persia). The station operates on a frequency of 15.09 megs... Transmissions from the Wenner-Gren scientific expedition, now in the jungles of Peru near the Bolivian border, making scientific investigations, gathering specimens for museums and looking for a lost Inca city, can occasionally be heard over the short-wave amateur transmitter of the expedition, OAT7, a 25-watt rig, operating on 14.564 megs.

Sunday, July 7

For programs broadcast daily see Daily Programs (Col. 1)	
9:15 a.m.	San Francisco—Frisco after dark: KGEI (9.53)
11:45 a.m.	Panama—News (English): HP5G (11.78)
1:45 p.m.	Guatemala—Request program by the Marimba Ensemble: TGWA (15.17)
6:10 p.m.	London—"The Week's Programs": GSP (15.31) GSD (11.75)
7:35 p.m.	Budapest—Hungarian dance: HAT4 (9.125)
9 p.m.	Martinique—Orchestra of Maestro Pini-

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRX Canada	11.72	TGWA, Guatemala	
CSW7, Portugal	9.735		9.685, 15.17
DJR, Germany	15.20	TPC5, France	15.24
DJD, " "	11.77	TPC13, " "	9.52
DJL, " "	15.11	VLQ5, Australia	9.68
DXB, " "	9.61	VLR, " "	9.54
DZD, " "	10.643	VLW3, " "	9.645
EAQ, Spain	9.86	WCAB, Philadelphia	
GRX, England	9.69		6.06, 9.59, 15.27
GSA, " "	9.51	WCBX, New York City	
GSC, " "	9.58		21.57, 15.27, 11.83
GSD, " "	11.75		9.65, 6.17, 6.12
GSE, " "	15.14	WDJM, Miami, Fla.	6.04
GSG, " "	17.79	WGEA, Schenectady	
GSH, " "	21.47	N.Y. 21.50, 15.33, 9.56	
GSI, " "	15.26	WGEA, Schenectady	
GSJ, " "	21.58	N.Y.	9.53
GSP, " "	15.31	WLWO, Cincinnati	
GSV, " "	17.81	Ohio	
HAT5, Hungary	9.625	21.65, 11.87, 9.59, 6.06	
HBJ, Switzerland	14.535	WNBI, New York City	
HCJB, Ecuador	12.46		6.100, 17.78
HJCT, Colombia	9.63	WPIT, Pittsburgh, Pa.	
HP5A, Panama	11.70		21.64, 15.21, 11.87, 6.14
HP5G, " "	11.78	WRCA, N.Y. City	9.67
HVJ, Vatican City	17.74	WRUL-WBUW, Boston, Mass.	
JLS2, Japan	17.845		15.25, 15.13, 11.79,
JJZ, " "	11.80		11.73, 6.04
JZK, " "	15.16		
KGEI, San Francisco, Calif.	9.53, 15.33	XEWW, Mexico	9.50
KHE, Hawaii	17.97	XGOX, China	15.19
KIO, " "	11.68	YUG, Yugoslavia	15.24
MTCY, Manchukuo	11.78	ZRO3, Italy	9.63
RV96, " "	6.03, 15.18	ZRO4, " "	11.81
SBT, Sweden	15.155	ZRO6, " "	15.30
TAP, Turkey	9.465	ZRO8, " "	17.82
TAQ, " "	15.195	ZRO9, " "	9.67
TG2, Guatemala	6.195	ZRO15, " "	11.76

los, with noted soloists: TGWA (9.685)

9:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11)

9:40 p.m.—Rome—Opera, "I Quattro Rusteghi": ZRO8 (17.82) ZRO4 (11.81)

Monday, July 8

For programs broadcast daily see Daily Programs (Col. 1)

7:30 p.m.	Martinique—English Hour: (9.705)
8:15 p.m.	Budapest—Hungarian folk-songs: HAT4 (9.125)
9 p.m. (Mon., Wed., Sat.)	Panama City—Band Concert, with guest stars: HP5G (11.78)
9:40 p.m.	Rome—Venetian songs: ZRO8 (17.82) ZRO4 (11.81)
9:45 p.m.	Berlin—Letter to Harry from Lord Haw Haw: DJL (15.11) DJD (11.77)
9:45 p.m.	Switzerland—Program of folk and popular music; latest war news and political talks: HBJ (14.535)
11 p.m.	Guatemala—Concert of First Military Band: TGWA (9.685)

Tuesday, July 9

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.	London—Talk, "Background to the News": GSV (17.81)
3:15 p.m. (Tues., Thurs., Sat.)	Lisbon—Program for English listeners, including music, variety and topical talks, in English: CSW7 (9.74)
7 p.m. (Tues., Thurs., Sat.)	Quito, Ecuador—English travel talks about interesting spots in Ecuador: HCJB (12.46)
7:45 p.m. (Tues., Thurs., Sat.)	H. V. Kaltentborn, news: WLWO (6.06 or 9.59)
9:30 p.m.	Berlin—English talk, by Lord Haw Haw: DJL (15.11)
9:40 p.m.	Rome—EIAR Symphony Orchestra: ZRO4 (11.81) ZRO8 (17.82)
11:50 p.m.	Berlin—Topical talk by Lord Haw Haw: DJD (11.77) DJL (15.11)

Wednesday, July 10

For programs broadcast daily see Daily Programs (Col. 1)

6:45 p.m.	London—Talk, "Matters of Moment": GSD (11.75)
9:40 p.m.	Rome—Neapolitan songs: ZRO8 (17.82) ZRO4 (11.81)
9:45 p.m.	Switzerland—Program of folk-music, symphonic music, political talks and news, with announcements in English, for North American listeners: HBJ (14.535)
11 p.m.	Guatemala—Radio Theater: TGWA (9.685)
12 mid.	Guatemala—"The Philatelic Hour": TG2 (6.19)

Thursday, July 11

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.	London—"Background to the News": GSV (17.81)
2:30 p.m.	Schenectady—U. S. Marine Band: WGEA (15.33)
7:50 p.m.	Budapest—Accordion recital: HAT4 (9.125)
9:30 p.m.	Rome—Topical talks in English: ZRO8 (17.82) ZRO4 (11.81)
9:30 p.m.	Vatican City—Catholic news for listeners in North America: HVJ (11.74)
12 mid.	New York City—Radio City Music Hall Organist, Richard W. Leibert: WRCA (9.67)

Friday, July 12

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.	London—Talk, "This Land of Ours": GSV (17.81)
6 p.m.	Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
7:10 p.m.	Lisbon—Variety show: CSW7 (9.74)
8:30 p.m.	Budapest—"Hungarian Films": HAT4 (9.125)
9:30 p.m.	Berlin—English talk by Lord Haw Haw: DJL (15.11)
9:40 p.m.	Rome—Request selections: ZRO8 (17.82) ZRO4 (11.81)
11 p.m.	Guatemala—Opera: TGWA (9.685)

European News in English

Daily CST	Morning CDT	CITY	STATION	DIAL
5:30 a.m.	6:30 a.m.	London	GSG	17.79
5:45 a.m.	6:45 a.m.	Berlin	DJL	15.11
7:15 a.m.	8:15 a.m.	London	GSV	17.81
7:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
9:40 a.m.	10:40 a.m.	Rome	2R08	17.82
10:00 a.m.	11:00 a.m.	London	GSV	17.81
10:15 a.m.	11:15 a.m.	Berlin	DJB	15.20
Daily CST	Afternoon CDT	CITY	STATION	DIAL
12:00 noon	1:00 p.m.	London	GSI	15.26
1:25 p.m.	2:25 p.m.	Rome	2R06	15.30
2:50 p.m.	3:50 p.m.	London	GSP	15.31
3:30 p.m.	4:30 p.m.	Rome	2R08	17.82
			2R04	11.81
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DJD	11.77
5:30 p.m.	6:30 p.m.	London	GSP	15.31
Daily CST	Evening CDT	CITY	STATION	DIAL
6:15 p.m.	7:15 p.m.	Berlin	DJL	15.11
			DJD	11.77
6:30 p.m.	7:30 p.m.	London	GSD	11.75
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	8:00 p.m.	Stock' m	SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
			DJB	15.20
8:45 p.m.	9:45 p.m.	London	GSC	9.58
			GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DJD	11.77
			DJL	15.11
			DXB	9.61
10:00 p.m.	11:00 p.m.	London	GSC	9.58
			GSD	11.75
11:00 p.m.	12:00 mid.	Berlin	DJD	11.77
			DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	2R03	9.63
			2R06	15.30

Daily Programs, Sat., July 13, through Fri., July 19

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
5 a.m.	Saigon, French Indo-China	News (English): (11.78)	
8:15 & 9:30 a.m. (ex. Sat., Sun.)	New York City	CBS International News (English): WCBX (17.83)	
9 a.m.	Saigon	News (English): (11.78)	
10 & 11 a.m.	New York City	NBC International News (English): WNBI (17.78)	
10:10 a.m.	Berlin	Variety and propaganda talks in English, for North America: DJB (15.20) DJL (15.11)	
11:45 a.m.	Guatemala	Popular marimba music for North American listeners: TGWA (15.17)	
1:15 p.m.	Berlin	English talk on war situation: DJL (15.11)	
2 p.m.	Rome	Evening concert, with English announcements: 2R08 (17.82) 2R04 (11.81)	
2:15 p.m. (ex. Sat., Sun.)	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20) DJL (15.11)	
2:45 p.m.	Berlin	Matters of Moment: DJB (15.20)	
3:15 p.m.	Berlin	Propaganda talk in English: DJB (15.20) DJL (15.11)	
3:30 p.m.	Rome	Listener's Corner (English): 2R08 (17.82) 2R04 (11.81)	
4:45 p.m. (ex. Sat., Sun.)	Lowell Thomas, news:	WLWO (21.65) WGEO (9.53)	
5:30 p.m.	Panama	News (English): HP5A (11.70)	
6 p.m.	Panama City	George Williams' English "Radio Newspaper": HP5G (11.78)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for listeners in North America: RV96 (15.18) RKI (15.04)	
6:30 p.m.	Martinique	News (English): (9.705)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155)	
7 p.m.	Tokyo	Program for eastern North America; (7:15) News (English): JLS2 (17.845)	
7:15 p.m.	Rome	"American Hour" for listeners in North America: 2R08 (17.82) 2R04 (11.81)	
7:45 p.m.	Berlin	Topical talk (English): DJL (15.11) DJD (11.77)	
8 p.m.	Berlin	English talk, "Matters of Moment": DJL (15.11) DJD (11.77)	
8 p.m.	Quito, Ecuador	"Friendship Hour" (English): HCJB (12.46)	
9 p.m.	New York City	English Hour, including International News (English): WRCA (9.67)	
9 p.m.	Havana	All-English variety program, including news in English: COCW (6.33)	
11 p.m.	Tunis	Variety program and news flashes: Radio Tunis (15.65)	
11:03 p.m.	Tokyo	News (English): JZK (15.16)	

Saturday, July 13

For programs broadcast daily see Daily Programs (Col. 1)

4:45 p.m.	London	"London Log": GSD (11.75) GSP (15.31)
6:15 p.m.	Budapest	Budapest Concert Orchestra: HAT4 (9.125)
6:30 p.m.	Budapest	Hungarian English news letter: HAT4 (9.125)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:15 p.m.	London	"Dispatch from the Front": GSD (11.75)
7:40 p.m.	Rome	Opera selections: 2R08 (17.82) 2R04 (11.81)
8:30 p.m.	Berlin	Political cabaret with Charlie: DJL (15.11) DJD (11.77)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries
subject to change without notice

LISTENERS TURN TO RADIO TOKYO AS TENSION RISES IN FAR EAST

THE pronouncement by Foreign Minister Hachiro Arita that Japan now regards all of East Asia and the South Seas as its sphere of influence may be a prelude to direct participation in the world war should any outside nation attempt interference with such rich colonies as the Netherlands Indies or French Indo-China, which are now almost defenseless following the disintegration of the powerful Dutch and French central governments. Because of this rising threat of Japanese domination in these vast and rich territories of the Far East, listeners who have been tuning in only the news broadcasts from Europe are now eagerly twisting their dials to hear the latest bulletins from Radio Tokyo.

Just five years ago overseas broadcasts were introduced by the Japanese Broadcasting Corporation. In its early stages, the overseas-broadcast program was transmitted only to the Pacific Coast of North America. Today seven separate transmissions are made daily, including programs in Japanese, English, French, German, Italian, Spanish, Dutch, Portuguese and Chinese. All overseas broadcasts originate in the studios of the foreign department of the Japanese Broadcasting Corporation's elaborate headquarters in Tokyo and are actually put on the air over power-

ful 50,000-watt short-wave transmitters located in a near-by suburb. The full schedule of Japanese overseas broadcasts being radiated daily is as follows (time is Central standard):

For the Pacific Coast of North America and Hawaii	
11:00 p.m. to	
12:30 a.m.	JZK 15.16
(News in English at 11:03 p.m.)	
For Hawaii	
1:00 to 2:00 a.m.	JZK 15.16
For China and the South Seas	
6:00 to 8:30 a.m.	JZK 15.16
(News in English at 6:30 a.m.)	
For the Near East	
9:00 to 10:00 a.m.	JZK 15.16
For Europe	
1:00 to 3:00 p.m.	JZK 15.16
JZJ	11.80
For South American Countries	
3:30 to 4:30 p.m.	JZK 15.16
JZJ	11.80
For Eastern Districts of North America	
7:00 to 8:00 p.m.	JLS2 17.845
(News in English at 7:15 p.m.)	

The Tokyo broadcasts are, as a whole, fairly well received in North America, especially those specifically directed to North America. Program material is varied in nature and includes, besides the latest war bulletins, travel and topical talks; native Koto, Samisen and Shaku-hachi music; occidental symphonic and popular music; choral selections and special features. The identification signal for Radio Tokyo, given at the opening and close of each transmission, is the first nine notes of the opening bars of the Japanese national anthem, "Kimigayo."

IN EUROPE: The temporary French transmitter at Bordeaux is now off the air, as predicted in last week's column. This city has been occupied by the Germans under the terms of the armistice agreement. There are no broadcasts of the French central government now being transmitted on short-wave frequencies. . . . The French transmitter "Radio Maroc," at Rabat, Morocco, is still on the air and broadcasting daily from 1:30 to 4:30 p.m. CST on a frequency of 11.945 megs. Radio Saigon (11.78), Saigon, French Indo-China; Radio Martinique (9.705), Fort-de-France, Martinique, and FGBAH (7.445), Pointe-a-Pitre, Guadeloupe, are still on the air. FZE8 (17.28) at Djibouti, French Somaliland, will go off the air as soon as that city is occupied by the Italians as specified in the armistice agreement. . . . Dorothy Hall of Springfield Gardens, L. I., writes that the new short-wave station "Radio Tunis" is on the air and is being heard between 11:00 p.m. and 12:00 mid. CST on a frequency of 15.650 megs. Both men and women announcers are employed, and the news in French is read at 11:45 p.m. CST. . . . Roumania is in the spotlight these days. Unfortunately this country has no regular short-wave outlet. One small short-wave transmitter known as "Radio-Experimental" (9.234) operates irregularly apparently according to no set schedule.

9:15 p.m.	London	"In Town Tonight": GSD (11.75)
9:45 p.m.	London	"London Log": GSD (11.75)
9:50 p.m.	Berlin	Hot Off the Wires: DJL (15.11) DJD (11.77)

Sunday, July 14

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.	London	"Dispatch from the Front": GSV (17.81)
9 a.m.	London	Variety show, "In Town Tonight": GSV (17.81)
9:45 a.m.	Panama	News (English): HP5G (11.78)

GENERAL NOTES: Unique among honorary societies of the world is General Electric's "Society of Polar Postcasters" recently formed as an adjunct to the already popular broadcasts of the "Byrd Mailbag" to members of the U. S. Antarctic Expedition at the South Pole, which is heard on alternate Friday nights, starting at 9:30 p.m. CST, over WGEO (9.53) and the Byrd station KRTK (12.862). Membership in the society is by invitation, and those accepted receive a hand-somely engraved certificate signed in person by Admiral Byrd and Postmaster General Farley. The first "honorary postcaster" was James C. McDonald, postmaster of the city of Schenectady, through whose official hands the nearly 3,000 letters already broadcast have passed. Invited "honorary postcasters" are "sworn in" with a simple ceremony and are placed in charge of the "Mailbag." They are required to take actual part in reading the letters along with the regularly assigned "mailmen" . . . Crosley Corporation's station WLWO in Cincinnati, Ohio, has been granted a modification of license to add the frequency 17.80, in addition to its regularly authorized frequencies of 6.06, 9.59, 11.87, 15.27 and 21.65. WNBI of New York City has received a modification of its license to add the frequency of 11.82 megs, in addition to its regular frequencies of 6.100 and 17.78 megs.

2:30 p.m.	Guatemala	Concert of "Orquesta Popular": TGWA (15.17)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:30 p.m.	Berlin	English talk by Lord Haw Haw: DJL (15.11)
7:30 p.m.	Rome	English talk about current events in Italy: 2R08 (17.82) 2R04 (11.81)
7:40 p.m.	Rome	Opera, "Le Nozze di Haura": 2R08 (17.82) 2R04 (11.81)
8:30 p.m.	New York City	Democratic pre-convention broadcast: WCBX (9.65)
9:50 p.m.	Berlin	"Germany as I See It": DJD (11.77) DJL (15.11)

Important Stations

(Megacycles or thousands of kilocycles shown)			
CJRX, Canada	11.72	TG2, Guatemala	6.195
CSW7, Portugal	9.735	TGWA, Guatemala	
DJB, Germany	15.20		9.685, 15.17
DJD, "	11.77	VLQ5, Australia	9.68
DJL, "	15.11	VLR, "	9.58
DXB, "	9.61	VLW3, "	9.645
DZD, "	10.843	WCAB, Philadelphia	
EAG, Spain	9.86	Pa. 6.06, 9.59, 15.27	
GRX, England	9.69	WCBX, New York City	
GSB, "	9.51		21.57, 15.27, 11.83
GSC, "	9.58		9.63, 6.17, 6.12
GSD, "	11.75	WDJM, Miami, Fla.	6.04
GSE, "	15.14	WGEO, Schenectady	
GSG, "	17.79	N.Y. 21.60, 15.33, 9.55	
GSH, "	21.47	WGEO, Schenectady	
GSI, "	15.26	N.Y.	9.53
GSM, "	21.58	WLWO, Cincinnati	
GSP, "	15.31	Ohio	
GSS, "	17.81	21.65, 11.87, 9.58, 6.06	
HAT5, Hungary	9.625	WNBI, New York City	
HBJ, Switzerland	14.535		6.100, 17.78
HCJB, Ecuador	12.46	WPIT, Pittsburgh, Pa.	
HJCT, Colombia	9.63	21.54, 15.21, 11.87, 6.14	
HP5A, Panama	11.70	WRCA, N. Y. City	9.67
HP5G, "	11.78	WRUL-WRUW, Boston, Mass.	
HVJ, Vatican City	11.74		15.25, 15.13, 11.79
JLS2, Japan	17.845		11.73, 6.04
JZK, "	15.16	XEWW, Mexico	9.50
JZJ, "	11.80	XGXX, China	15.19
KEGI, San Francisco, Calif.	9.53, 15.33	XGOY, "	9.64
KHE, Hawaii	17.97	YUG, Yugoslavia	15.24
KIO, "	11.68	2R03, Italy	9.63
MTCY, Manchukuo	11.78	2R04, "	11.81
RV96, "	6.03, 15.15	2R06, "	15.30
SBT, Sweden	15.158	2R08, "	17.82
TAP, Turkey	9.465	2R09, "	9.67
TAQ, "	15.195	2R015, "	11.76

Monday, July 15

For programs broadcast daily see Daily Programs (Col. 1)

NOTE: Democratic Convention opens in Chicago. Watch for short-wave broadcasts covering this event.

