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 CXAI4. 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 weeknights 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 20,000watt 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

N WELCOME contrast to the usual war-propaganda programs being ground out on production scale 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 topranking and high-salaried comedians supported by their staff of stooges.

PCJ and PHI are owned and op-erated 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, permit-ting broadcast to be accurately di-

rected at will toward any point of the compass.

PCJ (20,000 watts) maintains complicated and extensive broadcast schedule, but we are interested only 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), Sun-days 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. (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 fourtone 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 PCI, containing reception reports are often read over the air. Those reporting are also supposed to receive attractive PCJ veri-fication 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 Alrica.

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 . . . island's few crops, but that everybody was well although supplies were running low . . . Joseph Voislch 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 alfilitate-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

*HE 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 some-times 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 shortwave listeners in the United States; the singing of the Ethiopian Song of Honor by a native chorus, to the accompaniment of tomtoms; 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: According 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 Freiheitsender" (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 & Songs, 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.

- A. IIII			
Daily	Morni	ng	
EST	CITY	STATION	DIAL
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	Aftern	000	
12:20 p.m.	Paris	TPC8	11.84
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	Eveni	100	
		-	0.61
6:00 p.m.	Berlin	DXB	9.61 11.77
6:30 p.m.	London	GSC	9.58
7:00 p.m.	Moscow	RAN	9.60
		RNE	12.00
7:30 p.m.	Budapest	HAT4	9.125
(ex. Sat.)		200.0000	
7:30 p.m.	Rome	2R03	9.63
7:30 p.m.	London	GSC	9.58 6.11
8:00 p.m.	Stockholm	GSL SBP	11.70
0.00 p.m.	Stockholm	SBU	9 53
8:03 p.m.	Paris	TPC	9.53 9.52
		TPB7	11.88
8:15 p.m.	Berlin	DXB	9.61
0.40	100	DJC	6.02
8:40 p.m.	Madrid	EAQ	9.86
9:45 p.m.	London	GSC GSL	9.58
		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
11.20	Deut-	GSD	11.75
11:30 p.m. 12:00 mid.	Paris Berlin	TPC DXB	9.52 9.61
	Delliii	DIC	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
3:00 a.m.	1//	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.

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, folkmusic and news in English from Portuguese East Africa: CR7BE (9.645) (Best near 3 to 4 p.m.)

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.—P a n a m a—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.—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

HE 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

CR7BE, the new 10,000-watt shortwave 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 megs. 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 threetone 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 folkmusic 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 megs. 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 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 megs. 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 Morday evening, February 12, when Chicago missionary Clarence Jones' powerful new 10,000-watt shortwave 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: 2RO3 (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: 2RO3 (9.635)

Important Stations

(Megacycles or thousands of kilocycles shown) 6.15 RV96, " 6.03, 15.18
11.72 SBU, " 9.585
9.645 TGWA, Guatemala
9.735
16.20 TGWA, Guatemala
6.195
6.02 TPA4, Paris 11.718
11.77 TBP7, " 11.835
15.11 TPCS, " 11.845
15.11 TPCS, " 11.845
15.11 TPCS, " 9.52
9.86 VLQ, Australia 9.615
9.595 VLR, " 9.58
9.69 VLQ, Australia 9.615
9.595 VLR, " 9.645
6.05 WCAB, Philadelphia, 9.615
11.76
11.76
11.76
11.78
WCBA, Schenectady, N.Y. 21.50, 15.33, 9.55
121.47
15.26 WGEA, Schenectady, N.Y. 21.50, 15.33, 9.55
121.47 WGEO, Schenectady, N.Y. 21.50, 15.33, 9.55
121.47 WGEO, Schenectady, N.Y. 21.50, 15.37, 6.14
15.31
WWIL, New York City
15.31
17.81 WPIT, Pittsburgh, Pa.
9.125 21.54, 15.21, 11.87, 6.14
9.125
9.125 21.54, 15.21, 11.87, 6.14
9.125
9.535
11.79
WRUL, Boston, Mass.
15.16 WEZMJ, N.Y. City 25.30
15.16 WZMJ, N.Y. City 25.30
15.16 WZMJ, N.Y. City 25.30
17.97 KGOY, " 11.90
9.665 YESA, " 7.01 CJRO, Canada CJRX, " CR7BE, Mozambi-6.15 RV96, " 6.03, 15.18 11.72 SBP, Sweden 11.705 SBU, " 9.535 que CSW7, Portugal DJB, Germany DJL, "DJL, "DJL, "DJL, "DJL, "DJL, "DJL, "DJL, "DJL, "DJL, "EAQ. Spain EIRE, Ireland GRX, England GSA, "GSB, "GSD. "GSD. "GSD. "GSF, "GSF, "GSF, "GSF, "GSF, "GSF, "GSJ, "GSL, "GSJ, "GSL, "GSJ, "GSL, "GSJ, "GSL, "GSJ, "GSL, "GSJ, GSL. "GSO, "GSP, "GSP, "HAT4, Hungary HBL, Switzerland HP5A, Panama HP5G, "HVJ, Vatican City JZI, Japan JZJ, 11.80
JZK, 15.16
KGEI, San Francisco,
Calif. 9.53, 15.33
KHE, Hawaii 17.97
KQH, Hawaii 14.92
KZRH, Philippines 9.855
LRX, Argentina 9.66
MTCY, Mancaukuu 11.75
OZF, Denmark 9.52
OZH, 15.32
PCJ, HOlland 9.59, 15.22
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 mu-sic for North American listeners: HVJ (6.19)

XPSA, "YUE, Yugoslavia YV5RN, Venezuela 2R03, Italy 2R04, " 2R06, " 2R09, "

Monday, February 26

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: 2RO3 (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 5:30 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: 2RO3 (9.63)
8.n.m.—London—Talk, "Cards on the Talks".

(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

7 p.m.—B u d a p e s t—Vocal Ensemble: HAT4

(9.125)
7:40 p.m.—Rome—Rossini Anniversary Concert:

2RO3 (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)

(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: 2RO3 (9.63) 2RO4 (11.81)

(9.63) ZRO4 (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)

Daily	Ma	rning		
EST	CST	CITY	STATION	DIAL
and the second second				
6:30 a.m.	5:30 a.m.	London	GSG	17.79
6:45 a.m.	5:45 a.m.	Berlin	DJB	15.20 15.195
7:15 a.m. 8:15 a.m.	6:15 a.m. 7:15 a.m.	Ankara London	TAQ 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	Afte	ernoon		
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
	ALC: NO		GSC	9.58
Daily	Ev	ening		
6:00 p.m.	5:00 p.m.	Berlin	DJB	15.20
			DJD	11.77 9.58
6:30 p.m.	5:30 p.m.	London	GSC	
7:00 p.m.	6:00 p.m.	Moscow	RAN	9.60
7 20	e 20		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
7.50 p.m.	0.50 p.m.	London	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
0 .0	- 40		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
10:30 p.m.	9:30 p.m.	Berlin	GSD DXB	9.61
10.50 р.пп.	7.50 p.m.	Dellin	DIC	6.02
11:00 p.m.	10:00 p.m.	London	GSC	9.58
	To Too Pilli	- andon	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
10.00			DIC	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
3:00 a.m.	2:00 a.m.	London	GSA	6.05 9.51
5:00 a.m.	2:00 a.m.	London	GSB GSA	6.05
3:00 a.m.	2:00 a.m.	Moscow	RV96	15.18
J.00 a.III.	2.00 0.111.	MOSCOW	11.00	15.10
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Daily Programs, Sat., March 9, through Fri., March 15

The programs listed here are those broadcast daily at the

		adding cillie.	Exceptions are murcar	eu.
	EST	City	Program	Station
8		Belgrade—J	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

2:50 p.m.—Prague—German propaganda talk in English: DZB (10.04)

English: DZB (10.04)

3 p.m.—Rome—Evening concert with English announcements: 2RO6 (15.30) 2RO4 (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)

6:30 p.m.—P a n a m a—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: ZRO3 (9.63) 2RO4 (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—Warnews: 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"

IDDEN 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.

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.

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 shortwave 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 Podebrad," 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., EUROPE'S SHORT-WAVE VOICES: OLR4A

writes that the anti-Nazi "Deutscher Freiwrites 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.

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

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

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

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

Important Stations

(Megacycles or tho	usands of	kilocycles show	wn)
			12.00
CIRY " 11	.72 RV9	U.S.S.R.	12.00
CJRX, '' 11	.72 RV9	6, '' 6.03	, 15.18
CR7BE, Mozam-	SBP	, Sweden	11.705
	645 SBU		
	735 TGW	VA. Guatemala	Call Sta
DJB, Germany 15	.20	9.685	, 15.17
	.02 TG2	, Guatemala	6.195
DJD, " 11	.77 TPA	4. Paris	11.718
DJL. " 15	.11 TPB	7. "	11.885
DXB, " 9	.61 TPC	8. "	11.845
EAQ, Spain Streland 9.	.86 TPC	Guatemala 4, Paris 7, '' 8. '', ,', Australia	15.13
EIRE, Ireland 9.	595 VLQ	Australia	9.615
	.69	,	9.68
GSA.	.05 VLR	V3, "	9.58
	.51 . VLV	72 "	9.645
		AB. Philadelph	
000 11 11		6.06, 9.59	
	. 10 13	0.00, 9.99	0:4-
	.86 WUI	3X, New York 21.57, 15.27	Ulty
	.14	21.57, 15.27	, 11.00
GSG, " 17	.79	9.65, 6.1	
UDII,	.47 WG	EA, Schenectad	y,
	.26 N.	Y. 21.50. 15.3	3, 9.55
		EO. Schenectad	у,
	.11 N.	Y.	9.53
	.18 WL	WO. Cincinnati	
GSP. " 15	.31 01	nio	6.06
GSV. " 17	.81 WN	BI, New York	City
HAT4, Hungary 9.	125	6.100	. 17.78
	.34 WPI	T. Pittsburgh,	Pa.
	.46 21	.54, 15.21, 11.8	7. 6.14
HP5A, Panama 11	.70 WR	CA. New York	City
HP5G, " 11	.78	9.67	. 17.78
HVJ. Vatican City 18	.12 WR	UL. Boston, Ma	
	125	11 7	9. 6.04
	535 WR	UW. Boston. M	age
	.80	11 70	. 15.13
	.16 W23	IJI, N. Y. City	95 30
	.16 WZZ	D. M. I. City	7 99
KGEI, San Francisco,	ALU	OR, Mexico NW, "OX. China OY. "	0.50
Calif. 9.53, 15	.33 XEV	WW,	15 00
KHE. Hawaii	.97 XGC	X, Unina	10.20
	.92 XGC	Y.	9.04
KZRH, Philippines 9.	635 XPS	Α. "	7.01
LRX, Argentina	1.66 YUE	Jugoslavia	11.735
MTCY, Manchukuo 11.	775 VV5	RN. Venezuela	D.U 1
ORK, Belgium 10	.33 2RO	3, Italy	9.63
OZF. Denmark	.52 2RO	4, "	11.81
OZH, " 18	.32 2RO	6. "	15,30
ORK, Belgium 10 OZF, Denmark 5 OZH, "15 PCJ, Holland 9.59, 15	.22 2RO	9. "	9.67
RAN. U.S.S.R.	.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: 2RO3 (9.63) 2RO4 (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: 2RO3 (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)