9 a.m.	London	"The Empire at War": GSV (17.81)
5:30 p.m.	London	English talk, "The Empire at War": GSD (11.75)
5:35 p.m.	Budapest	Gala feature program, "This Is Radio Budapest Calling": HAT4 (9.125)
6 p.m.	London	Feature broadcast, Canadian Magazine, in collaboration with the Canadian Broadcasting Corporation: GSD (11.75)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:45 p.m.	Berlin	Letter to Harry: DJL (15.11) DJD (11.77)
7:45 p.m.	Switzerland	Program of folk and popular music, latest war news and political talks: HBJ (14.535)
8:45 p.m.	Rome	2RO's Mail Bag: 2R04 (11.81) 2R08 (17.82)

Tuesday, July 16

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.	London	"Cards on the Table": GSV (17.81)
4:45 p.m.	London	Talk, "Background to the News": GSD (11.75)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:30 p.m.	Berlin	English talk by Lord Haw Haw: DJL (15.11)
7:40 p.m.	Rome	ELAR Symphony Orchestra: 2R08 (17.82) 2R04 (11.81)
9 p.m.	London	Talk, "I Believe in Democracy": GSD (11.75)
9:50 p.m.	Berlin	Topical talk by Lord Haw Haw: DJD (11.77) DJL (15.11)

Wednesday, July 17

For programs broadcast daily see Daily Programs (Col. 1)

9 a.m.	London	"Matters of Moment": GSV (17.81)
5:30 p.m.	Boston	Sidelights on World Affairs: WRUL (11.79)
7:45 p.m.	London	News from Scotland: GSD (11.75)
8:30 p.m.	Berlin	Political cabaret with Charlie: DJD (11.77) DJL (15.11)
9 p.m.	Guatemala	Radio Theater, "El Nido Ajeno": TGWA (9.685)

Thursday, July 18

For programs broadcast daily see Daily Programs (Col. 1)

9 a.m.	London	"Background to the News": GSV (17.81)
5:35 p.m.	Budapest	Budapest Concert Orchestra: HAT4 (9.125)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:30 p.m.	Rome	English talk, "Italian Traditions": 2R08 (17.82) 2R04 (11.81)
7:40 p.m.	Rome	Operatic selections: 2R08 (17.82) 2R04 (11.81)
8:30 p.m.	Berlin	Self-made Men: DJL (15.11) DJD (11.77)
9:45 p.m.	London	Talk, "Life in France": GSD (11.75)
9:50 p.m.	Berlin	Jim and Johnny: DJD (11.77) DJL (15.11)

Friday, July 19

For programs broadcast daily see Daily Programs (Col. 1)

7:30 a.m.	London	"World Affairs": GSV (17.81)
4 p.m.	Buenos Aires	News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
4:45 p.m.	London	Talk, "This Land of Ours": GSD (11.75) GSP (15.31)
5:10 p.m.	Lisbon	Variety show: CSW7 (9.74)
5:30 p.m.	London	Talk, "World Affairs": GSD (11.75)
7 p.m.	London	"Britain Speaks": GSD (11.75)
7:15 p.m.	London	"At the Black Dog": GSD (11.75)
7:30 p.m.	Berlin	English talk by Lord Haw Haw: DJL (15.11)
9 p.m.	Guatemala	Opera, "La Boheme": TGWA (9.685)
9:45 p.m.	London	"World Affairs": GSD (11.75)

European News in English

Table with columns: Daily, Morning, Evening, Station, DIAL, CST, CDT, CITY. Lists broadcast times and frequencies for various European news programs.

Daily Programs, Sat., July 27, through Fri., Aug. 2

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Table with columns: CST, City, Program, Station. Lists broadcast programs for various cities from Berlin to Rome.

Saturday, July 27

Table with columns: CST, City, Program, Station. Lists broadcast programs for Saturday, July 27.

Sunday, July 28

Table with columns: CST, City, Program, Station. Lists broadcast programs for Sunday, July 28.

On Short Waves Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

BRITISH SHORT-WAVE PROGRAMS ARE REVAMPED TO MEET CRITICAL SITUATION

CRITICAL observers believe the hour for the long-threatened German invasion of the British Isles draws near, perhaps it will occur before this column reaches print. To meet the demands of this approaching zero hour in England, every activity has been stepped up to a terrific tempo...

BBC's mobile recording unit. Best reception is over GSD (11.75). Other important topical talks, together with the best hour and frequency for reception of each in North America, are given in the following list...

GENERAL NOTES: Nazi broadcasts are now being made regularly on a frequency of 15.24 megs, accompanied by the following announcement in German, French or occasionally English...

Table with columns: Time, Station, Program. Lists various broadcast programs and their frequencies.

Important Stations

Table with columns: Call letters, Frequency, Station name. Lists various international shortwave stations.

Table with columns: Time, Station, Program. Lists specific broadcast programs.

Monday, July 29

Table with columns: Time, Station, Program. Lists broadcast programs for Monday, July 29.

Tuesday, July 30

Table with columns: Time, Station, Program. Lists broadcast programs for Tuesday, July 30.

Wednesday, July 31

Table with columns: Time, Station, Program. Lists broadcast programs for Wednesday, July 31.

Thursday, August 1

Table with columns: Time, Station, Program. Lists broadcast programs for Thursday, August 1.

Friday, August 2

Table with columns: Time, Station, Program. Lists broadcast programs for Friday, August 2.

European News in English

Daily	EDT	EST	Morning	CITY	STATION	DIAL
	7:30 a.m.	6:30 a.m.	London	GSG	17.79	
	7:45 a.m.	6:45 a.m.	Berlin	DJL	15.11	
	9:00 a.m.	8:00 a.m.	London	GSV	17.81	
	9:15 a.m.	8:15 a.m.	Berlin	DJL	15.11	
	11:40 a.m.	10:40 a.m.	Rome	2R08	17.82	
Daily Afternoon						
	12:00 noon	11:00 a.m.	London	GSV	17.81	
	12:15 p.m.	11:15 a.m.	Berlin	DJB	15.20	
	2:00 p.m.	1:00 p.m.	London	GSI	15.26	
	3:25 p.m.	2:25 p.m.	Rome	2R06	15.30	
	4:50 p.m.	3:50 p.m.	London	GSP	15.31	
	5:30 p.m.	4:30 p.m.	Rome	2R04	11.81	
				2R08	17.82	
	5:45 p.m.	4:45 p.m.	London	GSP	15.31	
Daily Evening						
	7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20	
				DJD	11.77	
	7:30 p.m.	6:30 p.m.	London	GSD	11.75	
	8:15 p.m.	7:15 p.m.	Berlin	DJL	15.11	
				DJD	11.77	
	9:00 p.m.	8:00 p.m.	Budapest	HAT4	9.125	
	9:00 p.m.	8:00 p.m.	London	GSD	11.75	
	9:00 p.m.	8:00 p.m.	Moscow	RV96	15.18	
	9:00 p.m.	8:00 p.m.	Stock'm	SBT	15.155	
	9:15 p.m.	8:15 p.m.	Berlin	DJB	15.20	
				DJD	11.77	
	10:30 p.m.	9:30 p.m.	London	GSD	11.75	
	11:00 p.m.	10:00 p.m.	Rome	2R04	11.81	
				2R08	17.82	
	11:30 p.m.	10:30 p.m.	Berlin	DJL	15.11	
				DXB	9.61	
	1:00 a.m.	12:00 mid.	Berlin	DJD	11.77	
				DXB	9.61	
	2:15 a.m.	1:15 a.m.	London	GSD	11.75	
	2:30 a.m.	1:30 a.m.	Rome	2R03	9.63	
				2R06	15.30	

Daily Programs, Sat., Aug. 3, through Fri., Aug. 9

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EDT	City	Program	Station
7:30 a.m.	Melbourne	News (English)	VLK (9.58)
8 a.m.	Sydney, Australia	Broadcast for East Coast North American listeners; (8:30 a.m.) News (English); VLQ5 (9.58)	
11 a.m.	Saigon	News (English)	(11.78)
11:30 a.m.	Sydney, Australia	Broadcast for Pacific Coast listeners; (12 noon) News (English); VLQ5 (9.58)	
1:45 p.m.	Guatemala	Popular marimba music for North American listeners; TGWA (15.17)	
2 p.m.	Paris	Nazi-sponsored English program	(15.24)
3:15 p.m.	Berlin	English talk on war situation; DJL (15.11) DJB (15.20) (15.24)	
4 p.m.	Rome	Evening concert, with English announcements; 2R08 (17.82) 2R04 (11.81)	
4:15 p.m.	Berlin	Lord Haw Haw's propaganda talk in English; DJB (15.20) DJL (15.11)	
4:30 p.m.	Ankara, Turkey	Variety program from Ankara, Turkey; TAQ (15.195)	
4:45 p.m.	Berlin	Matters of Moment; DJB (15.20)	
5:15 p.m.	Berlin	Propaganda talk in English; DJB (15.20) DJL (15.11)	
5:30 p.m.	Rome	Listener's Corner (English); 2R08 (17.82) 2R04 (11.81)	
6 p.m.	Prague	Variety program from Bohemia; QLR4A (11.84)	
6:15 p.m.	Berlin	English news bulletin and reading of list of British soldiers; DZD (10.543)	
7 p.m. (ex. Sun.)	Jamaica	News (English); ZQ1 (4.75)	
7:05 p.m.		Variety program from Portugal for North American listeners; CSW7 (9.74)	
7:30 p.m.	Panama	News (English); HP5A (11.70)	
7:35 p.m.	Budapest	Variety program from Hungary for North American listeners; HAT4 (9.125)	
8 p.m.	Panama City	George Williams' English "Radio Newspaper"; HP5G (11.78)	
8 p.m.	Moscow	News, talks and music from Soviet Russia for North America; RV96 (15.18)	
8:30 p.m.	London	Britain Speaks; GSD (11.75)	
9 p.m.	Stockholm	Program from Sweden for listeners in North America; SBT (15.155)	
9 p.m.	Tokyo	Program for Eastern North America; (9:15 p.m.) News (English); JLS2 (17.845)	
9:45 p.m.	Berlin	Topical talk (English); DJL (15.11) DJD (11.77)	
10:30 p.m.	London	Radio News Reel for North American listeners; GSD (11.75)	
1 a.m.	Tunis	Variety program and news flashes; Radio Tunis (15.65)	
2 a.m.	Rome	Program for Pacific region; 2R06 (15.30) 2R03 (9.63)	
2 a.m.	San Francisco	News (English); KGE1 (9.53)	

Saturday, August 3

For programs broadcast daily see Daily Programs (Col. 1)

8:45 a.m.	London	London Log; GSV (17.81)
12 noon	San Francisco	Missionary Mail Bag; KGE1 (9.67)
7:30 p.m.	Martinique	Program of native creole music; Radio Martinique (9.705)
8 p.m.	London	London Log; GSD (11.75)
9:15 p.m.	London	The Week's Programs; GSD (11.75)
10:30 p.m.	Berlin	Dance tunes and political cabaret with Charlie; DJL (15.11) DJD (11.77)
11 p.m.	Bogota	Dance music; HJCT (9.63)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

WHAT WILL HAPPEN IF GERMAN TROOPS SEIZE THE BRITISH SHORT-WAVE STATION?

AT THE time of writing it still seems fantastic to believe that Hitler's troops can succeed in invading the British Isles and ultimately capturing the great Empire short-wave center at Daventry, near London. However, in the light of the incredible course of events that have transpired within the course of a few brief weeks nothing apparently is impossible, so it may come to pass that one of these days you may tune for London only to find the usual channels silent or perhaps to hear an unfamiliar announcer reading the news bulletin in English, but with a strong German accent, and spouting forth such stock phrases as we have learned to directly recognize as products of the amazing Nazi propaganda machine. This could of course only mean that the "Voice of the British Empire" had been added to the ever-growing Reich network. Should such an event take place would it still be possible to receive news concerning the Empire? In the British Isles there are more than a dozen powerful medium-wave, or standard, broadcast stations. It seems reasonable to believe that some of these stations are by now equipped for a quick change-over to short-wave frequencies, so if the main transmitting center falls it is quite probable that overseas broadcasts will continue from unnamed locations. The huge short-wave commercial telephone station at Rugby is also a possibility, since it could easily be adapted for broadcast use.

In addition there is the 2,000-watt short-wave station at Athlone, Ireland, which is still operating regularly on 9.595 and 17.84 megs. If the invasion goes according to plan the Germans would of course eventually try to seize or destroy all of

these various transmitters. Should such a plan be remotely possible it would take weeks, but even if every station in the British Isles was silenced news would somehow get through to the short-wave stations of the colonial empire, there to be relayed to the world. For example, there is TFJ (12.235), a 12,000-watt short-wave station at near-by Reykjavik, Iceland, which is already in the hands of the British and which is equipped with a directional antenna to North America, would provide fair reception for listeners in the United States. The next best bet insofar as reception in this country is concerned would be the British short-wave stations in Newfoundland, Canada and the Bahamas. In Newfoundland, VONG at St. John's, operates at the present time on a frequency of 5.97 megs for local reception but has an optional frequency of 9.48 megs, which is quite satisfactory for reception in this country. In Canada, there are several short-wave stations, none of high power, but the following are well heard in the eastern part of the United States; CFCX (6.005), Montreal; CFRX (6.07), Toronto, and CJRX (11.72), Winnipeg. ZNS2 (6.09) is located at Nassau in the Bahamas Islands and is well heard when reception conditions are favorable. This station is quite popular at present since the Duke of Windsor became governor of the islands. It is quite likely he will be heard frequently over this station.

The largest short-wave stations in the British Empire are located in Australia, South Africa and India, but due to their great distances from us they do not furnish regular reception. I will discuss these stations fully in an early issue of MOVIE AND RADIO GUIDE.

GENERAL NOTES: The "American Hour" from Rome, broadcast nightly from 9:15 to 11:10 p.m. EDT, is now being carried by the following network of stations: 2R08 (17.82), 2R014 (15.23), 2R015 (11.76), 2R04 (11.81) and 2R03 (9.63). The transmission for the Far East, which is often heard in the United States, is now broadcast from 11:35 a.m. to 12:30 p.m. EDT, over 2R08 (17.82), 2R06 (15.30) and 2R015 (11.76). . . According to Dorothy Hall of Springfield Gardens, L. I., New York, HAT4 (9.125), Budapest, is now being heard as late as 10 p.m. EDT, with the reading of the English news bulletin at approximately 9:00 p.m. EDT . . . TPC5 (15.24), Paris, France, now a Hitler station, is on the air daily from 1 to 4:15 p.m. EDT. An English program is broadcast from 2:00 to 2:45 p.m., with the news in English at 2:30 p.m. EDT . . . The Irish short-wave station, now called "Radio EIRE," is being heard both mornings and afternoons on a frequency of 17.84 megs . . . RV96 (15.18), Moscow, power 100,000 watts,

is on the air intermittently from 9:55 a.m. to 10:00 p.m. EDT, with broadcasts in English at 2:30, 4:00, 5:30 p.m. and from 8:00 to 9:00 p.m. EDT, for North America . . . LKQ (11.735), at Oslo, Norway, now under Nazi control, broadcasts to North America daily from 5:30 to 6:30 p.m. EDT, in parallel with LKV (15.17).

IN ASIA: G. C. Gallagher of San Francisco, California, notifies me that XPSA (Kweichow, Kweichow Province, China) will soon move to a new frequency of 8.48 megs, where it will broadcast daily from 6:40 a.m. to 12:45 p.m. and from 3:00 to 5:20 p.m. EDT . . . The Chinese International Broadcasting Station at Chungking, which has just undergone extensive alterations, has received the new call XG0Z, replacing the former dual call XG0V/XG0X . . . MTCY of Hsinking, Manchukuo, is now broadcasting as follows: On 9.545 megs, from 10:30 to 11:55 a.m. and on 11.785 megs, from 10:00 to 11:55 a.m. EDT.

2 a.m.—Tokyo—Japan Broadcasting Symphony Orchestra; JLS2 (17.845)

Sunday, August 4

For programs broadcast daily see Daily Programs (Col. 1)

10:30 a.m.	London	Advance program notices; GSV (17.81)
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10:45 a.m.—London—Industrial Britain; GSV (17.81)

11:45 a.m.—News (English); HP5G (11.78)

9 p.m.—Guatemala—Orchestra of Maestro Jose Molina Paillos, with noted soloists; TGWA (9.685)

9:15 p.m.—London—Go To It; GSD (11.75)

Important Stations

(Megacycles or thousands of kilocycles shown)

CJRX, Canada	11.72	TAQ, Turkey	15.195
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TGWA, Guatemala	15.17
DJD, "	11.77		9.685, 15.17
DJL, "	15.11	VLQ5, Australia	9.65
DXB, "	9.61	VLR, "	9.55
EAO, Spain	9.88	VLWS, "	9.645
EIRE, Ireland	17.84	WCAB, Philadelphia,	
GRX, England	9.89	Pa. 6.06, 9.59, 15.27	
GSB, "	9.51	WCEX, New York City,	
GSC, "	9.58	21.57, 15.27, 11.83,	
GSD, "	11.75	9.65, 6.17, 6.13	
GSI, "	15.14	WGEE, Schenectady,	
GSM, "	15.14	N.Y. 21.90, 15.33, 9.55	
GSN, "	11.82	WGEO, Schenectady,	
GSP, "	15.31	N.Y. 9.93	
GST, "	21.58	WLWO, Cincinnati,	
HAT4, Hungary	9.125	Ohio 21.65, 15.27,	
HBT, Switzerland	14.535	9.59, 11.87, 6.80	
HCB, "	14.41	4.100, 17.78	
HCTB, Ecuador	12.41	WNBI, New York City,	
HJCT, Colombia	9.63	WPIT, Pittsburgh, Pa.	
HP5A, Panama	11.70	21.94, 15.21, 11.87, 9.14	
HP5G, "	11.78	WRCA, N.Y. City, 9.67	
HVJ, Vatican City	11.74	WRUL-WRUW,	
JLS2, Japan	17.846	Boston, Mass.	
JZJ, "	11.80	15.25, 15.13, 11.79	
JZK, "	15.16	11.75, 6.04	
KGEI, San Francisco,	9.53, 9.67, 15.33	KEWW, Mexico	9.50
Calif. 17.97	2R04, "	KGXO, China	15.19
17.97	2R03, Italy	YGUG, Yugoslavia	15.24
KHE, Hawaii	17.97		9.63
KTO, "	11.88		11.81
MTCY, Manchukuo	11.78		15.30
RV96, "	6.03		17.82
SBT, Sweden	15.155		9.67
TAP, Turkey	9.465		15.23
			2R015, "
			11.76

9:30 p.m.—Tokyo—Orchestra selections by the Japan Broadcasting Symphony Orchestra; JLS2 (17.845)

9:30 p.m.—Berlin—English talk by Lord Haw Haw; DJL (15.11) DJD (11.77)

9:40 p.m.—Rome—Opera; 2R08 (17.82) 2R04 (11.81)

9:45 p.m.—London—Industrial Britain; GSD (11.75)

1:40 a.m.—Tokyo—English talk, "The China Continent as Appeared in American Literature"; JZK (15.16)

Monday, August 5

For programs broadcast daily see Daily Programs (Col. 1)

9:30 p.m.	Tokyo	Light music by Kawaguchi and His Band; JLS2 (17.845)
9:40 p.m.	Rome	Folk-songs; 2R08 (17.82) 2R04 (11.81)
9:45 p.m.	Berlin	Letter to Harry; DJL (15.11) DJD (11.77)
10:30 p.m.	Berlin	Club of Nations; DJL (15.11) DJD (11.77)
11:30 p.m.	London	To Talk of Many Things; GSD (11.75)
1:40 a.m.	Tokyo	English talk, "The Current Conditions in Japan"; JZK (15.16)

Tuesday, August 6

For programs broadcast daily see Daily Programs (Col. 1)

7 p.m. (Tues., Thurs., Sat.)	Quito, Ecuador	English travel talks about interesting spots in Ecuador; HCB (12.46)
9:30 p.m.	Berlin	English talk by Lord Haw Haw; DJL (15.11) DJD (11.77)
9:40 p.m.	Rome	EIAR Symphony Orchestra; 2R08 (17.82) 2R04 (11.81)
11 p.m.	Guatemala	Symphonic Concert; TGWA (9.685)
11:50 p.m.	Berlin	Topical talk by Lord Haw Haw; DJL (15.11) DJD (11.77)

Wednesday, August 7

For programs broadcast daily see Daily Programs (Col. 1)

9:30 a.m.	London	Matters of Moment; GSV (17.81)
6:30 p.m.	Martinique	English Hour; (9.705)
10 p.m.	Berlin	English talk by E. D. Ward; DJL (15.11) DJD (11.77)
11 p.m.	Guatemala	Opera, "Falstaff"; TGWA (9.685)
12 mid.	Guatemala	The Philatelic Hour; TG2 (6.19)
1:20 a.m.	Tokyo	Japanese music in historical perspective; JLS2 (17.845)

Thursday, August 8

For programs broadcast daily see Daily Programs (Col. 1)

7:30 p.m.	London	English newsletter for Canada; GSD (11.75)
8:30 p.m.	Budapest	Communications of the World Ass'n of Hungarians; HAT4 (9.125)
9:15 p.m.	London	Serial, "Rupert of Hentzau"; GSD (11.75)
10:30 p.m.	Berlin	Self-made Men in Germany; DJL (15.11) DJD (11.77)
11:50 p.m.	Berlin	Jim and Johnny; DJL (11.77) DJL (15.11)
12 mid.	Guatemala	Marimba Ensemble of the National Police Force; TGWA (9.685)

Friday, August 9

For programs broadcast daily see Daily Programs (Col. 1)

6 p.m.	Buenos Aires	News and Brazilian music; LRA5 (18.03) LRA1 (9.69)
6:30 p.m.	Berlin	Advance program notices; DJL (15.11) DJD (11.77)
7:10 p.m.	Lisbon	Variety show; CSW7 (9.74)
9:30 p.m.	Berlin	English talk by Lord Haw Haw; DJL (15.11) DJD (11.77)
9:30 p.m.	Tokyo	Military Music by the Naval Band; JLS2 (17.845)
9:45 p.m.	London	This Land of Ours; GSD (11.75)
11 p.m.	Guatemala	Radio Theater, "El Hogar Ajeno"; TGWA (9.685)
1:20 a.m.	Tokyo	"Sound of Japan," 24 hours of the Tokyo Airport; JLS2 (17.845)

European News in English

Table with columns: Daily EDT, EST, CITY, STATION, DIAL. Lists various European news programs in Morning and Evening sections.

Daily Programs, Sat., Aug. 10, through Fri., Aug. 16

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Table with columns: EDT, City, Program, Station. Lists daily programs from 7:30 a.m. to 2:30 a.m. across various cities like Berlin, London, Rome, etc.

Saturday, August 10

Table with columns: Time, Program, Station. Lists Saturday programs from 7:30 p.m. to 12 mid.

Sunday, August 11

Table with columns: Time, Program, Station. Lists Sunday programs from 10:30 a.m. to 1:45 p.m.

On Short Waves Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

SOVIET RUSSIA EXPANDS ITS SHORT-WAVE FACILITIES

SOVIET RUSSIA has been somewhat of a mystery element in the present European conflict. Without actually being a belligerent power it has played an active role in behind-the-scenes activities.

Short-wave activities, already on a huge scale, are being stepped up as rapidly as the engineering output of Soviet Russia will permit. Radio-Center, Moscow, huge and mysterious broadcasting headquarters for all radio activities in the Union, is open twenty-four hours daily.

FROM THE EUROPEAN ARENA: Broadcasts over the Hungarian short-wave station are now taking place according to the following revised schedule: Daily, over HAT4 (9.125), directed to South America, from 7 to 8:20 p.m. and directed to North America, from 8:30 to 10 p.m. EDT.

Table listing various radio stations and their frequencies, including Marimba Ensemble: TGWA (15.17), 5:15 p.m.—Guatemala—Marimba "Palma de Oro": TGWA (15.17), etc.

From an entertainment or educational standpoint the programs are at present of little value, since propaganda talks form the bulk of the program material. We Americans do not agree with or appreciate this Communist tirade, but we do like to be well informed and we certainly have a right to know what these totalitarian nations are saying about us and our American democratic mode of life.

MOSCOW FREQUENCIES (in megs): 7.52, 7.545, 9.465, 9.500, 9.600, 11.64, 11.71, 11.92, 12.00, 12.145, 15.04, 15.18, 15.39, 15.41, 15.50, 15.715, 15.735, 16.09 and 18.54.

MOSCOW BROADCASTS IN ENGLISH (Daily, EDT):

Table listing Moscow broadcasts in English with times and frequencies: 7:00 a.m. on 12.145 megs, 18.54 megs; 12:00 noon on 15.735 megs; 2:30 p.m. on 15.18, 9.52, 11.71 megs; 4:00 p.m. on 15.18, 9.52, 11.71 megs; 5:30 p.m. on 15.18, 9.52, 11.71 megs; 6:30 p.m. on 15.18, 9.52, 7.545 megs; 8:00 a.m. on 15.18, 9.52 megs; 4:00 a.m. on 15.18 megs.

MOSCOW PROGRAMS TO NORTH AMERICA (Daily, EDT):

Table listing Moscow programs to North America: 8:00 to 9 p.m. (English), and 9:00 to 9:20 p.m. (French) over RV96 (15.18), RKI (15.04), RNE (12.00), RAN (9.600).

Best reception is afforded by RV96, which is sometimes as loud as a local station. RKI, RNE and RAN are heard irregularly with fair signal-strength, but the last-named station is on a frequency unsuitable for summer reception.

being sent out daily from 12 mid. to 12:30 a.m. EDT, over ZR08 (17.82), ZR06 (15.30) and ZR015 (11.76).

GENERAL NOTES: The presidential elections are over in Cuba, with nominee Colonel Fulgencio Batista the winner, but short-wave station COK, which was put on the air for the sole purpose of electioneering for him, is still broadcasting. According to Charles Ramirez of Havana, Cuba, COK now operates on dual frequencies of 11.57 and 16.200 megs, daily from 1 p.m. to 12:30 a.m. EDT.

Table listing various radio stations and their frequencies: 9 p.m.—Guatemala—Orchestra of Maestro Jose Molinas Pinillos, with noted soloists: TGWA (9.685); 9:15 p.m.—London—Go to It: GSD (11.75); 9:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77).

Important Stations

(Megacycles or thousands of kilocycles shown)

Table listing various international radio stations and their frequencies, such as CJRX, Canada 11.72; CSW7, Portugal 9.735; DJL, Germany 15.20; GSV, London 17.81; etc.

- 9:40 p.m.—Rome—Opera: ZR08 (17.82) ZR04 (11.81)
11 p.m.—Guatemala—The Exquisite Hour: TGWA (9.685)
1:40 a.m.—Tokyo—English talk, "Mental Traits of the Japanese and the Americans": JZK (15.16)

Monday, August 12

- For programs broadcast daily see Daily Programs (Col. 1)
11 a.m.—London—To Talk of Many Things: GSV (17.81)
6:30 p.m.—Martinique—English Hour: (9.705)
9 p.m. (Mon., Wed., Sat.)—Panama City—Band Concert, with guest stars: HPSG (11.78)
9:45 p.m.—Berlin—Letter to Harry: DJL (15.11) DJD (11.77)
10 p.m.—Berlin—Talk by E. D. Ward: DJL (15.11) DJD (11.77)
10:45 p.m.—Rome—ZRO's Mail Bag: ZR08 (17.82) ZR04 (11.81)
11:30 p.m.—London—To Talk of Many Things: GSD (11.75)

Tuesday, August 13

- For programs broadcast daily see Daily Programs (Col. 1)
7 p.m. (Tues., Thurs., Sat.)—Quito, Ecuador—English travel talks about interesting spots in Ecuador: HCJB (12.46)
9:40 p.m.—Rome—Eiar Symphony Orchestra: ZR08 (17.82) ZR04 (11.81)
11 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)
11:50 p.m.—Berlin—Topical talk by Lord Haw Haw: DJL (17.77) DJL (15.11)
1:40 a.m.—Tokyo—Let's Tune In Hour: JZK (15.16)

Wednesday, August 14

- For programs broadcast daily see Daily Programs (Col. 1)
9:30 a.m.—London—Matters of Moment: GSV (17.81)
7:30 p.m.—London—Talk, "Matters of Moment": GSD (11.75)
10 p.m.—Berlin—English talk by E. D. Ward: DJL (11.77) DJL (15.11)
10:30 p.m.—Berlin—Political cabaret with Charlie: DJL (11.77) DJL (15.11)
11 p.m.—Guatemala—Opera, His Majesty's Ship, "Pinnace": TGWA (9.685)
12 mid.—Guatemala—The Philatelic Hour: TG2 (6.19)

Thursday, August 15

- For programs broadcast daily see Daily Programs (Col. 1)
7:30 p.m.—London—English newsletter for Canada: GSD (11.75)
9:15 p.m.—London—Serial, "Rupert of Hentzau": GSD (11.75)
9:30 p.m.—Tokyo—Business Life in Modern Japan: JLS2 (17.845)
9:45 p.m.—Berlin—Topical talk in English: DJL (15.11) DJD (11.77)
11:50 p.m.—Berlin—Jim and Johnny: DJL (11.77) DJL (15.11)
12 mid.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.685)

Friday, August 16

- For programs broadcast daily see Daily Programs (Col. 1)
6 p.m.—Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
6:30 p.m.—Berlin—Advance program notices: DJL (15.11) DJD (11.77)
7:10 p.m.—Lisbon—Variety show: CSW7 (9.74)
7:30 p.m.—London—Talk, "World Affairs": GSD (11.75)
9:15 p.m.—London—At the Black Dog: GSD (11.75)
9:40 p.m.—Rome—Request selections: ZR08 (17.82) ZR04 (11.81)
9:45 p.m.—London—This Land of Ours: GSD (11.75)
11 p.m.—Guatemala—Radio Theater, "La Jaula de la Leona": TGWA (9.685)
1:20 a.m.—Tokyo—Light music by Sugii and His Band: JZK (15.16)

European News in English

STATION	DIAL
3:30 a.m. PST	17.79
3:45 a.m. MST	15.11
5:00 a.m. CST	17.81
5:15 a.m. EST	15.11
7:40 a.m. Rome	17.82
8:00 a.m. London	17.81
8:15 a.m. Berlin	15.20
10:00 a.m. London	15.26
11:25 a.m. Rome	15.30
12:30 p.m. Rome	17.82
12:50 p.m. London	15.23
1:30 p.m. Rome	15.31
1:45 p.m. London	11.81
3:00 p.m. Berlin	17.82
3:30 p.m. London	15.31
4:15 p.m. Berlin	15.11
5:00 p.m. Budapest	11.77
5:00 p.m. London	9.125
5:00 p.m. Moscow	11.75
5:00 p.m. Stock'm	15.18
5:15 p.m. Berlin	15.155
Daily Evening	
6:30 p.m. London	DJL 11.75
7:00 p.m. Rome	2R04 11.81
7:30 p.m. Berlin	2R08 17.82
9:00 p.m. Berlin	DJL 11.77
10:15 p.m. London	DJL 11.77
10:30 p.m. Rome	DXB 9.61
	DJL 11.77
	DXB 9.61
	GSD 11.75
	2R03 9.63
	2R06 15.30

Daily Programs, Sat., Aug. 17, through Fri., Aug. 23

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

PST City	Program	Station
3:30 a.m.	Berlin—Variety program for North American listeners	DJL (15.11)
6 a.m.	Chungking, China—National Chinese program for North America	XGOY (9.64)
7:30 a.m.	Sydney, Australia—Broadcast for Pacific Coast listeners; (8 a.m.) News (English)	VLQ5 (9.68)
8:10 a.m.	Berlin—Variety and propaganda talks in English for North America	DJB (15.20) DJL (15.11)
9:45 a.m.	Guatemala—Popular marimba band music for North America	TGWA (15.17)
10:30 a.m.	Guatemala—Luncheon Hour Concert	TGWA (15.17)
11:15 a.m.	Berlin—English talk about war situation	DJL (15.11) DJB (15.20) (15.24)
12 noon	Rome—Evening concert with English announcements	2R08 (17.82) 2R04 (11.81)
12:15 p.m.	Berlin—Lord Haw Haw's propaganda talk in English	DJB (15.20) DJL (15.11)
1:30 p.m.	Oslo—Program for Norwegians in the United States	LKV (15.17)
1:30 p.m.	Rome—Listener's Corner (English)	2R08 (17.82) 2R04 (11.81)
1:50 p.m.	Berlin—Evening program for North America	DJL (15.11) DJZ (11.797)
2:30 p.m.	Moscow—News (English)	RV96 (15.18)
3 p.m. (ex. Sun.)	Jamaica—News (English)	ZQ1 (4.75)
3:05 p.m.	Variety program from Portugal for North American listeners	CSW7 (9.74)
3:30 p.m.	Panama—News (English)	HP5A (11.70)
3:30 p.m.	Martinique—News (English)	(9.705)
4 p.m.	Chungking, China—National Chinese program for North America	XGOY (15.20)
4 p.m.	Panama City—George Williams' English "Radio Newspaper"	HP5G (11.78)
4 p.m.	Moscow—News, talks and music from Soviet Russia for North America	RV96 (15.18) RKJ (15.04) RNE (12) RAN (9.60)
4:30 p.m.	Budapest—Variety program from Hungary for North American listeners	HAT4 (9.125)
5 p.m.	Stockholm—Program from Sweden for listeners in North America	SBT (15.155)
5 p.m.	Tokyo—Program for eastern North America; (5:15 p.m.) News (English)	JLS2 (17.845)
5:30 p.m.	Belize, British Honduras—News (English)	ZIK2 (10.60)
5:45 p.m.	Berlin—Topical talk (English)	DJL (15.11) DJD (11.77)
6 p.m.	Berlin—English talk, "Matters of Moment"	DJL (15.11) DJD (11.77)
6 p.m.	Quito, Ecuador—Friendship Hour (English)	HCBJ (12.46)
6 p.m.	Belgrade—Program for Yugoslav listeners in United States	YUG (15.24)
7 p.m.	Rome—Experimental broadcasts for North America	2R06 (15.30) 2R08 (17.82)
9 p.m.	Paris—Nazi-sponsored variety program	(9.52)
9:03 p.m.	Tokyo—News (English)	JZK (15.16)
10 p.m.	Rome—Program for Pacific regions	2R06 (15.30) 2R03 (9.63)
1 & 3:30 a.m.	Melbourne—News (English)	VLR (9.58)

Saturday, August 17

For programs broadcast daily see Daily Programs (Col. 1)

4:45 a.m.—London—London Log: GSV (17.81)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

NBC-RCA SELLS UNITED STATES TO THE WORLD

WHILE European short-wave stations work on a twenty-four-hour basis turning out war-propaganda news for world consumption, our own international stations are also providing a world radio service but of a different sort. Our own programs for reception in foreign countries include unbiased newscasts, talks on timely subjects, eye-witness accounts of major sporting-events, broadcasts of opera and symphonic concerts and dance music by name bands.

Outstanding among our international stations are twin transmitters WRCA and WNBI, which are operated by the Radio Corporation of America and the National Broadcasting Company. Uninterrupted short-wave broadcasting by RCA-NBC was begun from the United States to the rest of the world in 1928. During the next decade, interest in short-wave reception and the number of short-wave stations on the air had increased to such a tremendous extent that RCA-NBC felt it was time to expand its program service. In July of 1937 a completely reorganized and expanded short-wave service that included programs sixteen hours a day and in six languages was officially inaugurated. Now, with the entire world depending upon us for unbiased news as well as for "laughs" and entertainment to relieve the strain of living under war conditions, NBC once again has moved to meet this demand by increasing the power of its two transmitters to 50,000 watts each. The extensive system of beam aerials, which now serve European and Latin-American audiences, are also being further improved.

The International Division of NBC, which now consists of a staff of more than forty men and women headed by capable Guy C. Hickok, has just moved to larger quarters in Radio City. This group plans, prepares copy for and directs all international programs broadcast by WRCA and WNBI. That these programs are popular with foreign listeners may be judged from the fact that more than forty thousand letters were received in 1939 from listeners in eighty-two countries. This year more than sixty thousand letters are expected. The whole south wall of the International Division

FROM THE WAR ZONES: According to Robert Skyten of East Brookfield, Mass., EIRE (17.84), Athlone, Ireland, operates to 9:30 a.m. and then shifts to a frequency of 6.19 megas from 9:30 to 10:30 a.m. PST . . . PCJ2 (15.22), former Philipps station at Huizen, Holland, is now being heard again under German control. It operates mornings

and songs from the Isles: KIO (11.68) or KHE (17.97) 5:30 p.m.—Tokyo—Light music by Suggi and His Band: JLS2 (17.845) 6:30 p.m.—Berlin—Dance tunes and political cabaret: DJD (11.77) DJL (15.11)

offices is covered by hundreds of photographs of listeners, thousands of envelopes bearing strange and interesting stamps, and many other curios—even the footprints signature of a favorite dog—which all bear testimony to the tremendous listener interest in these programs. The RCA-NBC stations are not only received with loud signal-strength in Latin America and Europe, territories to which they are specifically beamed, but they are also well heard throughout the major portions of the United States, and provide many interesting programs for our own English, Spanish, Portuguese, German, French and Italian listeners. Following is a detailed outline of the main programs broadcast daily over RCA-NBC international stations WNBI and WRCA. Time is Pacific Standard.