(17.81)
2:45 p.m.—London—Play, "The Shadow of the Swastika": GSP (15.31)
7 p.m.—B u d a p e s t—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: 2RO3 (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

8:45 p.m.—Berlin—English talks on current war topics: DXB (9.61) DJC (6.02)

Tuesday, March 12

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) 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 (Cot. 1) 8:30 a.m.—London—"World Affairs": GSV (17.81) 10 a.m.—London—Talk, "In England Now": GSV (17.81)

(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: 2RO3
(9.63) 2RO4 (11.81)

9:45 p.m.—San Francisco—Exposition Interviews: KGEI (15.33) 11:30 p.m.—Schenectady—News, music, personal

greetings and messages to members of Byrd Antarctic Expedition at "Little America": WGEO (9.53) 11:30 p.m.—London—"World Affairs." Wickham Steed: GSC (9.58) GSD (11.75)

Daily	14		
Daily	Mornii		
EST	CITY	STATION	DIAL
6:30 a.m	Londor	GSG	17 79
6:45 a.m.	Berlin	DJB	15 20
7:15 a.m	Ankara	TAQ	15.195
8:15 a.m	Londor	G5 v	17.8
8:30 a.m	Berlin	DIE	15.2.
9:15 a.m	Berlin	DJP	15.2
10:45 a.m	Rome	2ROt	15.30
	andor	251	15.13
11:30 a.m	Paris	TPC	15 13
Daily	Afterno		
12:20 p.m	Paris	TPCS	11.845
1:00 p.m	Londor	GSI	15.26
1:18 p.m	Rome	2R 04	11.81
2:15 p.m	Ankara	TAP	9.465
3-50 pm	Londor	GSD	11.75
4:15 p.m	Rome	2R 03	9.63
- ·45 p.m	Londor	GSD	9.58
0-11	Na Control of		7.30
Daily	Evenii	The second second	1
5:00 p.m	Berlin	DIR	15.20
6-20 E =	0.000	DID	9.58
6:30 p.m	Londor	GSC	11.75
7.00 p.m	Moscow	RAN	9.60
ου μ.πι	MIOZCOM	RNE	12.00
7:30 p.m	Budapest	HAT4	9.125
(ex Sat.)	oudapes.	116.13	24122
7.30 p.m	Rome	2R04	11.81
7:30 o.m	London	GSD	11.75
8 tt um	Stockholm	SBU	9.535
ë:03 μ.m	Paris	TPC	9.52
		TPB7	11.88
8:15 p.m	8erlin	DID	11.77
	22 22	DXB	9.61
8:40 p.m	Madrid	EAQ	9.86
9:40 p.m.	London	GSC	9.58
10-00		GSD	
10:00 p.m.	Rome	2R03	9.63
10:30 p.m	Berlin	2RO4	11.81
10.30 p.m	Dellin	DID	11.77
11:00 p.m	Londor	GSC	9.58
pilli	London	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 57
1:15 a.m	London	GSB	9 51
		GSD	11.75
3-00 a m	ondor	GSB	9.51
3:00 a.m.	Moscow	R V96	15.18

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

The programs listed here are those broadcast daily at the

	EST	City	Program	Sta	ation
9		Szechwan, rica: XGO	China—Program Y (9.64)	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.—Pariss—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)

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: 2RO6 (15.30) 2RO4 (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.—Paris—Talks, plays, music and news for Isteners in North America: SBU (9.535)
8:15 p.m.—Rome—"American Hour" for listeners in North America: 2RO6 (15.3) 2RO4 (11.81)
8:30 p.m.—Szechwan, China—Music and news in English for North American listeners: XGOX (15.20)

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

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)

GSD (11.75)

12 mid. daily—Tokyo—Japanese program: JZJ (11.80)

4:00 a.m. daily—Suva, Fiji's—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 25meter band on a frequency of 11.78 megs (between JZJ, Tokyo, on 11.89 and DJD, Berlin, on 11.77 megs), 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 reception in Indo-China, this transmission is often heard in North America, sometimes completely overriding HP5G, Panama City, on 11.785 megs.) All transmissions terminate with the playing of the "Mar-

"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 megs.

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 the year for short-wave listeners to hear foreign amateur stations on the 10-meter (28 to 30 megs) or the 20-meter (14 to 14.400 megs) 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 teur prefixes (some countries have more than one prefix, for example, Argentina with LUI, 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 TYAZ EUROPE'S LONG-DISTANCE RADIO mercial stations daily as follows: Over TYAZ (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). (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, Jugoslavia, 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 Benguella of Benguella, 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, PRFS (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 Englist 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

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

10:30 a.m.-London-Religious services: GSV (7.81) .m.—Guatemala—Band concert: TGWA 3:30 p.m.—(15.17)

7 p.m.—Budapest—Hungarian "taragato" recital: HAT4 (9.125)

Important Stations

(Megacycles or t	housan	ds of kilocycles sho	wn)
CJRO, Canada	6.15	RV96, U.S.S.R.	
CJRX	11.72	6.03	3, 15,18
CR7BE, Mozam-		SBP, Sweden SBU, "	11.705
bique	9,645	SBU. "	9.535
CSW7 Portugal	9.735	TAP. Turkey	9.465
DJB. Germany	15.20	TAO "	15.195
DJD.	11.77	TGWA, Guatemala	
DJB, Germany DJD, "DJL, "DJL, "EAQ, Spain	15.11	9,685	15.17
DXB. "	9.61	moo o	0.450
EAQ. Spain	9.86	TPA4. Paris	11 718
EIRE, Ireland	9.595	TPA4, Paris TPA4, Paris TPB7, " TPC8. " TPC. " TPC, VLQ5, Australis VLR. " VLW3. "	11 885
GRX. England GSB. GSC. GSD. GSE. GSF. GSF. GSG.	9.69	TPC8. "	11.845
GSB.	9.51	TPC.	15.43
GSC "	9.58	VLO5 Australia	9.68
GSD "	11.75	VLR.	3.53
GSE "	11 86	VI.W3	9 645
GSF "	15 14	WCAB. Philadelph	19
GSG. "	17.79	Pa. 6 03. 9.59	
GSG. "	21 47	WCBX, New York	City
GSI. "	15.26	21.57, 15.27	11 83
	21.58	9.65. 8.1	
GSO. "	15.18	WGEA, Schenectae	
GSP. "	15.31	N. Y. 21.50, 15	
GSV. "	17.81	WGEO. Schenectad	D 0.00
HAT4, Hungary	9.125	N. Y.	9.53
HRI Switzerland	9.34	WLWO, Cincinnati	71.560
HBL, Switzerland HCJB, Ecuador	12.46	Ohio	6.06
HP5A. Panama	11.70	WNBI, New York	
HP5G.	11.78	6 100	7 78
HVJ. Vatican City		WPIT, Pittsbuigh	
HVB. Valican City	9.125	21.54, 15.21. 11 8	
JZI, Japan	9.535	WRCA. New York	
JZJ,	11.80	9 87	17.78
JZK. "	15.16	WRUL, Boston, M.	
KGEI, San Francisc		11 7	9. 6.04
Calif. 9.53.	15 22	WPHW Boston N	face
VUE Warraii	17.97	WRUW. Boston. M	3. 15.13
KHE, Hawaii KQH,	14.92	WOYII N V City	25 30
MTCY. Manchukuo		XECR Marica	7 33
OFD Finland	9.50	YEWW ''	9.50
OIF "	15 10	VCOV China	5 20
OPE Balgium	10.10	YGOV "	9.64
OFD, Finland OIE, ''' ORK, Belgium OZF, Denmark	0.50	XECR. Mexico XEWW. '' XGOX. Chins XGOY. '' XPSA. ''	7.0
OZH, Denmark	15.32	YUE. Jugoslavia	11 735
PCJ, Holland 9.59,	10.00	OPOS Itale	9 63
RAN. U.S.S.R	9.60	2P.04 "	11.81
RNE "	12.00	PPC6 "	15 30
1414	12.00	2RO3, Italy 2RO4. 2RC6, " 2RO9.	9.67
		SILOO,	2.00

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.—L o n d o n—"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

8:45 p.m.—Switzerland—Program of folk 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 (Coi. 1) 10 a.m.—London—Talk, "In England Now": GSV (17.81)

(17.81)
5:45 p.m.—London—Takk, "In England Now":
GSC (9.58) GSD (11.75)
8 p.m.—London—Talk, "Cards on the Table":
GSD (11.75)

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)

(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)

(9.125)
8:20 p m.—Rome—English tourist notes: 2RO3
(9.63) 2RO4 (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

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)

Daily	Morni	ng	
EST	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
15:45 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	Afterno	oon	
1-00 p.m	London	GSI	15.26
1:20 p.m.	Finland	OIE	15.19
4 12 p.m	Ankara	ГАР	9.465
2:25 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
Daily	Eveni	ng	
6:00 p.m.	Berlin	DJB	15.20
100		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.	Budapest	HAT4	9.125
(ex. Sat.)	2 1		
7:30 p.m.	Londor	GSD	11.75
8:00 p.m.	Stockho	SBU	9.535
8:03 p.m.	Paris	TPC	9.52
0.15	B 11	TPB7	11.885
8:15 p.m.	Berlin	DID	11.77
0.40	**********	DXB	9.61
8:40 p.m.	Madrid	EAQ	9.86 9.58
9:40 p.m.	London	GSC GSD	11.75
10:00 p.m.	Rome	2R04	11.81
10:30 p.m.	Berlin	DXB	9.61
10.30 p.m.	Dermi	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
2020		GSD	11.75
1:35 a.m.	Rome	2R03	9.63
3:00 a.m.	London	GSB	9.51
3:00 a.m.	Moscow	R V96	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.