- 5:00-10:00 a.m.—English Hours—directed to Europe over WNBI (17.78), and 9:00-10:00 a.m. directed to Latin America over WRCA (21.63)
- 5:00 a.m.—Music varieties
- 6:00 a.m.—English news
- 6:05 a.m.—Musical interlude
- 7:00 a.m.—Melody Matinee
- 8:00 a.m.—English news
- 8:15 a.m.—Program resume
- 8:30 a.m.—Features: Sun., Calling All Stamp Collectors; Mon., Thurs., Sat., The Mail Bag
- 8:45 a.m.—Classic music
- 9:00 a.m.—English news
- 9:15 a.m.—Musical Intermezzo
- 9:30 a.m.—Features: Sun., Highlights from Hollywood; Mon., Thurs., Sat., The Mail Bag; Tues., Drama Time; Wed., "American Aviation"; Fri., Talk, "Radio Magic"
- 10:00 a.m.—1:00 p.m.—Foreign Programs—directed to Europe over WNBI (17.78), and to Latin America over WRCA (21.63)
- 10:00-11:00 a.m.—Italian Hour (News in Italian at 10:00 a.m.)
- 11:00 a.m.—12:00 noon—German Hour (News in German at 11:00 a.m.)
- 12:00 noon-1:00 p.m.—French Hour (News in French at 12:00 noon)
- 1:00-7:00 p.m.—Latin Program—directed to Latin America over WRCA (9.67), and from 1:00 to 5:45 p.m. over WNBI (17.78), and from 6:00 to 7:00 p.m. over WNBI (6.10)
- 1:00-2:00 p.m.—Portuguese Hour (News in Portuguese at 1:00 p.m.)
- 2:00-4:00 p.m.—Spanish Hour (News in Spanish at 2:00 and 3:00 p.m.)
- 4:00-5:00 p.m.—Portuguese Hour (News in Portuguese at 4:00 p.m.)
- 5:00-7:00 p.m.—Spanish Hour (News in Spanish at 5:00 p.m.)
- 6:15 p.m.—Tues., Xavier Cugat.
- 6:15 p.m.—Wed., Tommy Dorsey.
- 7:00-8:00 p.m.—American Hour—directed to Latin America over WNBI (6.10) and WRCA (9.67)
- 7:00 p.m.—English news
- 7:15 p.m.—Dance or classic music
- 7:30 p.m.—Features: Mon., Sat., NBC Forum; Tues., "Mail Bag"; Wed., Drama Time; Thurs., "American Aviation"; Fri., "The World is Yours"
- 8:00-9:00 p.m.—Spanish Hour—directed to Latin America over WNBI (6.10) and WRCA (9.67)
- 9:00 p.m.—Sign off.

1 p.m.—Lima, Peru—Program of Peru Automobile Club for North American listeners: OAX4R (15.15) 3:30 p.m.—Martinique—Program of native creole music: Radio Martinique (9.705) 5 p.m.—Honolulu—"Hawaii Calls." Native music

Important Stations

(Megacycles or thousands of kilocycles shown)

CJR.X, Canada	11.72	TAQ, Turkey	15.195
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TGWA, Guatemala	9.653, 15.17
DJL, "	15.11	VLQ5, Australia	9.68
DXB, "	9.61	VLR, "	9.68
EAQ, Spain	9.86	VLR3, "	9.645
EIRE, Ireland	17.84	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GRX, England	9.09	WCBX, New York City	21.57, 15.27, 11.83
GSD, "	9.51	"	9.65, 6.17, 6.12
GSC, "	9.58	WGAA, Schenectady, N.Y.	21.50, 15.33, 9.55
GSD, "	11.75	WGEO, Schenectady, N.Y.	9.53
GSF, "	15.14	WLWO, Cincinnati, Ohio	21.65, 15.27
GSG, "	17.79	"	9.59, 11.87, 6.06
GSH, "	21.47	WNBI, New York City	6.100, 17.78
GSI, "	15.26	"	"
GSI, "	21.58	"	"
GSN, "	11.52	"	"
GSF, "	15.31	"	"
GSV, "	17.81	"	"
HAT4, Hungary	9.125	"	"
HB1, Switzerland	14.535	WPIT, Pittsburgh, Pa.	21.54, 15.21, 11.87, 6.14
HCBJ, Ecuador	12.46	WRCA, N.Y. City	9.67
HJCT, Colombia	9.63	WRUL-WRUV, Boston, Mass.	15.25, 15.13, 11.79
HP5A, Panama	11.70	"	11.73, 6.04
HP5G, "	11.78	"	"
HVJ, Vatican City	11.74	XGOY, China	15.19
JLS2, Japan	17.845	XGOY, "	11.90
JZK, "	11.80	YUG, Yugoslavia	15.24
JZK, "	15.16	"	9.63
KHE, San Francisco, Calif.	8.53, 9.67, 15.33	2R03, Italy	11.81
KIO, Hawaii	17.97	2R04, "	15.30
LKV, Norway	11.68	2R06, "	17.82
LKV, "	15.17	2R08, "	9.67
MTCY, Manchukuo	15.18	2R09, "	15.23
RV96, "	6.05	2R04, "	15.23
SBT, Sweden	15.155	2R015, "	11.76
TAP, Turkey	9.465	"	"

9:40 p.m.—Tokyo—Children's Hour: JZK (15.16)

Sunday, August 18

For programs broadcast daily see Daily Programs (Col. 1)

9:45 a.m.—Guatemala—Request program by the Marimba Ensemble: TGWA (15.17)

12:30 p.m.—Guatemala—"Orquesta Popular" of the National Police Force: TGWA (15.17)

1:30 p.m.—Honolulu—Voice of Hawaii: KHE (17.97)

1:55 p.m.—Berlin—Program preview: DJL (15.11)

5:40 p.m.—Rome—Opera: 2R08 (17.82) 2R04 (11.81)

7 p.m.—Guatemala—The Exquisite Hour: TGWA (9.685)

9:40 p.m.—Tokyo—English talk, "Christian Activities in Japan": JZK (15.16)

Monday, August 19

For programs broadcast daily see Daily Programs (Col. 1)

2:30 p.m.—Martinique—English Hour: (9.705)

5 p.m. (Mon., Wed., Sat.)—Panama City—Band Concert, with guest stars: HP5G (11.78)

5:45 p.m.—Switzerland—Program of folk and popular music; latest war news and political talks: HB1 (14.535)

7:30 p.m.—London—"To Talk of Many Things": GSD (11.75)

9:40 p.m.—Tokyo—English talk, "Greetings to America": JZK (15.16)

Tuesday, August 20

For programs broadcast daily see Daily Programs (Col. 1)

11:15 a.m. (Tues., Thurs., Sat.)—Lisbon—Program for English listeners, including music, variety and topical talks in English: CSW7 (9.74)

3:45 p.m. (Tues., Thurs., Sat.)—Cincinnati—H. V. Kaltenborn, news: WLWO (15.27)

5:15 p.m.—London—Variety, "Hi Gang": GSD (11.75)

5:40 p.m.—Rome—Eiar Symphony Orchestra: 2R08 (17.82) 2R04 (11.81)

7 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)

Wednesday, August 21

For programs broadcast daily see Daily Programs (Col. 1)

5:30 a.m.—London—Matters of Moment: GSV (17.81)

2:30 p.m.—Martinique—English Hour: (9.705)

5:30 p.m.—Tokyo—English talk, "Hobbies and Home Life in Japan": JLS2 (17.845)

7 p.m.—Guatemala—Opera, "La Traviata": TGWA (9.685)

8 p.m.—Guatemala—The Philatelic Hour (6.19)

Thursday, August 22

For programs broadcast daily see Daily Programs (Col. 1)

3:30 p.m.—London—English newsletter for Canada: GSD (11.75)

4 p.m.—London—Talk in collaboration with Canadian Broadcasting Corporation: GSD (11.75)

5:15 p.m.—London—Serial, "Rupert of Hentzau": GSD (11.75)

5:30 p.m.—Tokyo—Choral Selections by the Japan Broadcasting Chorus: JLS2 (17.845)

5:45 p.m.—Berlin—Topical talk in English: DJL (15.11) DJD (11.77)

8 p.m.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.685)

Friday, August 23

For programs broadcast daily see Daily Programs (Col. 1)

1 p.m.—Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)

4:15 p.m.—Lisbon—"Saudade," program especially compiled for Portuguese residents in North America: CSW7 (9.74)

5:40 p.m.—Rome—Request selections: 2R08 (17.82) 2R04 (11.81)

6 p.m.—Berlin—English talk by E. D. Ward: DJL (15.11) DJD (11.77)

7 p.m.—Guatemala—Radio Theater, "Sobrevivire": TGWA (9.685)

European News in English

Daily EDT	Morning EST	CITY	STATION	DIAL
7:30 a.m.	6:30 a.m.	London	GSG	17.79
7:30 a.m.	6:30 a.m.	Berlin	DJL	15.11
9:00 a.m.	8:00 a.m.	London	GSV	17.81
9:15 a.m.	8:15 a.m.	Berlin	DJL	15.11
11:40 a.m.	10:40 a.m.	Rome	2R08	17.82

Daily	Afternoon			
12:00 noon	11:00 a.m.	London	GSV	17.81
12:30 p.m.	11:30 a.m.	Berlin	DJB	15.20
2:00 p.m.	1:00 p.m.	London	GSI	15.26
3:15 p.m.	2:15 p.m.	Berlin	DJB	15.20
3:25 p.m.	2:25 p.m.	Rome	2R06	15.30
4:30 p.m.	3:30 p.m.	Rome	2R08	17.82

Daily	Evening			
4:30 p.m.	3:30 p.m.	Berlin	DJB	15.20
4:50 p.m.	3:50 p.m.	London	GSP	15.31
5:30 p.m.	4:30 p.m.	Rome	2R04	11.81
			2R08	17.82
5:45 p.m.	4:45 p.m.	London	GSP	15.31

Daily	Evening			
7:00 p.m.	6:00 p.m.	Berlin	DJL	15.11
			DJD	11.77
7:30 p.m.	6:30 p.m.	London	GSD	11.75
8:15 p.m.	7:15 p.m.	Berlin	DJL	15.11
			DJB	15.11

Daily	Evening			
9:00 p.m.	8:00 p.m.	Budapest	HAT4	9.125
9:00 p.m.	8:00 p.m.	London	GSD	11.75
9:00 p.m.	8:00 p.m.	Moscow	RV96	15.18
9:00 p.m.	8:00 p.m.	Stock'm	SBT	15.155
9:15 p.m.	8:15 p.m.	Berlin	DJL	15.11
			DJD	11.77

Daily	Evening			
10:30 p.m.	9:30 p.m.	London	GSD	11.75
11:00 p.m.	10:00 p.m.	Rome	2R04	11.81
			2R08	17.82
11:30 p.m.	10:30 p.m.	Berlin	DJL	15.11
			DJB	15.11

Daily	Evening			
1:00 a.m.	12:00 mid.	Berlin	DJL	15.11
			DJB	15.11
2:15 a.m.	1:15 a.m.	London	GSD	11.75
2:30 a.m.	1:30 a.m.	Rome	2R03	9.63
			2R06	15.30

Daily Programs, Sat., Aug. 24, through Fri., Aug. 30

The programs listed here are broadcast daily at the same time. Exceptions are indicated.

EDT	City	Program	Station
5 & 7:30 a.m.	Melbourne	News (English):	VLR (9.58)
7 a.m.	Berlin	Variety program for North American listeners:	DJL (15.11)
8:30 a.m.	Sydney	Broadcast for East Coast North American listeners:	VLQ5 (9.68)
10 a.m.	Chungking, China	National Chinese program for North America:	XGOY (9.64)
10:15 & 11:30 a.m. (ex. Sat., Sun.)	New York City	CBS International News (English):	WCBX (17.83)
11:30 a.m.	Sydney, Australia	Broadcast for Pacific Coast listeners: (12 noon) News (English):	VLQ5 (9.68)
12:30 p.m.	Berlin	Variety and propaganda talks in English for North America:	DJB (15.20)
1:45 p.m.	Guatemala	Popular marimba band music for North America:	TGWA (15.17)
2:30 p.m.	Guatemala	Luncheon Hour Concert:	TGWA (15.17)
3:15 p.m.	Berlin	English talk about the war situation:	DJB (15.20)
4 p.m.	Rome	Evening concert with English announcements:	2R08 (17.82) 2R04 (11.81)
4:30 p.m.	Berlin	Lord Haw Haw's propaganda talk in English:	DJB (15.20)
4:30 & 7:15 p.m. (ex. Sat., Sun.)		Christian Science Monitor World News:	WRUL (15.25, 11.79)
5 p.m.	Berne, Switzerland	Experimental broadcast from new Swiss govt. station:	(6.17)
5:30 p.m.	Rome	Listeners' Corner (English):	2R08 (17.82) 2R04 (11.81)
5:50 p.m.	Berlin	Evening program for North America:	DJL (15.11) DJD (11.77) or DJZ (11.8)
7:05 p.m.		Variety program for Portugal for North American listeners:	CSW7 (9.74)
7:10 p.m.	Sydney	Australian program for listeners in eastern North America:	VLQ (17.80)
7:30 p.m.	Martinique	News (English):	(9.705)
8 p.m.	Chungking, China	National Chinese program for North America:	XGOY (15.20)
8 p.m.	Panama City	George Williams' English Radio Newspaper:	HP5G (11.78)
8:30 p.m.	Budapest	Variety program from Hungary for North American listeners:	HAT4 (9.125)
9 p.m.	Stockholm	Program from Sweden for listeners in North America:	SBT (15.155)
9 p.m.	Tokyo	Program for eastern North America: (9:15 p.m.) News (English):	JLS2 (17.845)
9:15 p.m.	Rome	"American Hour" for listeners in North America:	2R08 (17.82) 2R04 (11.81) 2R014 (15.23) 2R015 (11.76) 2R03 (9.63)
10 p.m.	Berlin	English talk, "Matters of Moment":	DJL (15.11) DJD (11.77)
10 p.m.	Quito, Ecuador	Friendship Hour (English):	HCJB (12.46)
10 p.m.	Belgrade	Program for Yugoslav listeners in the United States:	YUG (15.24)
10:30 p.m.	London	Radio Newsreel for North American listeners:	GSD (11.75)
1 a.m. (ex. Sun.)	Paris	Nazi-sponsored variety program:	(9.52)
1:03 a.m.	Tokyo	News (English):	JZK (15.16)
2 a.m.	Sydney	Program from Australia for Pacific Coast listeners:	VLQ (17.80)
2 a.m.	Rome	Program for Pacific regions:	2R06 (15.30) 2R03 (9.63)

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

HOW TO LISTEN TO GERMANY

DR. GOEBBELS' German propaganda machine is working overtime these days in a supreme effort to break the morale of the British civil population. For added emphasis, the Nazi-controlled short-wave stations in Norway, France and Holland are also on the air broadcasting clever bits of sarcasm and ironic humor designed to bolster the courage and enthusiasm of German troops while at the same time weakening the morale of the opposing forces.

These German propaganda efforts are not crude, bungling or poorly prepared, but on the contrary are in many cases brilliant, logical and witty. They are dangerously effective because they are so logical. Scores of research workers are kept busy in the German propaganda department doing nothing but digging up quotations from British speeches—many of them delivered years ago—and from British press items, which can now be successfully turned to Nazi advantage in this war of words against the British Empire. These clever satiric tirades are then delivered at the microphone by such past masters of oratory as Lord Haw Haw, Lord Hee Haw, E. D. Ward, Fred Kaltenbach and Hans Fritzsche. In listening to these broadcasts from the German short-wave station you must bear in mind that these broadcasts are propaganda pure and simple and designed for a very definite and specific purpose, and are therefore to be taken with the proverbial "grain of salt." Germany is anxious that we listen to its side in the war of words and towards this end is now directing broadcasts specifically to North America for thirteen hours each day. Listen and draw your own conclusions. That is the democratic way.

The German short-wave station broadcasts to North America, daily as follows: From 7 to 10 a.m. over DJL (15.11); from 12:30 to 12:45 p.m. over DJB (15.20); from 3:15 to 3:30 p.m. over DJB (15.20); from 4:30 to 5 p.m. over DJB (15.20); from 5:50 p.m. to 12 mid. over DJL (15.11) and DJD (11.77) and occasionally DJZ (11.801), and from 8 p.m. to 2 a.m. EDT over DXB (9.61). News bulletins in English are broadcast over the German short-wave station daily as follows: At 7:30 a.m. over DJL (15.11); at 9:15

a.m. over DJL (15.11); at 12:30 p.m. over DJB (15.20); at 3:15 p.m. over DJB (15.20); at 4:30 p.m. over DJL (15.11) and DJD (11.77); at 9:15 p.m. over DJL (15.11) and DJD (11.77); at 11:30 p.m. over DJL (15.11), DJD (11.77) and DXB (9.61), and at 1 a.m. EDT over DXB (9.61).

The following propaganda broadcasts in English are regular items in the programs of the German short-wave station: Saturdays at 9:30 p.m., "Mirror of German Progress"; at 9:45 p.m., Fred Kaltenbach; at 10:20 p.m., "Fritz and Fred"; at 10:30 p.m., "Charley's Cabaret," and at 11:50 p.m., "Hot Off the Wire." Sundays at 8:15 and 9:45 p.m., topical talks; at 11:30 p.m., "Germany As I See It." Mondays at 8:15 p.m., topical talk; at 9:30 p.m., "Listen and Judge for Yourself"; at 9:45 p.m., "Dear Harry"; at 10 p.m., "O. K. Speaking"; at 10:20 p.m., talk by E. D. Ward, and 11:50 p.m., a topical talk. Tuesdays at 8:15 p.m., Press Review; at 10 p.m., "O. K. Speaking"; at 10:20 p.m., a Rieder talk; at 10:30 p.m., a topical talk, and at 11:50 p.m., "Anglo-American Relations." Wednesdays at 6:30 p.m., "Through a Woman's Eyes"; at 8:15 p.m., a topical talk; at 10:20 p.m., talk by E. D. Ward, and at 10:30 p.m., "Charley's Cabaret." Thursdays at 8:15 p.m., Press Review; at 10:20 p.m., a Rieder talk; at 10:30 p.m., "Self-made Men Who Made Germany"; at 11:50 p.m., "Jim and Johnny." Fridays at 10:20 p.m., talk by E. D. Ward. In addition to the above, well-known Lord Haw Haw may be heard on Tuesdays, Fridays and Sundays at 9:30 p.m. EDT, and at other unannounced times. All of the foregoing broadcasts may be heard over DJL (15.11) and DJD (11.77).

Despite the present fury of the conflict, symphonic and light musical offerings may still be heard from Germany; for example, concerts of classical or chamber-music are broadcast daily at 6 and 7:15 p.m. EDT over DJL (15.11) and DJD (11.77). On Tuesdays at 7:15 p.m. EDT, the Berlin Philharmonic Orchestra entertains. Each evening, from about 8:15 p.m. EDT on, the program consists almost exclusively of propaganda talks and news items in German or English, punctuated by short musical or comic interludes.

GENERAL NOTES: According to a letter received by L. M. Clark of Snyder, New York, from "Radio Maroc" at Rabat, Morocco, that station is still on the air and operating daily on 11.94 megs, with a power of 15,000 watts, daily from 3:15 to 3:45 a.m., from 8:00 to

10:30 a.m., and from 1:30 to 5:00 p.m. EDT. . . . The Nazi-controlled Oslo, Norway, station is reported to be operating again as follows: Over LKJ (6.13), from 4:00 to 5:30 and over LKV (15.17) and LKQ (11.735), from 5:30 to 6:30 p.m. EDT.

Saturday, August 24

For programs broadcast daily see Daily Programs (Col. 1)

5 p.m.	Lima, Peru	Program of Peru Automobile Club for North American listeners:	OAX4R (15.15)
7:30 p.m.	Martinique	Program of native creole music:	Radio Martinique (9.705)

Important Stations

(Megacycles or thousands of kilocycles shown)			
CJRX, Canada	11.72	TAQ, Turkey	15.195
CSW7, Portugal	9.735	TG2, Guatemala	6.195
DJB, Germany	15.20	TGWA, Guatemala	9.685, 15.17
DJL, " "	15.11	VLQ5, Australia	9.68
DXB, " "	9.61	VLR, " "	9.58
EAQ, Spain	9.86	VW3, " "	9.045
EIRE, Ireland	17.84	WCAB, Philadelphia, Pa.	6.06, 9.59, 15.27
GRX, England	9.69	WCBX, New York City	21.57, 15.27, 11.83
GSB, " "	9.51	WGEA, Schenectady, N. Y.	21.50, 15.33, 9.55
GSD, " "	9.88	WGEO, Schenectady, N. Y.	9.53
GSI, " "	15.14	WLWO, Cincinnati, Ohio	21.65, 15.27
GSP, " "	15.79	WNBI, New York City	9.59, 11.87, 6.06
HAT4, Hungary	9.125	WRCA, N. Y. City	9.67
HBJ, Switzerland	14.535	WRUL-WRUV, Boston, Mass.	15.25, 15.13, 11.79
HCB, Ecuador	12.46	XGOX, China	15.19
HJCT, Colombia	8.63	XGOY, " "	11.90
HP5A, Panama	11.78	YUG, Yugoslavia	15.24
HP5G, " "	11.78	2R03, Italy	9.63
HVJ, Vatican City	11.74	2R04, " "	11.81
JLS2, Japan	17.845	2R06, " "	15.30
JZK, " "	11.80	2R08, " "	17.82
JZL, " "	15.16	2R09, " "	9.67
KGEI, San Francisco, Calif.	9.53, 9.67, 15.33	2R014, " "	15.23
KHE, Hawaii	17.97	2R015, " "	11.76
KIO, " "	11.68		
LKV, Norway	15.17		
MTCY, Manchukuo	11.78		
RV96, " "	6.03, 15.18		
SBT, Sweden	15.155		
TAP, Turkey	9.465		

Police Force Marimba Band: TGWA (9.685)

Sunday, August 25

For programs broadcast daily see Daily Programs (Col. 1)

1:45 p.m.	Guatemala	Request program by the Marimba Ensemble:	TGWA (15.17)
4:30 p.m.	Guatemala	"Orquesta Popular" of the National Police Force:	TGWA (15.17)
5:30 p.m.	Honolulu	Voice of Hawaii:	KHE (17.97)
9:30 p.m.	Berlin	English talk by Lord Haw Haw:	DJL (15.11) DJD (11.77)
9:40 p.m.	Rome	Opera:	2R08 (17.82) 2R04 (11.81)
11 p.m.	Guatemala	The Exquisite Hour:	TGWA (9.685)

Monday, August 26

For programs broadcast daily see Daily Programs (Col. 1)

9 p.m. (Mon., Wed., Sat.)	Panama City	Band Concert, with guest stars:	HP5G (11.78)
9 p.m.	Rio de Janeiro	Brazilian program for North America, including typical music, travel talks and news:	PSH (10.22)
9:45 p.m.	Switzerland	Program of folk and popular music; latest war news and political talks:	HBJ (14.535)
11:30 p.m.	London	"To Talk of Many Things":	GSD (11.75)

Tuesday, August 27

For programs broadcast daily see Daily Programs (Col. 1)

3:15 p.m. (Tues., Thurs., Sat.)	Lisbon	Program for English listeners, including music, variety and topical talks in English:	CSW7 (9.74)
9:30 p.m.	Tokyo	Chuo Symphony Orchestra:	JLS2 (17.845)
9:40 p.m.	Rome	EIAR Symphony Orchestra:	2R08 (17.82) 2R04 (11.81)
11 p.m.	Guatemala	Symphonic Concert:	TGWA (9.685)
11:50 p.m.	Berlin	"Anglo-American Relations":	Haw Haw: DJL (15.11) DJD (11.77)

Wednesday, August 28

For programs broadcast daily see Daily Programs (Col. 1)

6:30 p.m.	Berlin	"Through Woman's Eyes":	DJL (15.11)
7:30 p.m.	London	Talk, "Matters of Moment":	GSD (11.75)
9:30 p.m.	Tokyo	Talk, "Our Experiments in the Japanese Home Life":	JLS2 (17.845)
10:20 p.m.	Berlin	Talk by E. D. Ward:	DJD (11.77) DJL (15.11)
11 p.m.	Guatemala	Opera:	TGWA (9.685)
12 mid.	Guatemala	The Philatelic Hour:	TG2 (6.19)

Thursday, August 29

For programs broadcast daily see Daily Programs (Col. 1)

11 a.m.	New York City	Radio City Music Hall:	WNB1 (17.78)
7:30 p.m.	London	English news letter for Canada:	GSD (11.75)
9:15 p.m.	London	Serial, "Rupert of Hentzau":	GSD (11.75)
9:30 p.m.	Vatican City	Catholic news for listeners in North America:	HVJ (11.74)
11:50 p.m.	Berlin	Jim and Johnny:	DJD (11.77) DJL (15.11)
12 mid.	Guatemala	Marimba Ensemble of the National Police Force:	TGWA (9.685)

Friday, August 30

For programs broadcast daily see Daily Programs (Col. 1)

5 p.m.	Buenos Aires	News and Brazilian music:	LRA5 (18.03) LRA1 (9.69)
7:30 p.m.	London	Talk, "World Affairs":	GSD (11.75)
9:15 p.m.	London	At the Black Dog:	GSD (11.75)
9:40 p.m.	Rome	Request selections:	2R08 (17.82) 2R04 (11.81)
11 p.m.	Guatemala	Radio Theater:	TGWA (9.685)
11:50 p.m.	Berlin	Announcements of programs for next week:	DJL (15.11) DJD (11.77)

European News in English

Table with columns: Daily, Morning, CST, CDT, CITY, STATION, DIAL. Lists broadcast times and stations for European news in English.

Table with columns: Daily, Afternoon, CST, CDT, CITY, STATION, DIAL. Lists broadcast times and stations for European news in English during the afternoon.

Table with columns: Daily, Evening, CST, CITY, Program, Station. Lists broadcast times and stations for European news in English during the evening.

Daily Programs, Sat., Aug. 31, through Fri., Sept. 6

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Large table with columns: CST, City, Program, Station. Lists daily broadcast programs for stations in Europe and North America from August 31 to September 6.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

THE AROUND-THE-WORLD BROADCASTING SERVICE OF THE GENERAL ELECTRIC COMPANY

THE "Around-the-World Broadcasting Service" of the General Electric Company was instituted at Schenectady, New York, in June of 1925, when W2XAF (now WGEO), one of the pioneer stations of the world, went on the air on an experimental basis.

The Schenectady, New York, stations of the General Electric Company have been popular with European and Latin-American listeners for many years, but recent improvements in transmitter strength and in antenna design have so increased the signal strength in these areas that listeners now report almost one hundred percent reception of the programs of WGEA and WGEO.

The present operating schedule for the Schenectady stations is as follows: Daily, from 6 to 9 a.m. over WGEA (21.500 or 15.33); from 9:15 a.m. to 4 p.m., directed to Europe, over WGEA (15.33); from 4:15 to 7:15 p.m., directed to Latin America (announced in Portuguese), over WGEA (9.55); from 1 to 4 p.m., directed to Europe, over WGEO (9.53), and 4 to 10 p.m. CST (announced in Spanish and English), over WGEO (9.53).

LESLIE HOWARD NOW ON STAFF OF LONDON SHORT-WAVE STATION: Leslie Howard, the stage and screen star, is now a regular contributor to "Britain Speaks," one of the most popular features of the BBC's recently inaugurated program for North Amer-

Listeners can often hear the Antarctic Station KRTK on one of the following frequencies: 12.862, 11.06 or 9.135 megas. At 10 p.m. CST, the "Byrd Mail Bag," which consists of the reading of from 100 to 200 short letters or greetings from friends or relatives in the United States to members of the expedition, is broadcast.

English news periods may be heard over the Schenectady stations as follows: Daily, at 6 a.m. over WGEA (21.500); weekdays except Saturdays, at 7 a.m. over WGEA (15.33), at 11:45 a.m. over WGEA (15.33) and at 2:55 p.m. over WGEA (15.33) and WGEO (9.53).

Popular network features aired over the Schenectady stations, and which often afford good reception in areas of North America in which there are no local chain outlets as well as in those countries to which they are specifically beamed, are as follows (all time Central Standard):

Table with columns: WEEKDAYS, SATURDAYS, SUNDAYS, MONDAYS, TUESDAYS, WEDNESDAYS, THURSDAYS, FRIDAYS. Lists broadcast schedules for various days of the week.

ican listeners. Other regular contributors to this feature are J. B. Priestley, novelist, and Wickham Steed, journalist. Leslie Howard is heard every Monday at 6:30 p.m. CST. "Britain Speaks" may be heard nightly at 6:30 p.m. CST, over GSD (11.75) and GSC (9.58).

11:03 p.m.—Tokyo—News (English): JZJ (11.80)
12 mid.—Sydney—Program from Australia for Pacific Coast listeners: VLQ (17.80)

Saturday, August 31

Table with columns: Time, Program, Station. Lists broadcast programs for Saturday, August 31.

Sunday, September 1

Table with columns: Time, Program, Station. Lists broadcast programs for Sunday, September 1.

Important Stations

(Megacycles or thousands of kilocycles shown)

Table with columns: Station, Frequency, Station, Frequency. Lists various international radio stations and their frequencies.

Haw: DJL (15.11) DJD (11.77)
7:40 p.m.—Rome—Opera: 2R08 (17.82) 2R04 (11.81)
9 p.m.—Guatemala—The Exquisite Hour: TGWA (9.685)
11:20 p.m.—Tokyo—Sounds of Japan: "The Japanese Emporium": JZJ (11.80)

Monday, September 2

For programs broadcast daily see Daily Programs (Col. 1)
6:30 p.m.—London—"Britain Speaks," with Leslie Howard: GSD (11.75) GSC (9.58)
7 p.m.—Rio de Janeiro—Brazilian program for North America, including typical music, travel talks and news: PSH (10.22)
7:45 p.m.—Berlin—Letter to Harry: DJL (15.11) DJD (11.77)
8:20 p.m.—Berlin—Talk by E. D. Ward: DJL (15.11) DJD (11.77)
11:20 p.m.—Tokyo—Tokyo Broadcasting Orchestra: JZJ (11.80)

Tuesday, September 3

For programs broadcast daily see Daily Programs (Col. 1)
11:30 a.m.—New York City—Drama Time: WNBI (17.78)
5:15 p.m.—Berlin—Berlin Philharmonic Orchestra: DJL (15.11) DJD (11.77)
7:15 p.m.—London—Variety, "Hi Gang": GSD (11.75)
7:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77)
7:40 p.m.—Rome—Eiar Symphony Orchestra: 2R08 (17.82) 2R04 (11.81)
8 p.m.—Berlin—O. K. Speaking: DJL (15.11) DJD (11.77)
8:20 p.m.—Berlin—A. Rieder Talk: DJL (15.11) DJD (11.77)

Wednesday, September 4

For programs broadcast daily see Daily Programs (Col. 1)
4:30 p.m.—Martinique—English hour: (9.705)
5:30 p.m.—London—Talk, "Matters of Moment": GSD (11.75)
8:20 p.m.—Berlin—Talk by E. D. Ward: DJL (11.77) DJD (15.11)
8:30 p.m.—Berlin—Charley's Cabaret: DJL (11.77) DJD (15.11)
9 p.m.—Guatemala—Opera, "Don Pascuale": TGWA (9.685)
10 p.m.—Guatemala—The Philatelic Hour: TG2 (6.19)
11:40 p.m.—Tokyo—English talk, "The Outcome of Summer University for the Foreigners": JZJ (11.80)

Thursday, September 5

For programs broadcast daily see Daily Programs (Col. 1)
5:30 p.m.—London—English news letter for Canada: GSD (11.75)
7:30 p.m.—Vatican City—Catholic news for listeners in North America: HVJ (11.74)
8:20 p.m.—Berlin—A. Rieder Talk: DJL (15.11) DJD (11.77)
9:50 p.m.—Berlin—Jim and Johnny: DJL (11.77) DJD (15.11)
10 p.m.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.685)
11:40 p.m.—Tokyo—English talk, "Wounded for the Cause of My Fatherland": JZJ (11.80)

Friday, September 6

For programs broadcast daily see Daily Programs (Col. 1)
4:30 p.m.—Berlin—Advance program notices: DJL (15.11) DJD (11.77)
7:15 p.m.—London—At the Black Dog: GSD (11.75)
7:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77)
7:30 p.m.—Tokyo—Popular songs: JLS2 (17.845)
7:40 p.m.—Rome—Request selections: 2R08 (17.82) 2R04 (11.81)
8:20 p.m.—Berlin—English talk by E. D. Ward: DJL (15.11) DJD (11.77)
9 p.m.—Guatemala—Radio Theater, "Don Garcia del Castano": TGWA (9.685)

European News in English

Daily	Morning	STATION	DIAL
5:30 a.m.	Berlin	DJL	15.11
7:00 a.m.	London	GSV	17.81
7:15 a.m.	Berlin	DJL	15.11
8:30 a.m.	Amsterdam	PCJ	15.22
		PCV	18.065
9:40 a.m.	Rome	2R08	17.82
10:00 a.m.	London	GSV	17.81
10:15 a.m.	Berlin	DJB	15.20
11:30 a.m.	Athlone, Ireland	EIRE	17.84

Daily	Afternoon	STATION	DIAL
12:00 noon	London	G5F	15.14
1:15 p.m.	Berlin	DJB	15.20
1:25 p.m.	Rome	2R06	15.30
2:30 p.m.	Rome	2R08	17.82
		2R014	15.23
2:30 p.m.	Berlin	DJB	15.20
2:50 p.m.	London	G5P	15.31
3:15 p.m.	Berlin	DJB	15.20
3:30 p.m.	Rome	2R04	11.81
		2R08	17.82
		G5P	15.31
3:45 p.m.	London	GSD	11.75
4:45 p.m.	Berlin	DJZ	11.80
5:00 p.m.	Paris	Y	15.24
5:15 p.m.	Finland	OIE	15.19

Daily	Evening	STATION	DIAL
7:00 p.m.	Budapest	HAT4	9.125
7:00 p.m.	London	G5D	11.75
		G5C	9.58
7:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	Stockholm	SBT	15.155
7:15 p.m.	Berlin	DJL	15.11
		DJD	11.77
		Y	15.24
7:45 p.m.	Paris	G5C	9.58
		G5D	11.75
8:30 p.m.	Moscow	RAN	9.60
		RNE	12.00
8:45 p.m.	Rome	2R03	9.63
		2R04	11.81
9:30 p.m.	Berlin	DJD	11.77
		DXB	9.61
10:30 p.m.	London	G5C	9.58
11:00 p.m.	Berlin	DXB	9.61
12:15 a.m.	London	G5C	9.58
		G5D	11.75
12:30 a.m.	Rome	2R03	9.63
		2R06	15.30

Daily Programs, Sat., Oct. 5, through Fri., Oct. 11

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

CST	City	Program	Station
5 a.m.	Berlin	Variety program for North America listeners: DJL (15.11)	
6:25 a.m.	Sydney	Broadcast for East Coast North America listeners: VLQ5 (9.68)	
7:50 a.m. (ex. Mon.)	Thailand	News (English): HSP5 (11.715)	
7:50 a.m. (ex. Sunday)	Melbourne	News (English): VLR (9.58)	
8 a.m.	Chungking, China	Chinese National program for North America: XGOY (9.625)	
9:25 a.m.	Sydney	Broadcast for Pacific Coast (9:30 a.m.): News (English): VLQ5 (9.68)	
9:30 a.m.	Saigon	Program for North America: Radio Saigon (11.78)	
10 a.m.	Manila	Program for North America: KZRH (11.89)	
10:15 a.m.	Berlin	Variety program and English news for North America: DJB (15.20)	
11:45 a.m.	Guatemala	Popular marimba band music for North America: TGWA (15.17)	
1:15 p.m.	Berlin	English talk about the war situation: DJB (15.20)	
2 p.m.	Rome	Evening concert with English announcements: 2R08 (17.82) 2R04 (11.81)	
2:30 p.m.	Berlin	Lord Haw Haw's propaganda talk in English: DJB (15.20)	
3:30 p.m.	Norway	Nazi-sponsored English broadcast for North America: LKV (15.17)	
3:30 p.m.	Rome	Listener's Corner (English): 2R08 (17.82) 2R04 (11.81)	
3:50 p.m.	Berlin-Paris	Evening program for North America: DJZ (11.80) Y (15.24)	
4:42 p.m.	London	Daily broadcast for North America: GSD (11.75) GSC (9.58)	
5:10 p.m.	Sydney	Broadcast for eastern North America listeners: VLQ3 (15.315)	
5:30 p.m.	Paramaribo, Dutch Guiana	Test programs for North American listeners: (11.838)	
5:30 p.m.	Panama	News (English): HP5A (11.70)	
6 p.m.	Moscow	News, talks and music from Soviet Russia for North America: RV96 (15.18)	
6 p.m.	Chungking, China	Chinese National program for North America: (6:20 p.m.) News (English): XGOY (15.20)	
6 p.m.	Panama	George Williams' English "Radio Newspaper": HP5G (11.78)	
6:05 p.m.	Lisbon	Variety program from Portugal for North American listeners: CSW7 (9.74)	
6:30 p.m.	Budapest	Variety program from Hungary for North American listeners: HAT4 (9.125)	
6:30 p.m.	Winnipeg	News (English): CJRX (11.72)	
7 p.m.	London	News commentary: GSD (11.75)	
7 p.m.	Stockholm	Program from Sweden for listeners in North America: SBT (15.155)	
7 p.m.	Tokyo	Program for eastern North America: JLS2 (17.845)	
7:05 p.m.	Rome	"American Hour" for listeners in North America: 2R08 (17.82) 2R04 (11.81) 2R014 (15.23) 2R015 (11.76) 2R03 (9.63)	
7:30 p.m.	London	"Britain Speaks": GSD (9.58)	

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

AUSTRALIAN RADIO SUPPORTS THE EMPIRE

GREAT BRITAIN'S cause is being vigorously supported by the radio voice of her great colonial ally—Australia. The Department of Information of the Australian Broadcasting Commission at Sydney is now broadcasting ten different short-wave transmissions daily. Each is directed to some specific corner of the world by means of a directional antenna. The broadcasts to North America can be heard with excellent signal strength these days, since reception of Australia in the United States and Canada is most favorable near the autumnal and vernal equinoxes.

The Sydney station can be easily located by means of the constant tone note which is sounded on its channel for ten or fifteen minutes prior to the opening of each broadcast. Let us suppose you have tuned in VLQ5 (9.68)—at the high-frequency end of the 31-meter band—at approximately 6:20 a.m. or just before the start of the early-morning broadcast to eastern North America. At 6:24 a.m. the tone goes off, then complete silence until 6:25 a.m., when you hear these words, "Hello, America, this is Australia calling." Don't be startled by the weird call of the kookaburra bird which then bursts forth from your loudspeaker. (There is no other sound like the call of the kookaburra—the chattering of a monkey, the howl of a hyena and the crowing of a rooster all mixed together.) After station announcements and a short recording, the English news bulletin is read at 6:30 a.m. This is followed by a brief

commentary on the news, and the balance of the program consists of musical selections. After station identification, the broadcast concludes at 7 a.m. CST. All other transmissions follow this same general formula. Reception reports are welcome and should be addressed to the Australian Broadcasting Commission, Sydney, N.S.W., Australia.