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, folkmusic and news in English from Portuguese East Africa: CR/BE (9.645)

2:30 p.m.—Cairo—Arabic program from Egypt: (7.865)

East Africa: CR/BE (9.045)
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.—P a n a m a—News (English): HP5A

6:30 p.m.—Berlin—Lord Haw Haw: DXB (9.61)
6:30 p.m.—Pa n a m a—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: 2RO4 (11.81) 2RO6 (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)

(11.80)

12:45 a.m. daily—Paris—Broadcast for West Coast: (9.52)

1 a.m. daily—Rome—Special program: 2RO3 (9.63)

1:45 a.m. Mon., Tues., Thurs.—London—Warnews: 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

programs direct from Panama— the crossroads of the world—tune to HP5G (11.785), in the 25-meter

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-inchief 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-

OR interesting English and Latin 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 week-days 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 HOA (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 begin-ning 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 the higher frequencies . . . Berlin broadcasts advance information about programs for the following week on Fridays at 5:30 p.m.; Sat-urdays at 8:45 p.m. and on Sundays at 4:50 urdays 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 Oxfordaccented 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 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 Fahne-stock 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 shortwave 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 cur-rent 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": GSC (9.58) GSD (11.75)

1 a.m.—Pittsburgh—Messages and greetings 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 thousan	ds of kilocycles shown)
CR7BE, Mozam-	TAP, Turkey 9.465 TAQ, " 15.195
bique 9.645	TAQ. 15.195
CSW7, Portugal 9.735	TGWA, Guatemala
DJB, Germany 15.20	9.685, 15.17
DJB, Germany 15.20 DJD, '' 11.77 DJL, '' 15.11	man customale cine
DJL. " 15.11	TG2, Guatemala 6.195 TPA4, Paris 11,718 TPB7, ' 11,885 TPC8, '' 11,845 TPC, '' 15,13 VLQ5, Australia 9.68 VLR, '' 9.58 VLW3, '' 9.645
DXB, " 9.61	TEAT, Paris 11.716
DAD, 9,01	TFB1, 11,885
EAQ, Spain 9.86 EIRE, Ireland 9.595	TPC8, 11,845
EIRE, Ireland 9.595	TPC, " 15.13
GRX, England 9.69	VLQ5, Australia 9.68
GSB, '' 9.51	VLR, " 9.58
GRX, England 9.69 GSB, '' 9.51 GSC, '' 9.58 GSD, '' 11.75	VLW3, '' 9.645
GSD, " 11.75	WUAB, Fillagelbhia.
GSE, " 11.86	Pa. 6.06, 9.59, 15.27
GSF. " 15.14	WCBX, New York City
GSG, " 17.79	Pa. 6.06, 9.59, 15.27 WCBX, New York City 21.57, 15.27, 11.83
GSH, " 21.47	9.65, 6.17, 6.12
GSI, " 15.26	WGEA, Schenectady.
GSH, " 21.47 GSI, " 15.26 GSJ, " 21.58	N. Y. 21.50, 15.33, 9.55
GSO, " 15.18	WGEO. Schenectady
GSP, " 15.31	N. Y. 9.53
GSE, " 11.75 GSE, " 15.14 GSG, " 17.79 GSH, " 21.47 GSI, " 15.26 GSJ, " 21.53 GSO, " 15.18 GSP, " 15.31 GSV, " 17.81	WLWO, Cincinnati,
HAT4, Hungary 9.125	Ohio 6.06
HBL, Switzerland 9.34	WNBI, New York City
HCJB, 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
HP5G, '' 11.78 HVJ, Vatican City 6.19	WRCA, New York City
JZJ, Japan 11.80	9.67, 17.78
JZK, 15.16	WRUL, Boston, Mass.
MCTI Can Francisco	11.79, 6.04
Calif. 9.53, 15.33 KHE, Hawaii 17.97 KQH, '' 14.92	WRUW, Boston, Mass.
VUE Warreii 17 07	
VOU " 14 00	VECD Marion 798
MTCY, Manchukuo 11.775	VENUE !! 0 50
MICI, Manchukuo 11.775	MEWW,
OFD, Finland 9.50	YCOY III
Ole, 15.19	AGUI, 8.01
OKK, Belgium 10.33	XPSA, 1.01
OFD, Finland 9.50 OIE, " 15.19 ORK, Belgium 10.33 OZF, Denmark 9.52 OZH, " 15.32	XECR, Mexico 7.38 XEWW, 9.50 XGOX, China 15.20 XGOY, 9.64 XPSA, 7.01 YUE, Jugoslavia 11.735
OZH, '' 15.32	YUG, 15.24
PCJ, Holland 9.59, 15.22	2ROS, Italy 9.63
RAN, U.S.S.R. 9.60 RNE, " 12.00	2K04, ' 11.81
RNE, '' 12.00	2RO6, '' 15.30
RV96, '' 6.03, 15.18	2RO9 9.67
SBP, Sweden 11.705 SBU. " 9.535	YUE, Jugoslavia 11.735 YUG, " 15.24 2R03, Italy 9.63 2R04, " 11.81 2R06, " 15.30 2R09, " 9.67 2R015, " 11.76
SBU, '' 9.535	

3:30 p.m.—Rome—Advance program notices and "Listener's Corner," in English: 2RO4 (11.81) 2RO6 (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: 2RO4 (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.—L o n d o n—"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—ZRO's Mail Bag: ZRO4 (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)

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 (Cot. 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)

GSD (11.27)
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: HBI. (9.345)

Thursday, March 28

8 p.m.—London—Talk, "Background to News": GSD (11.75)
8:15 p.m.—Budapest—Folk songs and Gypsy b.
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)

(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)

4.00 p.m. P. Conserve for the second secon

8:40 p.m.—Rome—Concert of request selections: 2RO4 (11.81)

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)

CST CITY STATION DIAL 5:15 a.m. Rome 2R06 15:30 2R08 17:82 5:30 a.m. London GSG 17:79 5:45 a.m. Berlin DJB 15:20 6:15 a.m. London GSV 17:81 7:30 a.m. Berlin DJB 15:20 7:30 a.m. Berlin DJB 15:20 8:15 a.m. Berlin DJB 15:20 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 15:13	Daily	Morni	ng	
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Daily Programs, Sat., March 30, through Fri., April 5

The programs listed here are these breadcast daily same time. Exceptions are indicated.

City Program Station

The programs listed here are those broadcast daily as 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 Chy—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 outlaw station "Freedom Sender": (10.07)

3:15 p.m.—Berlin—Lord Haw Haw's propaganda talk (English): DXB (19.04)

2 p.m.—Anti-Nazi program from Hungary for North America: HAT4 (9.125)

6 p.m.—Moscow—News, talks and music from North America: HAT4 (9.125)

6 p.m.—Moscow—News, talks and music from Soviet Russia for listeners in 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)

GSD (11.75)

11 p.m. daily—Tokyo—Japanese program: JZJ (11.80)

12 mid, daily—Rome—Special program: 2RO3 (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

ISTORIC and picturesque Lis-bon, 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 sta-"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 an-nouncements 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 accordto 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 transmission is heard irregularly in North America, being best on Sun-days from approximately 1:45 to 2:45 p.m. CST); over CSW7 (9.74), weekdays from 1:15 to 2 p.m. CST, rected 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 centenary 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 pre-sented 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 bandlisten for the soft-toned clock which may be heard chiming the hour at 6 and 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 in-cluded in the North American broadcast

EUROPE'S LONG-RANGE RADIO GUNS: Gustave Magnuson of Providence, R Island, informs me that "Radio EIRE," 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 megs. Reports should be sent to the Engineer-in-Chief, Dept. of Posts and Telegraphs, The Castle, Dublin, Ireland . . . Variation of the control of the graphs, 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. ZRO11 (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 the day and evening. This short-wave band is which includes the frequencies from 7.00 to 7.30 megs. 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 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

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. SHORT-WAVE FLASHES: Broadcasts over

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 cur-rent events: DXB (9.61)

Saturday, March 30

For programs broadcast daily see Daily Programs (Col. 1) 10:30 a.m.—Paris—Talk by tennis champ. Rene Coche: Paris Mondial (11.845, 15.13)

Coche: Paris do.

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

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	BBF, Bweden	11 /05	EROS.	2.01
	SBU. "	9.535	2R011. "	7.22
	RNE RV96, 6.03. SBP Sweden SBU. TAP Turkey	9.465	2RO15. "	11.70
	NACES SECTIONS	-	XECR Mexico XEWW. XGOX China XGOY. YUE Jugoslavis YUG 2RO3 Italy 2RO4. 2RO6. 2RO9. 2RO15.	
	SUSTANCE TO SERVICE	-		

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

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

Sunday, March 31

Sunday, March 31

For programs broadcast daily ass Daily Programs (Cot. 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: 2RO4 (11.81)

2RO6 (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, 2RO4 (11.81)

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

8:10 p.m.—Rome—English talk on current happenings in Rome: 2RO4 (11.81)

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

Monday, April 1

7:30 a.m.—L on don—"This Freedom?": GSV (17.81)
7 p.m.—London—Talk "The Empire at War": GSD (11.75)

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 (9.51)

Tuesday, April 2

Pos programs proadcast daily see Daily Programs (Cot. 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

Per programs broadcast daily see Daily Programs (Det. 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 2RO4
(11.81)
9:15 p.m.—G u a t e m a l a—Latin Opera—TGWA
(9.585)

Thursday, April 4

For programs broadcast daily see Daily Programs (Col. 1)
7 p.m.—L on do n.—Talk "Background to the News": GSD (11.75)
7:20 p.m.—Paris—"Chats with Our Listeners":

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 (6.19)
11 p.m.—Paris—Interviews with Lamous people:
Paris Mondial (9.52)

Friday, April 5

For programs broadcast duly see Daily Programs (Cot. 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)

Daily	Morni	ng	
EST	CITY	STATION	DIAL
6:15 a.m.	Rome	2R06	15.30
0113 411111	Troine	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
8:15 a.m.	Berlin	DJB	15.20
0.00		DXT	15.23
9:00 a.m. 10:40 a.m.	Berlin	D10	15.28 15.30
11:00 a.m.	Rome London	2R06 GSV	17.81
11:30 a.m.	Paris	TPB	15.13
11.50 a.iii.	Fairs	TPC8	11.845
Daily	Afterno		
1:00 p.m.	London	GSI	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. 4:45p.m.	Rome	2R03	9.63
5:30 p.m.	London Moscow	GSD. RAN	9.69
3.50 p.m.			7.07
Daily	Eveni	-	
6:00 p.m.	Berlin	DJB	15.20
6.50		DJD	11.77
6:50 p.m. 7:30 p.m.	Budapest London	HAT5 GSD	9.625
8:00 p.m.	Moscow	RAN	9.60
С.00 р.п.	WIOSCOW	RKI	7.52 7.24
8:00 p.m.	Berlin	DXJ	7.24
8:00 p.m.	Stockholm	SBP	11.705
		SBT	15.155
8:03 p.m.	Paris	TPC	9.52
0.15		TPB7	11.885
8:15 p.m.	Berlin	DJD	9.61
8:40 p.m.	Madrid	EAO	9.86
9:40 p.m.	London	GSC	9.58
2.10 p.m.	London	GSD	11.75
10:00 p.m.	Rome	2R04	11.81
		2R011	7.22
10:30 p.m.	Berlin	DXB	9.61
11 00	1	DID	11.77
11:00 p.m.	London	GSC	9.58
11:30 p.m.	Paris	GSD TPC	11.75 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
All and the second		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.

City Program Station

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, folkmusic 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: DJ1 (7.29)

5 p.m.—Berlin—Propaganda talk in English: DJI (7.29)

(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.—P a n a m a—News (English): HP5A (11.70)

6:35 p.m.—Budapest—Variety program from Hungary for North American listeners: HATS

Special for Pacific Coast

Special for Pacific Codst

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 shortwave 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 bal-conies, 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 transmitterthe most powerful in South Amerand 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 goodwill program consisting of classical music, old-time hymns, simple gosple messages, the reading of letters fro mlisteners 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, Den-mark, 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 . . . 2RO20 (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 re-cently 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: 2RO4 (11.81) 2RO11 (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 cur-rent events: DXB (9.61)

Saturday, April 20

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

Important Stations

(Magaavalag av		ds of kilocycles shown)
CJRO, Canada CR7BE, Mozam-	6.15	
bique	9.645	TGWA, Guatemala 9.685, 15.17
CSW7, Portugal		TG2 Guatamala 6 195
DJB. Germany	15.20	TPA4 Paris 11.718
DJD, "	11.77	TPB7. " 11.885
CSW7. Portugal DJB, Germany DJD, " DJL, " DXB, " EAQ, Spain GRX, England GSB, "	15.11	TG2, Guatemala 6.195 TPA4, Paris 11.718 TPB7, " 11.885 TPC8, " 11.845 TPB, France 15.13 TPC, " 9.52
DXB, "	9.61	TPB, France 15.13
EAQ, Spain	9.86	TPC, " 9.52
GRX, England	9.69	
GSB, "	9.51	VLR. '' 9.58 VLW3, '' 9.645
uso,	9.58	VLW3, " 9.645
GSD, " GSF, "	11.75 15.14	WCAB, Philadelphia,
GSG, "	17.79	Pa. 6.06, 9.59, 15.27 WCBX. New York City
GSH, "	21.47	91 57 15 97 11 82
GSI. "	15.26	21.57, 15.27, 11.83 9.65, 6.17, 6.12
GSJ, "	21.58	WDJM, Miami, Fla. 6.04
GSO. "	15.18	WGEA. Schenectady.
GSP. "	15.31	N. Y. 21.50, 15.33, 9.55 WGEO, Schenectady,
GSV, "	17.81	WGEO, Schenectady.
HAT5. Hungary	9.625	N. Y. 9.53
HBL, Switzerland	9.34	WLWO, Cincinnati.
HCJB, Ecuador HP5A, Panama	12.46	Unio 6.06
HP5G.	11.70	WNBI, New York City
HVI Voticen City	9.66	6.100, 17.78 WPIT, Pittsburgh, Pa.
HVJ, Vatican City JZJ, Japan JZK	11.80	21.54, 15.21, 11.87, 6.14
JZK.	15.16	WRCA, N. Y. City 9.67
KGEI, San Francis	co.	WRUL-WRUW.
Calif. 9.53	15.33	Boston, Mass.
KHE, Hawaii	17.97	15.25, 15.13, 11.79.
MTCY, Manchukuo	11.78	11.73 6.04
OIE, Finland ORK, Belgium OZF, Denmark OZH, "	15.19	XECR. Mexico 7.38 XEWW. " 9.50
ORK, Belgium	10.33	XEWW. " 9.50 XGOX, China 15.19 XGOY. " 9.64
OZH, Denmark	9.52	XGOX, China 15.19
PCJ, Holland 9.59	15.32	
RAN II SS D	0.00	YUE, Jugoslavia 11.785
RKI.	7 59	9PO2 Italy 0.62
RAN. U.S.S.R. RKI, RNE, RV96, '' 6.03	12.00	2RO4 " 11 81
RV96. " 6.03	. 15.18	2R06. " 15.30
	11.705	2RC9. " 9.67
SBT, "		2RO11, " 7.22
TAP, Turkey	9.465	YUE, Jugoslavia 11,735 YUG, "15,24 2R03, Italy 9,63 2R04, "11,81 12,06, "15,30 2R°9, "9,67 2R011, "7,22 2R015, "11,76
	-	

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

GSD (11.75)

9:15 p.m.—Rome—English talk, "Roman Landmarks": 2RO4 (11.81) 2RO11 (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

8:30 a.m.—London—"Dispatch from the Front": GSV (17.81)
10:45 a.m.—News (English): HP5G (11.78)
5:10 p.m.—London on—"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: 2RO4 (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 8:45 p.m.—Berlin—English talks on current war topics: DJD (11.77) DXB (9.61)
9:50 p.m.—Rome—2RO's Mail Bag: 2RO4 (11.81)

Tuesday, April 23

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

(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.—I andop—"Matters of Moment": GSD

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

Thursday, April 25

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

8 p.m.—L o n d o n.—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.

(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)

But Sel 8	opean r	iews iii	Fudusi	1.0
Daily	М	orning		
EDT	EST	CITY	STATION	DIAL
7:15 a.m.	6:15 a.m.	Rome	2R06 2R08	15.30 17.82
7:30 a.m.	6:30 a.m.	London	GSG	17.79 15.20
7:45 a.m.	6:45 a.m.	Berlin	DJB	
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	DJE	15.20 15.11
10:00 a.m.	9:00 a.m.	Berlin	DIO	15.28
11:40 a.m.	10:40 a.m.	Rome	2R06	15.30
Daily		ernoon		
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. 2:15 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 2R06	11.81 15.30
4:50 p.m.	3:50 p.m.	London	GSD	11.75
7.50 p.m.	2.50 p.iii.	Lundon	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
		22	GSP	15.31
Daily		ening		0.70
6:30 p.m.	5:30 p.m.	Moscow	RAN	9.69
7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20 11.77
7:50 p.m.	6:50 p.m.	Budapest	DJD 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	DX1	7.24
9:00 p.m.	8:00 p.m.	Stock'm	SBP	11.705
0.03	0.02	D- of	SBT	15.155 9.52
9:03 p.m.	8:03 p.m.	Paris	TPC TPB7	11.885
9:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
> 112 p.iii.	orio piiii	Bermin	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
11:30 p.m.	10:30 p.m.	Berlin	2R011 DJD	7.22
11.50 р.ш.	10.30 р.ш.	Delliii	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. 2:35 a.m.	1:15 a.m. 1:35 a.m.	London	GSD 2R03	11.75 9.63
4:00 a.m.	3:00 a.m.	Rome Moscow	RV96	15.18
1.00 0.111.	Jivo aiii.	MOSCOM	11 7 7 9	12,110

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)

(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 based on the second of the seco

DJB (15.20)

12:30 p.m.—Paris—North American broadcast including talk, "Life in Paris": (11.845, 15.13)

1:30 p.m.—Lo n do n—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) 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: 2RO6 (15.3) 2RO4 (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

6 p.m.—Berlin—Propaganda talk in English: DJI (7.29)

(7.29)

(7.29)

6:55 p.m.—Rio de Janeiro—Variety program from Brazil; PRF5 (11.855) PSH (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: 2RO3 (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