The complete list of all short-wave transmissions from the Empire station at Sydney follows (all time is Central Standard):

TRANSMISSION 1.	4:55 to 5:30 a.m.	to New Caledonia and French Oceania, over VLQ (9.615)
TRANSMISSION 2.	5:40 to 6:15 a.m.	to North and East Asia, over VLQ (9.615)
TRANSMISSION 3.	6:25 to 7 a.m.	to Eastern North America, over VLQ5 (9.68); News in English at 6:30 a.m.
TRANSMISSION 4.	7:10 to 7:45 a.m.	to South-East Asia
TRANSMISSION 5.	9:25 to 10 a.m.	to Western North America, over VLQ5 (9.68); News in English at 9:30 a.m.
TRANSMISSION 6.	10:55 to 11:30 a.m.	to South Africa, over VLW4 (9.655), Perth, West Australia
TRANSMISSION 7.	11:55 a.m. to 12:55 p.m.	to Southern Europe, over VLQ2 (11.87)
TRANSMISSION 8.	1:30 to 3 p.m.	to Northern Europe, over VLQ7 (11.88)
TRANSMISSION 9.	5:10 to 6 p.m.	to Eastern North America, over VLQ3 (15.315); News in English at 5:15 p.m., talk in English at 5:35 p.m.
TRANSMISSION 10.	11:55 p.m. to 12:45 a.m.	to Western North America, over VLQ8 (17.80); News in English at 12 mid.; talk in English at 12:20 a.m. CST.

On Sundays, at the conclusion of each transmission, details will be given of the talks which are to be broadcast in that transmission during the following week. Any changes in this program of transmissions will be announced on Sundays.

IMPORTANT CHANGES IN LONDON SHORT-WAVE TRANSMISSIONS: On Sunday, October 6, extensive changes will be made in the daily transmissions of the Empire station at London. The new schedule of broadcasts will be as follows: Pacific transmission, 12:10 to 4:15 a.m.; First Central transmission, 4:40 to 10:45 a.m.; Second Central transmission, 10:55 a.m. to 4:25 p.m., and NORTH AMERICAN TRANSMISSION, 4:42 to 10:35 p.m. CST. The frequencies GSD (11.75) and GSC (9.58) will be directed to North America. GSA (6.05) will be in use from 8:30 to 10:35 p.m. only. English news bulletins will be broadcast at 4:45, 7, 7:45 and 10:30 p.m. CST.

THE INDO-CHINA SITUATION: For first-hand English news bulletins from those countries concerned in the critical Indo-China situation, tune for: JAPAN—at 11:03 p.m. over JZJ (11.80); 6:30 a.m. over JZJ (11.80) or JZK (15.16); 7:15 p.m. over JLS2 (17.845). CHINA—at 8 a.m. over XGOY (9.625); at 6:20 and 7:30 p.m. over XGOX (15.19). INDO-CHINA—at 9:30 a.m. over "Radio Saigon" (11.78). THAILAND—at 7:50 a.m. (except Mondays) over HSP5 (11.715). These stations will be received best along the western coast of the United States and Canada.

PARAMARIBO, DUTCH GUIANA, ON THE AIR: Tune for the new Paramaribo station which is broadcasting to North America daily from 5:30 to 7:30 p.m. CST, on a frequency of 11.383. An English announcement such as the following is repeated several times during the course of the broadcast: "Hello, listeners in the United States; hello, all good Dutch citizens in the United States; hello, NBC, New York. This is Paramaribo testing on 26.36 meters. We would appreciate any report on reception from any listener anywhere in the world." A critical situation exists in Paramaribo, for not only is the Dutch colony of Dutch Guiana (Surinam) completely isolated following the fall of the Dutch central government, but residents of this city live in fear and trembling that at any moment thousands of convicts may break out of the nearby penal colony of Devil's Island, near Cayenne, French Guiana. According to American journalists, these prisoners are in a half-starved and desperate condition since the removal of all financial aid by the French government. These broadcasts from Paramaribo seek to foster better relations with the United States, since it is only to us that these stricken colonies can look for any aid at this time.

8 p.m.	Quito, Ecuador	"Friendship Hour": HCJB (12.46)
9 p.m.	Winnipeg	News (English): CJRX (11.72)
9:30 p.m.	London	Radio Newsreel for North American listeners: GSD (11.75) GSC (9.58)
11:03 p.m.	Tokyo	News (English): JZJ (11.80)
11:55 p.m.	Sydney	Program for Pacific Coast listeners: VLQ8 (17.80)
12 mid.	Vancouver	News (English): CKFX (6.08)
12:55 a.m.	New York City-Philadelphia	News (English): WCBX (6.12) WCAB (6.05)

Saturday, October 5	Time	Program	Station
2:15 p.m.	New York City	Football, Duke vs. Tennessee: WCBX (17.83)	
4:15 p.m.	Lima, Peru	Program of Peru Automobile Club for North American listeners: OAX4R (15.155)	
6:30 p.m.	Budapest	Fragments from operettas; news in English; dance music: HAT4 (9.125)	
7:30 p.m.	Berlin-Paris	"Mirror of German Progress": DJD (11.77) Y (15.24)	
7:45 p.m.	Berlin	Fred Kaltenbach's Military Re-	

Important Stations

(Megacycles or thousands of kilocycles shown)

CSW7, Portugal	9.738	TAP, Turkey	9.465
DJB, Germany	15.20	TG2, Guatemala	6.195
DJD, " "	11.77	TGWA, "	9.685, 15.17
DJL, " "	15.11	VLQ3, Australia	9.68
DJZ, " "	11.80	VLR, "	9.58
DXB, " "	9.61	VZWE, "	9.645
EAG, Spain	9.86	WCAB, Philadelphia	
EIRE, Ireland	17.84	Pa. 9.56, 9.59, 15.27	
GSA, England	9.51	WCBX, New York City	
GSC, " "	9.58	21.57, 15.27, 11.83	
GSD, " "	11.75	9.65, 6.17, 6.13	
G5F, " "	15.14	WGEA, Schenectady	
G5G, " "	17.79	N. Y. 21.50, 15.33, 9.55	
G5H, " "	21.47	WGEI, Schenectady	
G5I, " "	15.28	N. Y.	9.53
G5J, " "	21.54	WLWO, Cincinnati	
G5K, " "	11.82	Ohio 21.59, 15.37	
G5L, " "	15.31	9.50, 11.87, 6.06	
G5M, " "	17.81	WNBH, New York City	
G5N, " "	9.125	11.89, 6.190, 17.78	
HAT4, Hungary	14.535	WPIT, Pittsburgh, Pa.	
HCJB, Ecuador	12.46	21.84, 15.21, 11.87, 6.14	
HP5A, Panama	11.70	WBCA, N. Y. City	9.67
HP8A, " "	11.78	WRUL-WRUF, Boston, Mass.	
HVJ, Vatican City	11.74	15.20, 15.13, 11.70	
Indo-China	11.78		
JLS2, Japan	17.845	11.75, 6.04	
JZK, " "	11.80	XGOX, China	15.19
KGFI, San Francisco, Calif.	9.68, 9.67, 15.35	XGOY, " "	9.625, 11.90
KHE, Hawaii	17.97	YUG, Yugoslavia	15.24
KIO, " "	11.68	ER04, Italy	9.63
LKV, Norway	15.17	ER06, " "	15.30
MTCY, Manohuku	11.78	ER08, " "	17.82
RV96, " "	9.93, 15.18	ER09, " "	9.67
SBT, Sweden	15.155	ER014, " "	15.23
TAQ, Turkey	15.195	ER018, " "	11.70

view: DJD (11.77) Y (15.24)

7:45 p.m.	London	Headline News by George Slocum: GSD (11.75) GSC (9.58)
8:15 p.m.	London	"The Imperial Forces": GSD (11.75) GSC (9.58)
8:20 p.m.	Berlin-Paris	Fritz and Fred: DJD (11.77) Y (15.24)
9:50 p.m.	Berlin	"Hot Off the Wire": DJD (11.77) Y (15.24)
10 p.m.	Guatemala	Dance music by National Police Marimba Band: TGWA (9.685)
11:15 p.m.	Berlin	Program preview for Pacific Coast listeners: DXB (9.61)

Sunday, October 6

For programs broadcast daily see Daily Programs (Col. 1)

3:15 p.m.	Guatemala	Popular marimba music: TGWA (15.17)
7 p.m.	Guatemala	Orchestra of Maestro Jose Medina Pinillos, with noted soloists: TGWA (9.685)
7:30 p.m.	Berlin	English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
7:45 p.m.	London	Headline News by A. G. Macdonell: GSD (11.75) GSC (9.58)
8 p.m.	London	All-Star Variety: GSD (11.75)
8:45 p.m.	London	"Tonight We Present": GSD (11.75) GSC (9.58)

Monday, October 7

For programs broadcast daily see Daily Programs (Col. 1)

7:30 p.m.	London	"Britain Speaks," with Leslie Howard: GSD (11.75) GSC (9.58)
7:30 p.m.	Berlin-Paris	"Listen and Judge for Yourself": DJD (11.77) Y (15.24)
7:45 p.m.	London	Headline News by Vernon Bartlett: GSD (11.75) GSC (9.58)
7:45 p.m.	Berlin-Paris	Letter to Harry: DJD (11.77) Y (15.24)

Tuesday, October 8

For programs broadcast daily see Daily Programs (Col. 1)

5:15 p.m.	Berlin	Berlin Philharmonic Orchestra: DJZ (11.80) Y (15.24)
7:30 p.m.	Berlin-Paris	English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
7:30 p.m.	London	"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58)
7:45 p.m.	London	Headline News by George Slocum: GSD (11.75) GSC (9.58)

Wednesday, October 9

For programs broadcast daily see Daily Programs (Col. 1)

4:30 p.m.	Berlin	"Through a Woman's Eyes": DJD (11.77) Y (15.24)
5:07 p.m.	Ankara, Turkey	Martin Agronsky reports to NBC networks: TAP (9.465)
7:45 p.m.	London	"Headline News," by A. G. Macdonell: GSD (11.75) GSC (9.58)
8:20 p.m.	London	Talk by E. D. Ward: DJD (11.77)
9 p.m.	Guatemala	Opera, "Falstaff": TGWA (9.685)

Thursday, October 10

For programs broadcast daily see Daily Programs (Col. 1)

7:30 p.m.	London	"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58)
7:45 p.m.	London	Headline News by Vernon Bartlett: GSD (11.75) GSC (9.58)
8:20 p.m.	Berlin-Paris	Action reports from the Front: DJD (11.77) Y (15.24)
9 p.m.	Guatemala	Concert of Philharmonic Orchestra: TGWA (9.685)
9:50 p.m.	Berlin-Paris	Jim and Johnny: DJD (11.77) Y (15.24)

Friday, October 11

For programs broadcast daily see Daily Programs (Col. 1)

3 p.m.	Buenos Aires	News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
7:30 p.m.	Berlin-Paris	English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
7:45 p.m.	London	Headline News by A. G. Macdonell: GSD (11.75) GSC (9.58)
8:20 p.m.	Berlin-Paris	English talk by E. D. Ward: DJD (11.77) Y (15.24)

European News in English

Daily Morning	EST	CITY	STATION	DIAL
6:30 a.m.	Berlin	DJL	15.11	
8:00 a.m.	London	GSV	17.81	
8:15 a.m.	Berlin	DJL	15.11	
9:30 a.m.	Amsterdam	PCJ	15.22	
		PCV	18.065	
10:40 a.m.	Rome	2R08	17.82	
11:00 a.m.	London	GSV	17.81	
11:15 a.m.	Berlin	DJB	15.20	

Daily Afternoon	EST	CITY	STATION	DIAL
12:30 p.m.	Athlone, Ireland	EIRE	17.84	
1:00 p.m.	London	GSF	15.14	
2:15 p.m.	Berlin	DJB	15.20	
2:25 p.m.	Rome	2R06	15.30	
3:30 p.m.	Rome	2R08	17.82	
		2R014	15.23	
3:30 p.m.	Berlin	DJB	15.20	
3:50 p.m.	London	GSP	15.31	
4:15 p.m.	Berlin	DJB	15.20	
4:30 p.m.	Rome	2R04	11.81	
		2R08	17.82	
4:45 p.m.	London	GSP	15.31	
5:45 p.m.	London	GSD	11.75	

Daily Evening	EST	CITY	STATION	DIAL
6:00 p.m.	Berlin	DJZ	11.80	
	Paris	Y	15.24	
6:15 p.m.	Finland	OIE	15.19	
8:00 p.m.	Budapest	HAT4	9.125	
8:00 p.m.	London	GSD	11.75	
		GSC	9.58	
8:00 p.m.	Moscow	RV96	15.18	
8:00 p.m.	Stockholm	SBT	15.155	
8:15 p.m.	Berlin	DJL	15.11	
		DJD	11.77	
		DXB	9.61	
		GSC	9.58	
	Paris	Y	15.24	
8:45 p.m.	London	GSC	9.58	
		GSD	11.75	
9:30 p.m.	Moscow	RAN	9.60	
		RNE	12.00	
9:45 p.m.	Rome	2R03	9.63	
		2R04	11.81	
10:30 p.m.	Berlin	DJD	11.77	
		DXB	9.61	
		GSC	9.58	
		DXB	9.61	
12:00 mid.	London	GSC	9.58	
1:15 a.m.	London	GSD	11.75	
1:30 a.m.	Rome	2R03	9.63	
		2R06	15.30	

Daily Programs, Sat., Oct. 12, through Fri., Oct. 18

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

EST	City	Program	Station
6 a.m.	Berlin	Variety program for North American listeners; DJL (15.11)	
7:25 a.m.	Sydney	Broadcast for East Coast—North American listeners; VLQ5 (9.68)	
8:50 a.m. (ex. Sun.)	Melbourne	News (English); VLR (9.58)	
9 a.m.	Chungking, China	Chinese National program for North America; XGOY (9.625)	
10:25 a.m.	Sydney	Broadcast for Pacific Coast; (10:30 a.m.) News (English); VLQ5 (9.68)	
10:30 a.m.	Saigon	Program for North America; Radio Saigon (11.78)	
11 a.m.	Manila	Program for North America; KZRH (11.89)	
11:15 a.m.	Berlin	Variety program and English news for North America; DJB (15.20)	
12:45 p.m.	Guatemala	Popular marimba band music for North America; TGWA (15.17)	
2:15 p.m.	Berlin	English talk about the war situation; DJB (15.20)	
3 p.m.	Rome	Evening concert with English announcements; 2R08 (17.82) 2R04 (11.81)	
3:30 p.m.	Berlin	Lord Haw Haw's propaganda talk in English; DJB (15.20)	
4:30 p.m.	Norway	Nazi-sponsored English broadcast for North America; LKV (15.17)	
4:30 p.m.	Rome	Listener's Corner (English); 2R08 (17.82) 2R04 (11.81)	
4:50 p.m.	Berlin-Paris	Evening program for North America; DJZ (11.80) Y (15.24)	
5:42 p.m.	London	Daily broadcast for North America; GSD (11.75) GSC (9.58)	
6:10 p.m.	Sydney	Broadcast for eastern North American listeners; VLQ3 (15.315)	
6:30 p.m.	Panama	News (English); HP5A (11.70)	
7 p.m.	Moscow	News, talks and music from Soviet Russia for North America; RV96 (15.18)	
7 p.m.	Chungking, China	Chinese National program for North America; (7:20 p.m.) News (English); XGOY (15.20)	
7 p.m.	Panama	George Williams' English "Radio Newspaper"; HP5G (11.78)	
7:05 p.m.	Lisbon	Variety program for Portugal for North American listeners; CSW7 (9.74)	
7:30 p.m.	Budapest	Variety program from Hungary for North American listeners; HAT4 (9.125)	
7:30 p.m.	Winnipeg	News (English); CJRX (11.72)	
8 p.m.	London	News commentary; GSD (11.75)	
8 p.m.	Stockholm	Program from Sweden for listeners in North America; SBT (15.155)	
8 p.m.	Tokyo	Program for eastern North America; JZK (15.16)	
8:05 p.m.	Rome	"American Hour" for listeners in North America; 2R06 (14.3) 2R04 (11.81) 2R03 (9.63)	
8:30 p.m.	London	"Britain Speaks"; GSD (11.75) GSC (9.58)	
8:45 p.m.	London	Headline News; GSD (11.75) GSC (9.58)	
9 p.m.	Quito, Ecuador	"Friendship Hour"; HCJB (12.46)	

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

ENGLISH NEWS-CASTS OVER U. S. INTERNATIONAL STATIONS

IN THESE critical days with history being made from hour to hour, you will want to listen to news commentaries not only direct from the foreign trouble spots but from our own great international stations as well. Although these broadcasts are directed mainly to Europe and Latin America they still will be better received in many isolated communities than the nearest network outlet. Reception will be less satisfactory if you are close enough to be in the skip area of the short-wave station. It is our intention to revise these listings approximately once a month. (All time is EST):

SUNDAYS

7:30 a.m.	San Francisco	KGEI (9.67)
8:00 a.m.	N. Y. City	WCBX (17.83)
8:00 a.m.	Cincinnati	News from Europe: WLWO (15.27)
9:00 a.m.	New York City	News of Europe: WCBX (17.83)
9:00 a.m.	Cincinnati	"News from Here and Abroad": WLWO (15.27)
9:30 a.m.	San Francisco	KGEI (9.67)
10:00 a.m.	San Francisco	KGEI (9.67)
10:00 a.m.	Cincinnati	WLWO (15.27)
10:00 a.m.	N. Y. City	WCBX (17.83)
10:00 a.m.	Cincinnati	WLWO (15.27)
10:30 p.m.	N. Y. City	WCBX (17.83)
2:30 p.m.	N. Y. City	WCBX (17.83)
2:55 p.m.	Philadelphia	WCAB (15.27)
3:30 p.m.	Schenectady	H. V. Kaltenborn: WGEO (9.53)
7:00 p.m.	New York City-Philadelphia	"News of the World": WCBX (11.83) WCAB (9.59)
7:45 p.m.	San Francisco	KGEI (15.33)
8:55 p.m.	New York City-Philadelphia	Elmer Davis: WCBX (11.83) WCAB (9.59)
10:00 p.m.	N. Y. City	WRCA (9.67) WNBI (11.89)
10:00 p.m.	San Francisco	KGEI (15.33)
10:45 p.m.	Schenectady	"Behind the News": WGEO (9.53)
11:00 p.m.	Cincinnati	Peter Grant: WLWO (9.59)
11:00 p.m.	New York City-Philadelphia	"Headlines and By-Lines": WCBX (9.65) WCAB (6.06)
11:00 p.m.	San Francisco	KGEI (15.33)
12:30 a.m.	New York City-Philadelphia	WCBX (6.12) WCAB (6.06)
1:00 a.m.	San Francisco	KGEI (9.67)
1:25 a.m.	Cincinnati	WLWO (9.59)
1:55 a.m.	New York City-Philadelphia	WCBX (6.12) WCAB (6.06)

WEEKDAYS

7:30 a.m.	Cincinnati	H. R. Gross: WLWO (11.87)
7:30 a.m.	San Francisco	KGEI (9.67)
8:00 a.m.	Schenectady	WGEO (21.5)
8:00 a.m.	N. Y. City	News of Europe: WCBX (17.83)
8:15 a.m.	Cincinnati	Michael Hinne: WLWO (15.27)
9:00 a.m.	N. Y. City	WCBX (17.83)
9:00 a.m.	Schenectady	WGEO (21.5)
9:30 a.m.	San Francisco	KGEI (9.67)

FROM EUROPE: The new BBC Home Service Station on 6.145 broadcasts daily from 1 a.m. to 6:20 p.m. EST. Programs of this station are for reception in Great Britain and are entirely different from the Daventry Empire broadcasts. A complete English news bulletin is broadcast at 6 p.m. EST . . . Lahti, Finland, stations OFD (9.5) and OIE (15.19) may be heard daily from 6:15 to 7:15 p.m. EST. News in English is given at 6:15 p.m. EST . . . The late afternoon and evening broadcasts from Berlin to North America are now broadcast as follows: 4:50 to 7 p.m. over DJZ (11.80); 7:15 to 11 p.m. over DJD (11.77); 4:50 to 11 p.m. over Y (15.24) and from 4:50 p.m. to 1 a.m. EST over DXB (9.61) . . . Moscow now broadcasts an additional English news bulletin for North America at 9:30 p.m. EST over RNE (12), RAN (9.60) and RV96 (9.52) . . . EAQ (9.86), Madrid, is on the air daily at 3:55 p.m. EST.