HE 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 re-ception 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 shortwave 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 19meter band . . YUG (15.24), the summer frequency of the Belgrade (Jugoslavia) 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 identi-

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, broad-cast 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 Satur-days 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 COCSD (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), JLTZ (9.645), JLG3 (11.705), JZJ (11.80), JVZZ (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 Hun-gary for North American listeners: HAT5 (9.625)

(9.525)
8 p.m.—Panama City—Geo. Williams' English "Radio Newspaper": HP5G (11.78)
8 p.m.—Muscow—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: PAO (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 Isteners in North America: SBT (15.155)
SBP (11.705)
9:15 p.m.—Rome—"American Hour" for listeners in North America: 2RO4 (11.81) 2RO11 (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 surrout

10 p.m.—Berlin—English talk concerning current topics: DXB (9.61) DJD (11.77)

Important Stations

(Megacycles or thous	ands of kilocycles shown)
	5 TAQ, Turkey 15.19
CR7BE, Mozam-	TGWA, Guatemala
bique 9.64	
CSW7, Portugal 9.73	9.889, 19.14 TG2, Guatemala 6.19 TPA4, Paris 11.71 TPPR, 11.84 TPER, 11.84 TPE
DJB. Germany 15.2	O TPA4 Paris 11.718
DJD, " 11.7	7 TPR7 1 11.88
DJB, Germany 15.2 DJD, "11.7 DJL, "15.1 DXB, 9.6 EAQ, Spain 9.8	1 TPC8 " 11.84
DXB, " 9.6	1 TPB France 15.13
EAQ. Spain 9.8	6 TPC. " 9.59
GRX, England 9.6	9 VLQ5, Australia 9.68
	1 VLR. " 9.58
	8 VLW3. '' 9.645
GSD. " 11.7	5 WCAB, Philadelphia,
GSF. ** 15.1	4 Pa. 6.06, 9.59, 15.27
GSG ** 17.7	9 WCBX, New York City
GSH, " 21.4 GSI " 16.2	7 21.57, 15.27, 11.88
GSI, " 15.2	6 9.65, 6.17, 6.18
GSJ, " 21.5 GSO. " 15.1	8 WDJM, Miami, Fla. 6.04
GSO, " 15.1	8 WGEA, Schenectady,
GSP, " 15.8	1 N. Y. 21.50, 15.33, 9.55
GSV " 17.8	1 WGFO Schangetady
HAT5, Hungary 9.62 HBL, Switzerland 9.3 HCJB, Ecuador 12.4	1 WGEO, Schenectady, 5 N. Y. 9.53
HBL, Switzerland 9.3	4 WLWO, Cincinnati,
HCJB, Ecuador 12.4	6 Ohio 6.06
mron, ranama 11.	U W.N.BI. New York Ulty
HP5G. " 11.7	8 6.100, 17.78
HVJ, Vatican City 9.6	6 WPIT, Pittsburgh, Pa.
JZJ, Japan 11.8 JZK 15.1	
KGEI, San Francisco,	wRUL-WRUW,
Calif. 9.53, 15.3 KHE, Hawaii 17.9	Boston, Mass.
MITCU Man 17.9	7 15.25, 15.13, 11.79
MTCY, Manchukuo 11.7	8 11.73, 6.04 9 XECR, Mexico 7.38
OIE, Finland 15.1 ORK, Belgium 10.3 OZF, Denmark 9.5 OZH, "15.3	9 XECR, Mexico 7.38 3 XEWW, 9.50
OZF Donmark 0.5	3 XEWW, '' 9.50
OZH '' 15 0	2 XGOX, China 15.19 2 XGOY, '' 9.64
PCJ. Holland 9.59, 15.2	2 XGOY. " 9.64 2 YUG, Jugoslavia 15.24 0 2RO3, Italy 9.63
RAN HASP	0 00 00 14 14 0 0 00
RKT 13 75	2 2RO4, " 11.81
RNE " 12.0	0 2RO6. " 15.30
RV96. " 603 151	8 2RC9. " 9.67
SBP Sweden 11 70	5 2R011. " 7.22
SBT. " 15 15	5 2RO15, " 11.76
RAN. U.S.S.R. 9.6 RKI. '7.5 RNE. '12.0 RV96, '16.03, 15.1 SEP. Sweden 11.70 SEPT. '15.15 TAP. Turkey 9.46	5
1 0/10	

Saturday, April 27

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)
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

For programs broadcast daily see Daily Programs (Col. 1) 9:30 a.m.—London—"Dispatch from the Front": GSV (17.81)

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

5 p.m.—Rome—English talk about current happenings in Rome; 2RO4 (11.81)

Monday, April 29

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
topies: DJD (11.77) DXB (9.61)
11 p.m.—London—"Garrison Theater": GSD
(11.75)

Tuesday, April 30

Tuesday, April 30

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

(9.61) 12:30 a.m.—London—"Matters of Moment": GSD (11.75) GSC (9.58)

Thursday, May 2

For programs broadcast daily see Daily Programs (Col. 1) 9:30 a.m.—London—"Life in France Today": GSV (17.81)

(17.81)

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

9 p.m.—L on d on —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)

Euro	pean N	ews in	English	1		
Daily	Mo	rning				
EST	CST	CITY	STATION	DIAL		
5:15 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	DIB	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		
9:00 a.m.	9.00	Walter	DJL	15.11 15.28		
10:40 a.m	8:00 a.m. 9:40 a.m.	Berlin Rome	DJQ 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		
	Carrier annual	1 300	TPC8	11.845		
Daily		ernoon				
1:00 p.m.	12:00 noon		GSI	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		
2.30	1 30	4.15	2R06	15.30		
2:30 p.m.	1:30 p.m.		TPA4	15.24 11.75		
3:50 p.m.	2:50 p.m.	London	GSD	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		
A ties beans	2.12 Pilli	Poliner	GSP	15.31		
Dalley		ening	177.7	DECEMBER.		
Dally			10000	-		
6:00 p.m.	5:00 p.m.	Berlin	DJB	15.20		
7.20	r 20	A-Distriction of the last	DID	11.77		
7:30 p.m. 8:00 p.m.	6:30 p.m.	London	GSD RV96	11.75		
8:00 p.m.	7:00 p.m. 7:00 p.m.	Moscow	DXJ	7.24		
8:00 p.m.	7:00 p.m.	Stock m	SBP	11.705		
0.00 p.m.	r.oo p.m.	STOCK III	SBT	15.155		
8:03 p.m.	7:03 p.m.	Paris	TPC	9.52		
The state of the s	Total Politics	· miles	TPB7	11.885		
8:15 p.m.	7:15 p.m.	Berlin	DID	11.77		
The state of the s	TO SEE MANNEY		DJB	15.20		
9:45 pm.	8:45 p.m.	London	GSC	9.58		
****		100000000000000000000000000000000000000	GSD	11.75		
10:00 p.m.	9:00 p.m.	Rome	2R04	11.81		
10:30 p.m.	9:30 p.m.	Dielle	2R011	7.22 9.61		
10:50 p.m.	> 150 p.m.	DELIII	DYB	11.77		
11:00 p.m.	10:00 p.m.	London	GSC	9.58		
server prints	turou pim.	Political	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	Prograi	ms, Sa	t., May	4,		
through Fri., May 10						
The programs	listed here	ore these by	HART BESTRUH			
The programs listed here are those brandcast daily at the						

Program

7:30 a.m.—Tokyo—News (English): JZK (15.16) 7:30 a.m.—Szechwan, China—News (English): XGOY (11.90)

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 muslic and propaganda
talks in English, for N. America: DJB (15:2)
11:30 a.m.—Paris—North American broodcast, including talk, "Life in Paris": (11:842, 15:13)
2:50 p.m.—Prague—Lord Haw Haw propaganda
talk in English: DXB (10:04)
3 p.m.—Program of anti-Nazi attion "Deutscher
Freiheitsender" (10:77)
3 p.m.—Rome—Evening concert with English
announcements: 2RO6 (15:3) 2RO4 (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: DJI
(7:29)

4:15 p.m. talk (English): DXB

5 p.m.—Berlin—Propaganda talk in English: Day

(7.29)

5:55 p.m.—Rio de Janeuro—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.—Barlin—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 nuisie 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 p.m.—Stockholm—Program Irom Sweden for listeners in North America: SBT (15.155)
 SBP (11.705)
 8:15 p.m.—Rome—"American Hour" for listeners in North America: 2RO4 (11.81) 2RO11 (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) D4D (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"

POWERFUL new Cuban sta-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 announce-ments 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 COCSD—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 operating in which is a little lower coupled with its loud signals and coupled with its announcements. coupled with its loud signals amouncements, frequent English amnouncements, readily identify the station.

COK (11.57) 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 informatio: 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 States listeners are independents which 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 re-gardless of the outcome of the impending presidential elections.

REBROADCASTING OF NON-PROFIT IN-TERNATIONAL PROGRAMS AUTHORIZED: The Federal Communications Commission has amended its rules and regulations to permit 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 noncommercial basis.

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

cast 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 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. 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 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.

Saturday, May 4

For arograms breadcast daily see Daily Programs (Col. 1)
4:15 p.m.—Lima—"Peruvian Salute to North
America": OAN4R (15.15)
4:45 p.m.—Loudon—Talk, "London Log": GSD
(11.75)
7:15 p.m.—Loudon—"Dispatch from the Front":
GSD (11.75)
8 p.m.—Havana—Serial, "The Life of Colonel
Batista": COK (11.57)
8:15 p.m.—Rome—English talk: 2RO4 (11.81)
8:30 p.m.—Berlin—Cabatet with Charlie, Fritz
and Fred: DXB (9.61)

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

Sunday, May 5

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

Important Stations

(Megacycles or thous	ands of kilocycles shown)
CJRO, Canada 6,1	5 TAQ, Turkey 15,195
COK. Cuba 11.5	7 TGWA Guatemala
CR7BE, Mozam-	9.685, 15.17
bique 9.7	1 TG2 Guatemala 6,195
CSW7, Portugal 9.73	5 TPA4, Paris 11.718
DJB, Germany 15.2	0 TFB7, 11,885
DJ D. 11.7	1 TPUS, 11.840
Dol. 15,1	1 TEB, France 10.13
PAO Sueite DS	S UTOS Ametralia 9 68
GRY Fueland 9.6	1 TG2. Guatemala 6.195 5 TPA4, Paris 11.718 6 TPE7. 11.885 7 TPC8, " 11.885 1 TPE, France 15.13 1 TPC. " 9.52 6 VLQ5, Australia 9.68 8 VLR. 9.58 1 VLW3. " 9.58 8 WGAB, Philadelphia, Paris 8.68 8 WGAB, Philadelphia, Paris 8.68 8 Paris 8.68 9.50 15.27
GSB 7. 9.5	1 VI.W3 " 9.645
GSC. ** 9.5	8 WCAB, Philadelphia.
GSD. " 11.7	5 Pa. 8.06, 9.59, 15.27
GSE, " 15.1	4 WCBX, New York City 9 21.57, 15.27, 11.83, 7 9.65, 6.17, 6.12
GSG. ** 17.7	9 21.57, 15.27, 11.83,
GSH, " 21.4	7 9.65, 6.17, 6.12
GSI, " 15.2	6 WDJM, Miami, Fla. 6.04
GSJ, " 21.5	8 WGEA, Schenectady,
GSP, '' 15.8	1 N.Y. 21.50, 15.33, 9.55
GSV. 17.8	1 WGEO, Schenectady,
malo nungary 9.62	5 N. X. 9,03
CRYBE, Mosambique USW7, Portugal DJB, Germany DJL, DJL. DJL. DJL. DJL. DJL. Service Se	1 WGEO, Schenectady, 5 N. Y. 9.53 WLWO, Cincinnati. 6 Ohio 6.06
HIGH Colombia 9.6	WNBI New York City
HPSA Panama 11 4	0 6.100, 17.78
WPAG " 117	8 WPIT, Pittsburgh, Pa.
HVI Vatican City 9.6	8 21.54, 15.21, 11.87, 6.14
JZJ. Janan 11.8	0 WRCA, N. Y. City 9.67
JZK. 0 15.1	6 WRUL-WRUW.
KGEL San Francisco,	Besten, Mass. 3 15.25, 15.13, 11.79, 7 11.73, 6.04
Calif. 9.53, 15.3 KHE, Hawaii 17.9	3 15.25, 15.13, 11.79,
KHE, Hawaii 17.9	7 11,73, 6.04
MTCY, Manchukue 11.7	8 XECR Mexico 7.38
OIE, Finland 15.1	9 XEWW. " 9.50
ORK. Belgium 10.3	3 XGOX, China 15.19
OZF, Denmark 9.5	2 XGOY, 9.64
DOT THE PART OF STREET	W YUG Yugoslavia 10 23
PAN HOERE P. 10.2	2 ZRUS. Italy 9.03
PAR 11 18.0	0 28.06 18.20
RV96 " 8.09 16 1	8 2RO9 11 9.67
SEP Sweden 11.70	16 2ROIL ** 7.22
SBT 15.15	3 15.25, 15.13, 11.79, 173, 6.04 8 XECR Mexico 7, 38 9 XEWW 9, 50 3 XGOX China 15.19 2 XGOY, 9, 6.63 12 2EO3, Italy 9, 6.3 2 2EO4, 11.81 6 2EO6, 15.30 6 2EO6, 9, 9, 6.7 15 2EO15, 9, 7.22 5 2EO15, 176
TAP. Turkey 9.46	b .

11:40 a.m.—Paris—Marion Dix interviews famous
Parisians (English): Paris Mondial (15:13)
3:30 p.m.—Rome—Advance program notices and
Lastener's Corner, in English: 2R04 (11:81)
2R05 (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—Peneram of folk and popular music; news and political talks. Hill (14.535)

8:45 p.m.—Berlin—Enellah talks on current war topics: DJD (11.77) DXB (9.51)

(14.535)

8:45 g.m.—Berlin—English talks on current war topics: DJD (11.77) DNB (9.61)

Tuesday, May 7

For programs broadcast carry see Gaity Programs (Cot. 1) 8:30 a.m.—London—Talk. "Useds on the Table": GSV (17.8) 10 s.m.—London—Talk. "In England Now": GSV (17.8)

(17.81)
5:45 p.m.—Londou—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.—Lundon—Serial. "Vanity Fair": GSD (11.75)

(11.75)
8:45 p.m.—Holland—Mosic, English talks and hu-mor for American listeners, PCJ (9.59)
10 p.m.—London—Talk, "Under Nazi Bule": GSD (11.75), GSC (9.58)

Wednesday, May 8

For programs broadcast daily see Daily Programs (Cot. 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. Kilts—English war talk: ZIZ (6.384)
8 p.m.—Holland—Happy Program for North
American listeners: PCJ (9.59)
9:30 p.m.—Berlin—Cabaret with Charlie: DXB
(9.51)

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

Thursday, May 9

For programs broadcast daily one Daily Programs (Co). 1)
8:50 a.m.—London—"Life in France Today":
GSV (17.81)
8 p.m.—London—Talk, "Background to the
Nava": GSD (11.75)
10:45 p.m.—Landon—Talk, "Life in France Today": GSD (11.75) GSU (9.58)
11 p.m.—Guatemala—National Police Force Marimba Band: TGWA (9.685)

Friday, May 10

For programs broadcast daily see Daily Programs (Cat. 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—"Al the Black Dog": GSD (11.75) 11:30 p.m.—London—"World Affairs," Wickham Steed: GSD (11.75) GSC (9.58)

Water Street				
Daily		orning		
EDT	EST	CITY	STATION	DIAL
7:15 a.m.	6:15 a.m.	Rome	2R06	15.30
TO THE PROPERTY OF		(Marine	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	DIL	15.11
10:00 a.m.	9:00 a.m.	Berlin	DJO	15.28
11:40 a.m.	10:40 a.m.	Rome	2R06	15.30
17.70 8000	TO LTO MAINT	tening	Liter	1,000
Daily	444	ernoon		

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.	Landon	GSI	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
			ZR06	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
	100000		GSP	15.31
5:15 p.m.	4:15 p.m.	Rome	2R03	9.63
5:45 p.m.	4:45 p.m.	Landon	GSD	11.75
	Targette.		GSP	15.31
Daily	Ev	ening		
7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
. r. saw prints	0.00 p.m.	Dettill	DID	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
3 100 him	o soo panis	Stock III	SBT	15,155
9:15 p.m.	8:15 p.m.	Berlin	DJD	11.77
acres him.	ortz kini	Part IIII	DJB	15.20
9:30 p.m.	8:30 p.m.	Paris	TPC8	11,845
Service British	William William	2.0110	TPC	9,52
10:45 p.m.	9:45 p.m.	London	GSC	9.58
10.15 km	Seas Brille	Foundarie	GSD	11.75
11:00 p.m.	10:00 p.m.	Rome	2804	11.81
11.ou pilli	10,100 8,111.	Nome	2R08	17.82
11:30 p.m.	10:30 p.m.	Berlin	DID	11.77
Little Brillia	to so kimi		DXB	9.61
12:00 mid.	11:00 p.m.	London	GSC	9.58
TE OU IIIIO.	resso partic	Manage.	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
WIND WILLY	A road million	Addition.	21100	Janes.
	-	_		

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

The programs fisted 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)

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.—Morambique—Symphonie, popular, folk music, and news in English, from Portuguese East Africa: CR7BE (9.71)

3:45 p.m.—Rahat, Morocco—Arabie 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 Freiheitsender": (10.07)

4 p.m.—Rome—Evening concert with English announcements: 2RO6 (15.3) 2RO4 (11.81)

4:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.51)

5:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.61)

[9:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.61)

[9:16 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.61)

[9:17 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.61)

[9:18 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DXB (9.61)

[9:19 p.m.—Berlin—Propaganda talk in English: DJI (7.29)

[9:10 p.m.—Berlin—Propaganda talk in English: DJI (7.29)

[9:10 p.m.—Berlin—Propaganda talk in English: DJI (7.29)

[9:11 p.m.—Berlin—Propaganda talk in English program. "Echagalish Echaga". HCIB (12.46)

7 p.m. (ex. Mon.)—Quito, Ecuador—English program, "Ecuadorism Echoes"; HCJB (12.46)
105 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. — Martinique — News (English): (9.705) 7:35 p.m. — Budapest — Variety program from Hun-gary for North American listeners: HATS (9.625)

19.m. Prague—Czech (Nazi) program: OLR4A (1184)

p.m.—Panama City—George Williams' English "Radio Newspaper": HP5G (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: 2803 (9.63)

2:30 a.m. daily—Heinking—English program from Manchuquo; (3 a.m.) News: MTCV

II a.m. daily—Paris—Special broadcast: Paris Mundial (11.845, 15.24)

Mondiai (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

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 Ber-lin 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

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).