9:30 p.m.	Moscow	English program for North America; RNE (12) RV96 (9.52) RAN (9.60)
10 p.m.	Winnipeg	News (English); CJRX (11.72)
10 p.m.	New York City	English Hour, including international news (English); WRCA (9.67) WNBI (11.89)
10:30 p.m.	London	Radio Newsreel for North American listeners; GSD (11.75) GSC (9.58)
11:15 p.m.	London	"Britain Speaks"; GSC (9.58)
12 mid.	Tokyo	Program for western North American listeners; JZJ (11.80)

10:00 a.m.	N. Y. City	WNBI (17.78)
10:15 a.m. (ex. Sat.)	N. Y. City	WCBX (17.83)
10:30 a.m.	San Francisco	KGEI (9.67)
11:00 a.m. (Sat. only)	N. Y. City	WCBX (17.83)
11:30 a.m. (ex. Sat.)	N. Y. City	WCBX (17.83)
12:00 noon	N. Y. City	WNBI (17.78)
12:00 noon	San Francisco	KGEI (9.67)
12:30 p.m. (ex. Sat.)	Cincinnati	H. R. Gross: WLWO (17.80)
12:30 p.m. (ex. Sat.)	Philadelphia	WCAB (15.27)
1:30 p.m.	N. Y. City	WCBX (17.83)
1:45 p.m. (ex. Sat.)	Schenectady	WGEO (15.27)
1:55 p.m. (ex. Sat.)	Philadelphia	WCAB (15.27)
2:30 p.m. (Sat. only)	N. Y. City	WCBX (17.83)
3:30 p.m. (Sat. only)	New York City-Philadelphia	Philadelphia: WCBX (17.83) WCAB (15.27)
3:30 p.m. (ex. Sat.)	Boston	Christian Science Monitor News: WRUL (11.79, 15.25)
3:55 p.m. (ex. Sat.)	N. Y. City	WCBX (15.27)
4:45 p.m. (ex. Sat.)	Cincinnati	Elizabeth Bemis Speaks: WLWO (17.80)
4:55 p.m.	Schenectady	WGEO (9.53) WGEO (15.33)
5:45 p.m.	Cincinnati	H. R. Gross: WLWO (15.27)
5:50 p.m. (ex. Sat.)	N. Y. City	WCBX (15.27)
6:00 p.m. (Sat. only)	N. Y. City	WCBX (11.83)
6:00 p.m. (Tues., Thurs., Sat.)	Philadelphia	WCAB (9.59)
6:15 p.m. (Mon., Wed., Fri.)	Philadelphia	WCAB (9.59)
6:25 p.m.	Schenectady	WGEO (9.53)
6:30 p.m. (ex. Sat.)	N. Y. City	WCBX (11.83)
6:45 p.m. (ex. Sat.)	Cincinnati	Lowell Thomas: WLWO (15.27)
6:45 p.m.	Philadelphia	The World Today: WCAB (9.59)
7:00 p.m. (ex. Sat.)	Boston	Fulton Lewis, Jr., Washington news: WRUL (15.13, 6.04)
7:15 p.m.	Boston	Christian Science Monitor World News: WRUL (11.79, 6.04)
7:45 p.m. (Tues., Thurs., Sat.)	Cincinnati	H. V. Kaltenborn: WLWO (15.27)
7:45 p.m.	San Francisco	KGEI (15.33)
8:55 p.m.	New York City	Elmer Davis, news: WCBX (9.65); (Sat. only) Philadelphia: WCAB (6.06)
9:15 p.m. (Mon., Wed.)	Philadelphia	WCAB (6.06)
10:00 p.m. (ex. Sat.)	Boston	Raymond Gram Swing: WRUL (11.73, 6.04)
10:00 p.m.	N. Y. City	WNBI (11.89) WRCA (9.67)
10:45 p.m.	New York City-Philadelphia	WCBX (9.65) WCAB (6.06)
11:00 p.m.	Cincinnati	Peter Grant: WLWO (9.59)
11:00 p.m.	Philadelphia	WCAB (6.06)
11:00 p.m. (Thurs., Sat.)	San Francisco	KGEI (15.33)
12:00 mid.	New York City-Philadelphia	WCBX (6.12) WCAB (6.06)
1:00 a.m.	San Francisco	KGEI (9.67)
1:55 a.m.	New York City-Philadelphia	WCBX (6.12) WCAB (6.06)

GENERAL NEWS: An additional Chungking, China, station is now broadcasting daily from 8 to 10 a.m. EST, on a frequency of 9.72 meg . . . The program from Tokyo for listeners in eastern North America is now broadcast daily from 8 to 9 p.m. EST over JZK (15.16).

12:55 a.m.	Sydney	Program for Pacific Coast listeners; VLQ8 (17.80)
1 a.m.	Vancouver	News (English); CKFX (6.08)
1:55 a.m.	New York City	Philadelphia—News (English); WCBX (6.12) WCAB (6.06)

Saturday, October 12

For programs broadcast daily see Daily Programs (Col. 1)

1:45 p.m.	Boston	Football, Yale vs. Univ. of Virginia: WRUL (11.79, 15.25)
2:30 p.m.	Cincinnati	Football, Notre Dame vs. Georgia Tech: WLWO (17.80)

Important Stations

(Megacycles or thousands of kilocycles shown)	STATION	DIAL
CSW7, Portugal	9.735	TAP, Turkey 9.465
DJB, Germany	15.20	TG2, Guatemala 6.195
DJD, "	11.77	TGWA, " 9.685, 15.17
DJL, "	15.11	VLQ5, Australia 9.68
DJZ, "	11.801	VLR, " 9.58
DXB, "	9.61	VLW3, " 9.645
EAQ, Spain	9.86	WCAB, Philadelphia, Pa. 6.06, 9.59, 15.27
EIRE, Ireland	17.84	WCBX, New York City 21.57, 15.27, 11.83, 9.65, 6.17, 6.12
GSB, England	9.51	WGEO, Schenectady 15.14
GSC, "	9.58	WGEA, Schenectady 17.79
GSD, "	11.75	N. Y. 21.50, 15.33, 9.55
GSF, "	15.14	WGEO, Schenectady 21.47
GSV, "	15.26	N. Y. 9.53
GSJ, "	21.58	N. Y. 9.53
GSN, "	11.82	WLWO, Cincinnati 15.27
GSP, "	15.31	Ohio 21.65, 15.27, 11.87, 6.06
GSV, "	17.81	WRCA, N. Y. City 11.87, 6.14
HAT4, Hungary	9.125	11.89, 6.100, 17.78
HBJ, Switzerland	14.535	WPIT, Pittsburgh, Pa. 12.46
HCJB, Ecuador	12.46	21.54, 15.21, 11.87, 6.14
HP5A, Panama	11.70	WRCA, N. Y. City 9.67
HP5G, "	11.78	WRUL-WRUL, Boston, Mass. 11.79
HVJ, Vatican City	11.74	15.25, 15.13, 11.79
Indo-China	11.78	15.13, 11.73, 6.04
JLS2, Japan	17.845	XGOY, China 15.19
JSJ, "	11.80	XGOY, " 9.625, 11.90
JZK, "	15.16	Y, France 15.24
KGEI, San Francisco, Calif. 9.63, 9.67, 15.33	15.33	YUG, Yugoslavia 15.24
KHE, Hawaii	17.97	2R09, Italy 9.63
KIO, "	11.68	2R04, " 11.81
LKV, Norway	15.17	2R06, " 15.30
MTCY, Manchukuo	11.78	2R08, " 17.82
RV96, "	6.03, 15.18	2R09, " 9.67
SBT, Sweden	15.155	2R014, " 15.23
TAQ, Turkey	15.195	2R015, " 11.76

7:30 p.m.—Budapest—Fragments of Operettas; news in English; folk songs; HAT4 (9.125)
 8:45 p.m.—Berlin—Fred Kaltenbach's Military Review: DJD (11.77) Y (15.24)
 8:45 p.m.—London—Headline News, by George Slocombe: GSD (11.75) GSC (9.58)
 9:15 p.m.—London—"The Imperial Forces": GSD (11.75) GSC (9.58)
 9:45 p.m.—London—Tonight We Present: GSD (11.75) GSC (9.58)
 11 p.m.—Guatemala—Dance music by National Police Marimba Band: TGWA (9.685)

Sunday, October 13

For programs broadcast daily see Daily Programs (Col. 1)

8 p.m.—Guatemala—Orchestra of Maestro Jose Molinas Pinillos, with noted soloists: TGWA (9.685)
 8:30 p.m.—Berlin—English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
 8:30 p.m.—Tokyo—English talk, "The Japanese College Student's Personality: JZK (15.16)
 8:40 p.m.—Rome—Opera: 2R04 (11.81) 2R03 (9.63)
 8:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58)
 10 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)

Monday, October 14

For programs broadcast daily see Daily Programs (Col. 1)

8:30 p.m.—Berlin-Paris—"Listen and Judge for Yourself": DJD (11.77) Y (15.24)
 8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58)
 8:45 p.m.—Berlin-Paris—Talk by Fred Kaltenbach: DJD (11.77) Y (15.24)
 12:20 a.m.—Tokyo—Chuo Symphony Orchestra: JZJ (11.80)

Tuesday, October 15

For programs broadcast daily see Daily Programs (Col. 1)

6:15 p.m.—Berlin-Paris—Berlin Philharmonic Orchestra: DJZ (11.80) Y (15.24)
 8:30 p.m.—Tokyo—Chuo Symphony Orchestra: JZK (15.16)
 8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
 9:20 p.m.—Berlin-Paris—Action News from the Front: DJD (11.77) Y (15.24)

Wednesday, October 16

For programs broadcast daily see Daily Programs (Col. 1)

5:30 p.m.—Berlin—"Through a Woman's Eyes": DJD (11.77) Y (15.24)
 6:45 p.m.—New York City—Clara Esteves, Argentine opera singer: WRCA (9.67)
 8:30 p.m.—Berlin—Interview of the Week: DJD (11.77) Y (15.24)
 8:45 p.m.—London—"Headline News," by A. G. Macdonell: GSD (11.75) GSC (9.58)
 10:15 p.m.—London—"At Your Request": GSD (11.75) GSC (9.58)

Thursday, October 17

For programs broadcast daily see Daily Programs (Col. 1)

8:30 p.m.—London—"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58)
 8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58)
 9:20 p.m.—Berlin-Paris—Action Reports from the Front: DJD (11.77) Y (15.24)
 10 p.m.—Guatemala—Concert of Philharmonic Orchestra: TGWA (9.685)
 10:50 p.m.—Berlin-Paris—Jim and Johnny: DJD (11.77) Y (15.24)

Friday, October 18

For programs broadcast daily see Daily Programs (Col. 1)

4 p.m.—Buenos Aires—News and Brazilian music: LRA5 (18.03) LRA1 (9.69)
 8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJD (11.77) Y (15.24)
 8:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58)
 9:30 p.m.—Berlin-Paris—Vienna Philharmonic Orchestra: DJD (11.77) Y (15.24)
 12:30 a.m.—Tokyo—Light music by Sano and His Band: JZJ (11.80)

European News in English

Table with columns: Daily Morning, EST, CITY, STATION, DIAL. Lists broadcast times and stations for various European cities.

Table with columns: Daily Afternoon, EST, CITY, STATION, DIAL. Lists broadcast times and stations for various European cities.

Table with columns: Daily Evening, EST, CITY, STATION, DIAL. Lists broadcast times and stations for various European cities.

Daily Programs, Sat., Oct. 26, through Fri., Nov. 1

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Table with columns: EST, City, Program, Station. Lists daily broadcast programs and stations from Oct 26 to Nov 1.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

WORLD RADIO UNIVERSITY STATION WRUL USHERS IN ITS FALL SEASON

IN THESE troubled days, when propoganda and prejudice are the keynotes of the majority of international broadcasts, it is a welcome relief to turn to the calm, friendly educational programs of World Radio University Station WRUL at Boston, Massachusetts.

The program highlights of WRUL, which just recently inaugurated its fall season of educational broadcasts, are as follows (time is EST):

WEEK-DAYS—MONDAYS THROUGH FRIDAYS

- WRUL (15.13 or 21.46) 10:00 a.m.—Rebroadcast programs of Mutual Broadcasting System
WRUL (11.79 or 15.25) 2:30 p.m.—News and Readings in Basic English

GENERAL NOTES: According to LeRoy Waite of Ballston Spa, New York, a new station, "RADIO DAKAR" (9.38), located at Dakar, Senegal, in French West Africa, is being heard irregularly from 6 to 7 p.m. EST.

- 10:15 p.m.—London—Requests concert: GSC (9.58) GSL (6.11)
10:30 p.m.—London—Radio Newsreel: "The War in Sound." Eye-witness reports from observers on land, at sea and in the air: GSC (9.58) GSL (6.11)

- 7:00 p.m.—Washington News, by Fulton Lewis, Jr.
7:15 p.m.—World News—from the Christian Science Monitor
WRUL (6.04 or 11.73) 7:30 p.m.—Inter-American Goodwill Program (Spanish), Music, News, Educational Topics of Interest to our Southern Neighbors

SATURDAYS

- WRUL (11.79 or 15.25) 1:45 p.m.—Yale Bowl Football Game
4:30 p.m.—Norwegian Goodwill Program
WRUL (6.04 or 11.79) 6:00 p.m.—World Wide Stamp Club

SUNDAYS

- WRUL (11.79 or 15.13) 11:00 a.m.—Church Services from Boston Churches
WRUL (6.04 or 11.79) 2:30 p.m.—Albanian Goodwill Program
Greek Goodwill Program
Jugoslav Goodwill Program

to CBS . . . John F. Wilson of Wilmington, Delaware, writes that international station WBOS of Boston, Massachusetts, has been off the air since the latter part of July installing new equipment and increasing the power of the transmitter to 50,000 watts.

Saturday, October 26

- For programs broadcast daily see Daily Programs (Col. 1)
1:30 p.m.—New York City—Football, Army vs. Notre Dame: WCBX (9.65)
1:45 p.m.—Philadelphia—Football, Dartmouth vs. Harvard: WCAB (15.27)

Important Stations

Table with columns: Station, Frequency, City. Lists various international radio stations and their broadcast details.

10 p.m.—New York City—NBC Symphony Orchestra, with Toscanini conducting: WRCA (9.67) WNBI (11.89)

Sunday, October 27

- For programs broadcast daily see Daily Programs (Col. 1)
8:30 p.m.—Tokyo—English talk, "Japanese Garden": JZK (15.16)
8:30 p.m.—London—"Britain Speaks": J. B. Priestley: GSD (11.75) GSC (9.58)

Monday, October 28

- For programs broadcast daily see Daily Programs (Col. 1)
8:30 p.m.—London—"Britain Speaks," with Leslie Howard: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58)

Tuesday, October 29

- For programs broadcast daily see Daily Programs (Col. 1)
6:15 p.m.—Berlin-Paris—Berlin Philharmonic Orchestra: DJZ (11.80) Y (9.52)
8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJZ (11.77) Y (9.52)

Wednesday, October 30

- For programs broadcast daily see Daily Programs (Col. 1)
4 p.m.—London—"I've Seen This Week": GSD (11.75)
8:30 p.m.—London—"Britain Speaks," Sir Philip Joubert: GSD (11.75) GSC (9.58)

Thursday, October 31

- For programs broadcast daily see Daily Programs (Col. 1)
4 p.m.—London—"Speaking for Britain": GSD (11.75)
8:30 p.m.—London—"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58)

Friday, November 1

- For programs broadcast daily see Daily Programs (Col. 1)
7:15 p.m.—London—"Quiz for the Forces": GSD (11.75) GSC (9.58)
8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJZ (11.77) Y (9.52)

European News in English

Table with columns: Daily, Morning, EST, CITY, STATION, DIAL. Lists broadcast times and stations for various European cities like Berlin, London, Rome, Amsterdam, Stockholm, Paris, Moscow, etc.

Daily Programs, Sat., Nov. 30, through Fri., Dec. 6

Table with columns: EST, City, Program, Station. Lists programs for various cities including Batavia, Sydney, Tokyo, Chungking, Sydney, Guatemala, Leopoldville, Dakar, Berlin, London, Tokyo, Moscow, Panama, London, Berlin-Paris, Budapest, Tokyo, Stockholm, London, London, London, Quito, Moscow, London, London, London.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

VOICES OF THE GERMAN SHORT-WAVE STATION

BERLIN now broadcasts to North America according to the following schedule (time is Eastern Standard):

Table with columns: Time, Station, DIAL. Lists broadcast times and stations for Berlin: 6:00 to 9:00 a.m. DJB 15.20, 11:30 to 11:45 a.m. DJB 15.20, etc.

Table with columns: Time, Station, DIAL. Lists broadcast times and stations for Berlin: 4:50 to 11:00 p.m. DJD 11.77, 4:50 to 11:00 p.m. Y 9.52, etc.

9:15 p.m. to 1:00 a.m. DJC 6.02

Standard English news periods are broadcast as follows (time is Eastern Standard):

6:30, 8:30, 11:30 a.m., 12:30 and 1:30 p.m. over DJB (15.20); 3:30 p.m. over DJZ (11.80); 4:30 and 5:30 p.m. over DZD (10.54); 6:00 p.m. over DJD (11.77) and Y (9.52); 8:15 p.m. over DJD (11.77), Y (9.52) and DZD (10.54); 10:30 p.m. over DJD (11.77), Y (9.52), DZD (10.54) and DJC (6.02); 12:00 mid. over DJC (6.02).

Berlin is using sixteen commentators or propagandists in its broadcasts to North America. The basic aim of these commentators is to present the Nazi cause in such a reasonable and logical light that to accept its viewpoints would seem the natural thing to do. An informal, friendly atmosphere to put critical listeners at ease is characteristic of many Berlin broadcasts. Listeners must remember the basic purposes of these broadcasts and take all statements with the proverbial "grain of salt."

I am indebted to the Princeton University Listening Center, which is making a thorough study of political broadcasting, for the following very interesting information concerning Berlin's leading commentators.

LORD HAW HAW, the most famous of the German station's speakers, also the most witty, sarcastic and eloquent, was first heard in the North American service on April 12. He can now be heard Tuesdays, Fridays and Sundays, at 8:30 p.m. EST, over DJD (11.77), DZD (10.54) or Y (9.52).

FRED KALTENBACH, said to be in charge of broadcasts to this

country, a native of Iowa and a Ph. D. of the University of Berlin, is the son of a German immigrant and served as a lieutenant in the United States Coastal Artillery during the last war. He can be heard on Mondays and Saturdays, at 8:45 p.m. EST, over DJD (11.77), DZD (10.54) or Y (9.52).