GSV (17.81); 2:35 to 7:00 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., 2RO3 (9.63), 2RO4 (11.81) and 2RO8

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

SZECHWAN (China): 10:30, 11:00 p.m. to 12:00 mid.,

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. HVL (9.66)

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) 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) . . ZRO8 (17.82), on the 16-meter band, has replaced ZRO6 (15.30), in the 19-meter band, in the "American Hour" from Paris Land 10:30 for 11.00 a.m. 11.00 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 Lamor 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

8 p.m.—Moscow—News, talks and music from Soviet Russia for listeners in North America; HV96 (15.18)
 8:30 p.m.—Havana—All-English program, including popular music and short talks; COK (11.57)

9 p.m.—Pariy—Talks, music, plays and news in English, for North America: (9.52, 11.345)
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: 2RO4 (11.81) 2RO8 (17.82)

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

11 p.m.—Little America—Experimental transmis-alous: KRTK (12:862 or 17:31) 11 p.m.—Tokyo—Variets program: JVH (14:60)

Saturday, May 11

For programs benedicast dairy see Baily Programs (Cet. 1) 5:45 p.m.—London—Talk, "London Log": GSD 0.16

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

Important Stations

(Megneycles or thousa)	ids of Kilocycles shown)
CIRO Canada 6.15	TAQ. Turkey 15.195 TGWA, Guatemala 9,685, 15.17
CON Cube 11.57	TGWA Guatemala
COR. CHIM	9.685 15.17
CRIBE, MOSABL	TOS Guntamala 6 195
Dique Days	PDAS PROPERTY IS OF
USW7 Portugat B. 705	TPAR FIRECO 10-01
DJE, Germany 10.20	TPA9, Paris II, 110
DJD, " 11.17	Trus, 11,595
DJL: 10.11	TPB, France 10.13
DXB, " 9.61	TPC, 9,52
EAQ. Spain 9.86	VLQ5, Australia 9.68
GRX, England 9.69	VLR. " 9.58
GSB. 9.51	TG2, Guatemala 6.195 TPA2, France 16.24 TPA4, Paris 11.718 TPO5, 11.845 TPB, France 15.13 TPC, 9.52 VLQ5, Australia 9.68 VLR, 9.58 VLW3, 9.685 WCAB, Philadelphia, P. 6.65 9.59 15.27
GSC. " 9.58	WCAB, Philadelphia,
GSD. " 11.75	Pa. 6.06, 9.59, 15.27
CRTBE, Mozambique DSW7, Portugal DJB, Germany DJD, DJD, DJD, DJD, DJL, DJL, Selication Selic	Pa. 6.06, 9.59, 15.27 WCBX, New York City
GSG. ** 17.79	21.57, 15.27, 11.83,
GSH # 21.47	9.65, 6.17, 6.12
GST # 15.26	WDJM, Miami, Fla. 6.04
CRY 11 01 58	WGEA, Schenectady,
COD II 15 91	N.Y. 21.50, 15.33, 9.55
000 11 17 61	WGFO Schangetade
TATE TRANSPORT DOS	WGEO, Schenoctady, N. Y. 9.53
HAT5, Hungary 9.625 HBJ. Switzerland 14.535	N. I. Sinclevell
HEJ. BWITZeriand 14,000	WLWO, Cincinnati, Ohio 6.06
HCJB, Equador 12.46	
	WNBI, New York City
HP5A, Panama 11,70	6.100, 17.78
HP50, " 11.78	WPIT, Pittsburgh, Pa.
HP5A, Panama 11,70 HP50, 11,78 HVJ, Vatican City 9.66	21.54, 15.21, 11.87, 6.14
JEJ, Japan 11.50	WALLEY REAL WILL WILL
JZK. 0 15.16	WRUL-WRUW,
KGEL San Francisco.	Boston, Mass.
Calif. 9.88 15.88	15.95, 15.13, 11.79,
KHE Hawaii 17.97	11.73, 6.04
HHE, Hawaii 17.97 MTCY, Manchukue 11.78	XECR. Mexico 7.38 XEWW, 9.50 XGOX, China 15.19 XGOY, 9.64 YUG, Yugoslavia 15.24 2RO3, Italy 9.63 2RO4, 11.81 2RO6, 18.30 2RO8, 17.82 2RO9, 9.961 2RO11, 7.22 2RO15, 11.76
OIE, Finland 15.19	XEWW. " 9,50
ORK Belgium 10.33	XGOX, China 15.19
OZF Banmark 9.52	XGOY. " 9.64
OZH " 15.32	VUG. Vuroslavia 15.24
PCT Walland 9.59 15.99	oros Italy 9.63
DAW IT C S D 9 80	9204 11 11.81
TATE 11 19 00	op.og " 15.30
Trend 11 0 00 15 10	9900 11 17.89
A 700. 0.00, 10.18	0000 11 9.63
SBF, Sweden 11.705	0D 011 11 7 00
BBT, 15:150	20011, 11 11 70
TAP, THIRDY 9.400	ERUID. 11-16

9 p.m.—Havana—Serial, "The Life of Colonel Batista": COK (11.57) 9:15 p.m.—Rome—English talk: 2RO4 (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: KRTK (12.862 or 17.31)

Sunday, May 12

Pas programs broadcast daily see Daily Programs (Cot. 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: 2RO4 (11.81) 2RO8
(17.82)
9:45 p.m.—Reglin—English talk: DXB (9.61)

9:45 p.m.—Berlin—English talk: DNB (9:61) 10:15 p.m.—Bone—English talk about current hap-penings in Rome: 2RO4 (11:81) 2RO8 (17:82)

Monday, May 13

For programs breadcast daily see Daily Programs (Cot. 1)
9:30 a.m.—London—Talk. "Under Nasi Rule":
GSV (17.81)
9 p.m.—London—Talk, "The Empire at War":
GSD (11.75)

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

Tuesday, May 14

For programs broadcast shifty for Daily Programs (Col. 1)
6:45 p.m.—London—Talk, "In England New";
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 Ruic"; GSD

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)

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

11 a.m.—Lendon—"Background to the News": GSV (17.81)

GSV (17.81)
9 p.m.—L. a n d a n—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

For programs irrestriant dulty see Duity Programs (Cot. 1) 11 a.m.—London—Talk, "In England Now": GSV (17.81)

(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, 11.845)
9:15 p.m.—London—"At the Black Dog": GSD
(11.75)
11 p.m.—Guatemala—Opera; TGWA (9.685)
12:30 a.m.—London—"World Affairs," Wickham
Steed: GSD 11.75)

Daily	Morning			
CST	CDT	CITY	STATION	DIAL
5:15 a.m.	6:15 a.m.	Rome	2R06 2R08	15.30 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	010	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. 10:30 a.m.	11:15 a.m.	Berlin	DJB	15.20
10:50 a.m.	11:30 a.m.	Paris	-TPAZ	15.24
Dally	Aft	ernoon	TPC8	11.042
12:00 noon	1:00 p.m.	London	GS1	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
Design Section	Trope Route	(dellie	2R06	15.30
1:30 p.m.	Z: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
= 122			GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
F. PK SS		-	DJD	11.77 9.625
5:50 p.m.	6:50 p.m.	Budapest	HAT5	9.625
Daily		ening		. 0.225
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
7:15 p.m.	8:15 p.m.	Berlin	DID	11.77
SUCCESSION OF STREET	San Paris		DJB	15.20
			DXJ	7.24
7:30 pm.	8:30 p.m.	Paris	TPC8	11.845
-			TPC	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
0.00	10.00	-	GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
9:30 p.m.	10-20	Berlin	2R06	15.30
x:20 b:ur	10:30 p.m.	Berlin	DXB	9.61
10:00 p.m.	11:00 p.m.	London	GSC	9.58
10.00 pattle	Trion billi	Lundon	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

programs listed here are those broadcast daily at the same time. Exceptions are indicated. City Program Station 6:45 a.m.—Paris—North American broadcast: TPA2 (15.24)

1PAZ (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 Marica

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: ZRO6 (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, "Ecua-

(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

7:30 p.m.—Szechwan, China—Music, and news in English for North American listeners: XGOX (15.19)

9 p.m.—Little America—Experimental transmis-sions: KRTK (12.862 and 17.31)

Saturday, May 18

+on programs broadcast daily see Daily Programs (Col. 1) 4:30 p.m.—Berlin—'U. S. and Germany'': 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: 2RO3 (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

"HAT short-wave radio has become a tremendously important factor in the war no one can 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 inter-national 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 prestime 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 transmis-sions, each directed to a specific country or continent where shortwave 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-

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 foreignlanguage 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 foreignlanguage 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.,

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).

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 shortwave 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 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

FAMOUS ARTISTS TO APPEAR ON NRC INTERNATIONAL PROGRAMS: One of the most famous coloratura sopranos. Margarita Salvi, who has been warmly praised by the 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 11, 32, 30 p.m. CST. 21, at 12:30 p.m. CST.

4:45 p.m.—London—Talk. "London Log" GSD (11.75)
6:30 p.m.—Havana—Presidential election returns for Cuba COK (11.57)
7:15 p.m.—London—"Dispatch from the Front" GSD (11.75)
7:40 p.m.—Rome—Selections from operas: ZRO4 (11.81) ZRO6 (15.30)
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)

9:15 p.m.—London—"In Town tonight (11.75) 9:45 p.m.—London—Talk, "London Log": GSD (11.75)

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

Sunday, May 19

For programs broadcast daily see Daily Programs (Cot. 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