E. D. WARD is the radio name of Edward Leopold Delaney, Irish-American actor and author of cheap fiction. According to information obtained by CBS, Ward was in the United States shortly after the outbreak of the war. His talks are broadcast on Mondays, Wednesdays and Fridays at 9:20 p.m. EST, over DJD (11.77), DZD (10.54), Y (9.52) and DJC (6.02). He also doubles as an actor in the "Political Cabaret," aired over the same stations, Saturdays at 9:30 p.m. EST.

DR. OTTO KOISCHWITZ, usually introduced by his initials as "O. K.," was a former member of the faculty of Hunter College in New York City. He can be heard in a series of talks known as "O. K. Speaking" daily except Saturdays and Sundays, at 9:00 p.m. EST, over DJD (11.77), DZD (10.54) and Y (9.52).

HANS FRITSCHKE, the only Berlin commentator who addresses German-speaking listeners in the United States in their mother tongue, gives a "Press Review" Tuesdays, Wednesdays, Thursdays and Saturdays at 7:15 p.m. EST, over DJD (11.77), DZD (10.54) and Y (9.52).

GERTRUDE HAHN, possibly of German-American origin, plays the role of a telephone operator in the weekly dramatic monolog, "Hot Off the Wire," heard Saturdays, at 10:50 p.m. EST, over DJD (11.77), DZD (10.54) and Y (9.52). Her program is supposed to convince American workers that their German brothers and sisters are being well treated.

CONSTANCE DREXEL, according to the New York newspaper PM, has been introduced as "the Philadelphia socialite and heiress." Her function has been to tell culturally inclined Americans that opera, concert music and the theater are thriving in Germany.

FROM THE WAR ARENA: Moscow's second English period for North America, heard nightly at 9:30 p.m. EST, is now broadcast over RAN (9.60) and RV96 (9.52) . . . The network pick-ups from Greece, Bulgaria, Roumania, Yugoslavia and unoccupied France are sent by land wire to Geneva, Switzerland, thence by short wave to this country via one of the following frequencies of the League of

Nations' transmitter: HBQ (6.675), HBL (9.345) or HBO (11.402). HBQ is almost always used for evening broadcast pick-ups . . . Commentaries from Turkey come to the United States direct, being sent out over the Ankara station TAP (9.465) . . . The infrequent pick-ups from Egypt are broadcast over Cairo commercial transmitters, SUX (7.86) or SUV (10.05).

11:15 p.m.—London—"Britain Speaks": GSD (11.75) GSC (9.58) GSL (6.11)

Saturday, November 30

For programs broadcast daily see Daily Programs (Col. 1) 1:15 p.m.—New York City—Football, Army vs. Navy: WCBX (11.83)

1:45 p.m.—Boston—Football: WRUL (15.25, 11.79) 2:45 p.m.—Cincinnati—Football: WLWO (11.71) 8:45 p.m.—Berlin-Paris—Fred Kaltenbach's Military Review: DJD (11.77) Y (9.52) 10 p.m.—London—"Within the Fortress," Herbert Hodge, taxi driver: GSD (11.75) GSC (9.58) 11 p.m.—Guatemala—Marimba dance music: TGWA (9.685) 12 mid. (Sat., Sun.)—Keijo, Chosen—Special ama-

Important Stations

Table with columns: Call letters, Frequency, Station name, Frequency. Lists important stations worldwide: CBW7 Portugal, DJB Germany, DJC, etc.

For DX transmissions for North American listeners: J8C1 (25.14)

Sunday, December 1

For programs broadcast daily see Daily Programs (Col. 1) 12:45 p.m.—Guatemala—Requests program by the Marimba Ensemble: TGWA (15.17) 7:15 p.m.—Guatemala—Concert in the Acoustic Bowl of the Central Park: TGWA (9.685) 8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJD (11.77) Y (9.52) 8:30 p.m.—London—"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58) 9 p.m.—Berlin-Paris—Talk by Rear Admiral Lutnow: DJD (11.77) Y (9.52) 10 p.m.—London—"Within the Fortress," Sir Hugh Walpole: GSD (11.75) GSC (9.58) GSL (6.11)

Monday, December 2

For programs broadcast daily see Daily Programs (Col. 1) 8:30 p.m.—London—"Britain Speaks," with Leslie Howard: GSD (11.75) GSC (9.58) 8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58) 9 p.m.—London—Variety: GSC (9.58) GSL (6.11) 9:20 p.m.—Berlin-Paris—English talk by E. D. Ward: DJD (11.77) Y (9.52) 10 p.m.—London—"Within the Fortress," George Blake: GSD (11.75) GSC (9.58) GSL (6.11)

Tuesday, December 3

For programs broadcast daily see Daily Programs (Col. 1) 8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJD (11.77) Y (9.52) 8:30 p.m.—London—"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58) 9:30 p.m.—London—Talk, "Here Lies the Nazi": GSD (11.75) GSC (9.58) 10 p.m.—London—"Within the Fortress," Clemence Dane: GSD (11.75) GSC (9.58) GSL (6.11)

Wednesday, December 4

For programs broadcast daily see Daily Programs (Col. 1) 4 p.m.—London—"I've Seen This Week": GSD (11.75) 6:10 p.m.—Sydney—English talk, "The Australian Scene": VLQ5 (9.68) 7:30 p.m.—London—"British Sketch Book": GSD (11.75) GSC (9.58) 8:30 p.m.—London—"Britain Speaks," Sir Philip Joubert: GSD (11.75) GSC (9.58) 10 p.m.—London—"Within the Fortress," Ronald Cross: GSD (11.75) GSC (9.58) GSL (6.11) 10 p.m.—Guatemala—Opera: TGWA (9.685)

Thursday, December 5

For programs broadcast daily see Daily Programs (Col. 1) 4 p.m.—London—"Speaking for Britain": GSD (11.75) 7:15 p.m.—London—English news-letter for Canada: GSD (11.75) GSC (9.58) 7:30 p.m.—Budapest—Communications of the World Association of Hungarians; News in English: HAT4 (9.125) 8:30 p.m.—London—"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58) 8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58) 10 p.m.—London—"Within the Fortress," Warren Irvin: GSD (11.75) GSC (9.58) 10:50 p.m.—Berlin-Paris—Jim and Johnny: DJD (11.77) Y (9.52)

Friday, December 6

For programs broadcast daily see Daily Programs (Col. 1) 5:30 p.m.—Berlin-Paris—Advance program notices: DJD (11.77) Y (9.52) 6:10 p.m.—Sydney—English talk, "Around Australia": VLQ5 (9.68) 8:30 p.m.—Berlin-Paris—English talk by Lord Haw Haw: DJD (11.77) Y (9.52) 8:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58) 10 p.m.—Guatemala—Radio Theater: TGWA (9.685)

European News in English

Table with columns: Daily, EST, Morning, CITY, STATION, DIAL. Lists broadcast times and stations for European news.

Table with columns: Daily, Afternoon, CITY, STATION, DIAL. Lists broadcast times and stations for afternoon programs.

Table with columns: Daily, Evening, CITY, Program, Station. Lists broadcast times and stations for evening programs.

Daily Programs, Sat., Dec. 14, through Fri., Dec. 20

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Large table with columns: EST, City, Program, Station. Lists daily broadcast programs from Dec 14 to Dec 20.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

THE CHINESE INTERNATIONAL STATION

THE present capital of China and headquarters of Generalissimo Chiang Kai-shek is Chungking, province of Szechwan, West China.

The Chinese government's previous attempts at international broadcasting, first from Nanking, then from Hankow, were successively terminated by Japanese aerial bombs.

9:00-9:45 a.m.—over XGOY (9.635) News in English at 9:00 a.m. Transmission 14: Directed to Asia, South Seas

In addition to the above, the transmitter of XGOA at Chungking, ordinarily used for local broadcasts, relays the international broadcasts of XGOX-XGOY daily from 7:00 to 7:20, 9:00 to 9:10, 10:00 to 11:00 a.m., 2:00 to 4:20 p.m., Wednesdays from 6:30 to 7:20 a.m. and Saturdays from 8:00 to 8:50 a.m. EST on a short-wave frequency of 9.72 megs.

The Chinese international programs for North America are heard with fair regularity in those sections for which they are specifically intended. Other transmissions are heard from time to time when reception from Asia is at its best.

Transmission 6: Directed to Western North America 1:00-1:50 a.m.—over XGOX (15.20) English news at 1:20 a.m.

GENERAL NOTES: In addition to his nightly broadcasts Lord Haw Haw may now be heard daily at 1:30 p.m. EST, over Berlin station DJB (15.20) . . . Any listeners who have reported to Cuban stations in the past and who have not as yet received verifications of their reception, should report this fact at once to Erick R. Johnson, P. O. Box 422, Perth Amboy, New Jersey, stating the date report was sent, and if either IRC, stamps or coin were enclosed with same.

the Metropolitan in New York City are once more available to short-wave listeners. Set your dials to WNBI (17.78) or WGEO (15.33) any Saturday from 1:55 p.m. EST on . . . Cuban short-wave station COCQ, once heard on 6.36, has moved to 4.80 megs . . . August Balbi of Los Angeles, California, informs me of the latest changes in the Japanese and Australian transmissions to North America.

ers in the air, on land, at sea: GSD (11.75) GSC (9.58) GSL (6.11) 11:15 p.m.—London—"Britain Speaks": GSD (11.75) GSC (9.58) GSL (6.11)

Saturday, December 14 For programs broadcast daily see Daily Programs (Col. 1) 8:15 p.m.—London—"Off the Record": GSD (11.75) GSC (9.58)

Important Stations

(Megacycles or thousands of kilocycles shown)

Table listing various international stations with their call letters and frequencies.

8:45 p.m.—London—Headline News, by George Slocome: GSD (11.75) GSC (9.58)

Sunday, December 15

For programs broadcast daily see Daily Programs (Col. 1) 1:30 p.m.—Guatemala—The Luncheon Hour concert, selected masterpieces: TGWA (15.17)

Monday, December 16

For programs broadcast daily see Daily Programs (Col. 1) 7:45 p.m.—London—"Matters of Moment": GSD (11.75) GSC (9.58)

Tuesday, December 17

For programs broadcast daily see Daily Programs (Col. 1) 6:15 p.m.—Berlin—Berlin Philharmonic Orchestra: DJD (11.77) DZD (10.54)

Wednesday, December 18

For programs broadcast daily see Daily Programs (Col. 1) 5:30 p.m.—Berlin—"Through a Woman's Eyes": DJD (11.77) DZD (10.54)

Thursday, December 19

For programs broadcast daily see Daily Programs (Col. 1) 7:15 p.m.—London—English news-letter for Canada: GSD (11.75) GSC (9.58)

Friday, December 20

For programs broadcast daily see Daily Programs (Col. 1) 7:15 p.m.—London—"Quiz for the Forces": GSD (11.75) GSC (9.58)

European News in English

Table with columns: Daily, Morning, EST, CITY, STATION, DIAL. Lists broadcast times and stations for European news in English.

Table with columns: Daily, Afternoon, EST, CITY, STATION, DIAL. Lists broadcast times and stations for European news in English during the afternoon.

Table with columns: Daily, Evening, EST, CITY, STATION, DIAL. Lists broadcast times and stations for European news in English during the evening.

Daily Programs, Sat., Dec. 21, through Fri., Dec. 27

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Table with columns: EST, City, Program, Station. Lists daily broadcast programs from EST 7:15 a.m. to 1:30 a.m., including news, music, and cultural programs.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

THE NATIONAL BROADCASTING STATION OF GUATEMALA

INTERNATIONAL station TGWA, "The Voice of Guatemala," is making an outstanding contribution in the fostering of friendly relations between the United States and Latin America.

Guatemala is a land of contrasts where the ancient and the modern meet. Here are jungles whose thick underbrush overgrows and almost conceals exquisite ruins of old Mayan habitations...

TGWA is a 10,000-watt ultra-modern short-wave station at Guatemala City, the capital of Guatemala. The transmitter was installed by and is operated by United States radio engineers.

GENERAL NOTES: According to Robert Skyten of East Brookfield, Mass., a new station, "Radio Algiers" (8.86), is broadcasting French and Arabic programs, daily from approximately 2 to 4 p.m. EST.

The programs of TGWA, especially those broadcast daily from 12:45 to 2:00 p.m. EST, on a frequency of 15.17 megs, are received in this country and Canada with amazing signal strength.

Schedule of broadcast programs for TGWA station, including DAILY, SATURDAYS, SUNDAYS, MONDAYS, TUESDAYS, WEDNESDAYS, THURSDAYS, and FRIDAYS.

over London stations, GSE (11.86), GSN (11.86) and GSL (6.11), daily at 6:15 a.m. EST, is being jammed—presumably by the Rome stations—with interference akin to the tinkling of sleigh-bells.

Saturday, December 21

For programs broadcast daily see Daily Programs (Col. 1) 5:15 p.m.—Lima—Program of Peru Automobile Club for North America: OAX4R (15.155)

Important Stations

Table listing various international radio stations with columns for call letters, frequency, and power output.

8:30 p.m.—Berlin—"Mirror of German Progress": DJD (11.77) DZD (10.54) 8:30 p.m.—Cincinnati—Cincinnati Symphony Orchestra: WLWO (9.59)

Sunday, December 22

For programs broadcast daily see Daily Programs (Col. 1) 3:30 p.m.—Guatemala—Popular Latin American music: TGWA (15.17)

Monday, December 23

For programs broadcast daily see Daily Programs (Col. 1) 7:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75) GSC (9.58)

Tuesday, December 24

For programs broadcast daily see Daily Programs (Col. 1) 6:15 p.m.—Berlin—Berlin Philharmonic Orchestra: DJD (11.77) DZD (10.54)

Wednesday, December 25

For programs broadcast daily see Daily Programs (Col. 1) 5:30 p.m.—Berlin—"Through a Woman's Eyes": DJD (11.77) DZD (10.54)

Thursday, December 26

For programs broadcast daily see Daily Programs (Col. 1) 7:15 p.m.—London—English Newsletter for Canada: GSD (11.75) GSC (9.58)

Friday, December 27

For programs broadcast daily see Daily Programs (Col. 1) 7:15 p.m.—London—"Quiz for the Forces": GSD (11.75) GSC (9.58)

European News in English

Table with columns: Daily, Morning, CITY, STATION, DIAL. Lists broadcast times and stations for European news.

Table with columns: Daily, Afternoon, CITY, STATION, DIAL. Lists broadcast times and stations for European news in the afternoon.

Table with columns: Daily, Evening, CITY, STATION, DIAL. Lists broadcast times and stations for European news in the evening.

Daily Programs, Sat., Dec. 28, through Fri., Jan. 3

The programs listed here are those broadcast daily at the same time. Exceptions are indicated.

Table with columns: CST, City, Program, Station. Lists daily programs from 6:20 a.m. to 7:45 p.m. across various cities.

On Short Waves

Edited by Charles A. Morrison

President, International DX'ers Alliance

Programs from foreign countries subject to change without notice

TOKYO EXPANDS OVERSEAS PROGRAM SERVICE

WITH the joint purpose of intensifying its propaganda broadcasts and at the same time commemorating the 2,600th anniversary of the enthronement of Jimmu Tenno at the Kashiwara Palace in Yamato and the founding of the Japanese Empire, the Broadcasting Corporation of Japan has expanded its overseas service to such an extent that broadcasts are now being sent out on almost a twenty-four-hour daily basis.

The overseas broadcasts for listeners in the eastern part of North America is now a two-hour program, broadcast daily from 7:00 to 9:00 p.m. CST, over two of the new stations JLG4 (15.105) and JVZ (11.815). JLG4 is being heard with tremendous volume.

GENERAL NOTES: Germany now broadcasts to North America as follows: 5 to 8, 10:30 to 10:45, 11:30 to 11:45 a.m. and 12:30 to 12:45 p.m. over DJB (15.20); 2:30 to 3 p.m. over DJZ (11.80); 3:50 to 10 p.m. over DJD (11.77) and DXB (9.61), and 7 p.m. to 12 mid. CST, over DJC (6.02). Station Y (9.52) of Paris is also carrying the Berlin Programs daily from 3:50 to 10 p.m. CST.

gram announcements follow and then the daily news bulletin in English is read (this is strongly anti-United States in character at present). The balance of the program is made up of a well-balanced variety of both Japanese- and western-type music, topical talks and special features.

The overseas broadcast for western North America is now a three-hour feature, heard daily from 9:30 p.m. to 12:30 a.m. CST, over JZJ (11.80) and JZI (9.535). Program follows about the same formula as that for the eastern broadcast.

The complete new schedule of Japanese overseas broadcasts which becomes officially effective on Wednesday, January 1, 1941, follows (time is CST): 1:00 to 2:30 a.m. for Hawaii over JZI (9.535) 4:30 to 5:25 a.m. for Australia-New Zealand over JZJ (11.80) 5:30 to 8:30 a.m. for China and South Seas over JZI (9.535) and JZJ (11.80) 9:00 to 11:00 a.m. for Southwestern Asia over JZI (9.535) and JZJ (11.80) 1:00 to 3:00 p.m. for Europe over JVW (7.257) and JZI (9.535) 3:30 to 4:30 p.m. for South America over JZI (9.535) and JZJ (11.80) 5:00 to 6:30 p.m. (Japanese) over JZI (9.535) and JZJ (11.80) 7:00 to 9:00 p.m. for Eastern North America over JLG4 (15.105) and JVZ (11.815) 9:30 p.m. to 12:30 a.m. for Western North America over JZI (9.535) and JZJ (11.80)

addressed to FGA, Dakar, bounced back to him on Dec. 5, with the following notation: "No service—return to sender" . . . Afternoon broadcasts from "Radio Brazzaville" (11.97) and CNR2 (11.94). Rabat, Morocco, are being badly cut up by deliberately imposed interference . . . John Kernan of Boston, Mass., has received a letter from Denis M. Gick, station manager of ZQ1 (4.70), the Government Broadcasting Station, 112 East Street, Kingston, Jamaica, British West Indies, which states that this 200-watt short-wave transmitter is now in operation weekdays from 5 to 5:30 p.m. CST. On Thursdays the broadcast commences at 4:30 p.m. CST. Reports from United States listeners are eagerly welcomed and will be verified promptly with the station's verification card . . . The last broadcast to the Byrd Expedition in Antarctica will be made on Friday, January 3, at 10:30 p.m. CST, over WGE0 (9.52) at Schenectady, New York. Dr. Paul A. Siple and his group of men will leave "Little America," the West Base camp of the expedition, on Saturday, January 11.

Saturday, December 28

Table with columns: Time, City, Program, Station. Lists Saturday programs from 4:15 p.m. to 9:50 p.m.

Important Stations

(Mega cycles or thousands of kilocycles shown)

Table with columns: Station, Frequency, Station, Frequency. Lists various international stations and their frequencies.

Sunday, December 29

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Sunday programs from 11:45 a.m. to 8 p.m.

Monday, December 30

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Monday programs from 6:45 p.m. to 10 p.m.

Tuesday, December 31

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Tuesday programs from 5:15 p.m. to 9 p.m.

Wednesday, January 1

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Wednesday programs from 1 p.m. to 9 p.m.

Thursday, January 2

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Thursday programs from 3 p.m. to 9 p.m.

Friday, January 3

For programs broadcast daily see Daily Programs (Col. 1)

Table with columns: Time, City, Program, Station. Lists Friday programs from 4:30 p.m. to 9 p.m.