ı	(Megacycles or t	housan	ds of kilocycles show	wni
ı	CJRO, Canada	6.15	TGWA, Guatemala	
ı	COK, Cuba	11.57		15.17
ı	CR7BE, Mozam-		TG2, Guatemala TFA2, France TPA4, Paris TPC5, TRANCE TPC6, TY VLQ5, Australia VLR, TY VLW3, T	6.195
ı	himma	9.71	TPA2, France	15.24
ı		9.735	TPA4, Paris	1.718
ı	DJB, Germany	9.735	TPC8.	1.845
	DJD, "	11.77	TPB France	15.13
	DJL, "	15,11	TPC,	9.52
ı	DXB, "	9.61	VLQ5, Australia	9.68
	EAQ, Spain	9.86	VLR,	9.58
	GRX, England	9,69	VLW3, "	9.645
	GSB. "	9,51	WCAB, Philadelphia	
	GSC, "	9.58	Pa. 6.06, 9.59.	15,27
	CSW7, Portugal DJB, Germany DJD. " DJL. " DXB, " EAQ, Spain GRX, England GSB. " GSC. " GSD. " GSF. "	11.75	Pa. 6.06, 9.59, WCBX, New York C	Aty
	GSF, "	15,14	21.57, 15.27.	11.83.
	GSG, "GSH, "GSI, "GSI, "GSI, "	17.79	9.65, 6.17 WDJM, Miami, Fla.	6.12
	GSH, "	21,47	WDJM, Miami, Fla.	6.04
	GSI, "	10.26	WGEA, Schenectady	
	GSF, "GSH, "GSI, "GSP, "GSP, "GSV, "	21.58	N.Y. 21.50, 15.33 WGEO, Schenectady N. Y.	9.00
	GSP. "	17.81	WGEU, Schenectadi	0 60
	TAME TOWN	14.01	N. Y.	3.00
	HAT5. Hungary HBJ. Switzerland	0.020	WLWO, Cincinnati.	6.08
	HCIR Founday	19 48	WNBI, New York C	
ı	HOJB, Ecuador HJCT, Colombia HP5A, Panama HP5G,	D 62	6.100.	17 78
	HP5A Panama	11.70	WPIT Pittehurch	Pa
ı	HP5G	11.78	WPIT, Pittsburgh, 21.54, 15.21, 11,87	6.14
ı	Piva. Varioan City	58 2525	WRCA, N. Y. City	9.67
ı	JLS2, Japan JZJ, JZK,	17.845	WRUL-WRUW.	9.50
ı	JZJ,	11.80	Boston, Mass.	
ı	JZK, "	15.16	15.25, 15.13,	11.79
١	KGEI, San Francisc	0.	11 79	6.04
ı				
1	KHE, Hawaii	17.97	XECK, Mexico XEWW, " XGOX, China XGOY, " YUG, Yugoslavia 2RO3 Italy	9,50
ı	MTCY, Manchukuo	11.78	XGOX, China	15.19
	OIE, Finland	15,19	XGOY. "	9.64
ı	PCJ, Holland 9.59.	15.22		15.24
ı	RAN, U.S.S.R.	9.60	2R03, Italy	9,63
ı	HNE,	12.00	2R04.	11.81
ı	RV96, 6.03,	15.18	2RO6,	15.30
ı	SBP, Sweden	11.705	2HO8.	17.82
ı	SBT,	15.155	2RO9.	9.67
ı	TAP, Turkey	9,465	2R03. Italy 2R04. " 2R06. " 2R08. " 2R09. " 2R011. " 2R011. "	7.22
ı	RAN. U.S.S.R. RNE, RV96, 6.03, SBP, Sweden SBT, 7 TAP, Turkey	10.195	5K019.	TT-10

7:40 p.m.—Rome—Opera, "Fedora": 2RO4 (11.81) 2RO6 (15.30) 7:45 p.m.—Berlin—English talk: DXB (9.61) 8:15 p.m.—Rome—English talk about current hap-penings in Rome: 2RO4 (11.81) 2RO6 (15.3)

Monday, May 20

7:30 a.m.,—London—Talk, "Under Nazi Rule":
GSV (17.81)
5:30 p.m.—London—Talk, "Under Nazi Rule":
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: 2RO4 (11.81)

8:50 p.m.—Rome—ZRO's Mail Mag: 2RO4 (11.81) ZRO6 (15.30)

Tuesday, May 21

Tuesday, May 21

For programs broadcast daily see Daily Programs (Cot. 2)

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): HATS (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 (Coi. 1) 4:45 p.m.—London—Talk, "Matters of Moment": GSD (11.75)

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

Por programs broadcast daily see Oally Programs (Coi. 1)
7:30 a.m.—London—"Life in France Today":
GSV (17.8)
7 p.m.—London—Talk, "Background to the
News": GSD (11.75)
7:30 p.m.—Vatican City—Catholic news for listen
ers 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 (Cot. 1) 7:30 a.m.—London—"World Affairs," Wickham Steed: GSV (17.81) 9 a.m.—London—Talk, "In England Now": GSV (17.81)

(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": 2RO4 (11.81) 2RO6 (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: WGEO (9.53) KRTK (12.862)

Daily Morning				
CST	CDT		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	TPAZ	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 TPC8	15.24
Daily	Afte	ernoon	11.00	11.013
12:00 moon	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
, man printe	wind built	Home	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
	200000000000000000000000000000000000000		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
5:50 p.m.	6:50 p.m.	Budapes	t HATS	9.625
	THE RESERVE		HAIS	9.023
Daily		ening		*34/EE
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
7.15	0.15	Davita	SBT	15.155
7:15 p.m.	8:15 p.m.	Berlin	DIB	15.20
			DXJ	7.24
7:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
7 .50 p.m.	0.50 p.m.	5 0113	TPC	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
manife Pentite	The second second		GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
	24 100 200 200 200		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
	** **	2 12	GSD	11.75
10:45 p.m.	11:45 p.m.	Paris	TPC	9.52
11:00 p.m.	12:00 mid. 1:15 a.m.	Berlin	DXB	9.61
12:15 a.m. 12:35 a.m.	1:15 a.m. 1:35 a.m.	London	GSD 2R03	9.63
12:33 a.m.	1 100 a.m.	Rome	21103	3.03

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

ograms 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, in-

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: DJ1 (7.29)

5 p.m.—Quito, Ecuador—English program, "Ecuadorian Echoes": HCJB (12.46)

5:30 p.m.—Martinique—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) RKI (15.04)

7 p.m.—Paris—Talks, music, plays and news in English, for North America: SBT (15.155) SBP (11.705)

7:15 p.m.—Rome—"American Hour" 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: 2RO3 (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 broad-casting activities in these countries and indicate just what your chances are of picking up transmissions di-

rect 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 megs. The aim was to eventually replace this experimental station with a powerful in-ternational transmitter which would relay the programs of the longwave 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 coun-Meanwhile, ORY (11.72), a new 40,000-watt government shortwave station, had just been completed and was to have been put into operation about the time hostilities started in Belgium.

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 megs is the same as that occupied by CJRX, Winnipeg,

At Huizen, Holland, on the south-ern shores of the Zuider Zee, in Allies 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 immedi-

ate 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 Hol-land is in doubt. The Allies on the other hand have added only shortwave transmitter TFJ (12.235), in Iceland. Capture of enemy shortwave 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 counterpropaganda 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 megs. 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 megs.

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

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

9 a.m.—London—Variety show, "In Town To-night": GSV (1781) 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): 2RO4 (11.81) 2RO6 (15.30)

Important Stations

(Megacycles or	thousan	ds of kilocycles she	swn)
CJRX Canada	11.72	TGWA, Guatemala	
CJRX, Canada CSW7, Portugal	9.735		
DJR. Garmany	15.20	TG2. Guatemala	6.195
DJD "	11.77	TPA9 France	15.94
DJD, " DJL, " DXB, "		TPA4 Paris	11.718
DYR "	0.61	TPCS 11	11 845
DJL. " DXB." EAQ. Spain GRX, England GRX, England GSB. " GSC. " GSF. " GSF. " GSF. " GSJ. " GSJ. " GSJ. " GSP. " GSV. " HAT5. Hungary	9.86	TG2, Guatemala TFA2, France TFA4, Paris TFC8, " TFC8, " TFB, France TFC, " VLQ5, Australia VLR, " VLW3, " WCAB, Philadelph Pe, 6.06, 9.59	15 19
GPY Frederic	0.60	TPC II	0.50
CCD "	9.51	WTOS Australia	0.00
000,	0.50	TT D HIBLIALIE	0.50
Gen "	11.75	VIJIL.	0.00
COP II	15.14	THOAD DEGLARION	9,020
GSE.	10.14	WUAB, Philadelph	IR.
GSG,	14.49	ER. 0.00, 9.98	10.41
GSH,	21.47	Pa. 6.06, 9.59 WCBX, New York 21.57, 15.27,	City
USI,	15.26	21.07, 10.27,	11,83,
GSJ.	21.58	9,65, 6.1	7, 6.12
GSP,	15.31	WDJM, Miami, Fla	1. 6.04
GSV, "	17.81	WGEA, Schenectad	
HAT5, Hungary	9.625	N.Y. 21.50, 15.3	3, 9,55
HBJ. Switzerland	14.535	N.Y. 21.50, 15.3 WGEO, Schenectad N. Y.	y
HCJB, Ecuador HJCT, Colombia	12,46	N. Y.	9.53
HJCT, Colombia	9,63	WLWO, Cincinnati	4 mm
HP5A, Panama	11.70	Ohio 9.5	9, 6,06
HP5G. '' HVJ, Vatican City	11.78	WNBI, New York	City
HVJ, Vatican City	11.74	6.100	. 17.78
JLS2, Japan JZJ. JZK, ''	17.845	WPIT, Pittsburgh,	Pa.
JZJ.	11.80	21.54, 15.21, 11.8	
JZK, "	15.16	WRCA, N. Y. City	9.67
KGEI, San Francis	co,	THE TITE STEED TEST	
Calif. 9.53 KHE, Hawaii KIO, "MTCY, Manchukuo	15.33	Boston, Mass.	
KHE, Hawaii	17.97	15.25, 15.13,	11.79
KIO, "	11.68	11.73	3 6 04
MTCY, Manchukuo	11.78	XECR, Mexico XEWW, "XGOX, China XGOY, "Y	7.38
OIE, Finland ORK, Belgium ORY.	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	2RO3, Italy	9.63
RNE, "	12.00	2RO4. "	11,81
RV96, " 6.03	. 15.18	2R06. "	15.30
SBP, Sweden	11,705	2R08. "	17.82
SBT. "	15.155	2R09. **	9.67
TAP, Turkey	9,465	2R011. "	7,22
TAQ, "	15,195	XGOX, China XGOY, " YUG, Yugoslavia 2R03, Italy 2R04, " 2R06, " 2R08, " 2R011, " 2R015, "	11.76
ATTENDED.	STREET,	Editor production	200
THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.	COLUMN TOWN	The Contract of the	

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": 2RO6 (15.30) 2RO4 (11.81)
7:45 p.m.—Berlin—English talk: DXB (9.61)
8:15 p.m.—Rome—English talk about current happenings in Rome: 2RO4 (11.81) 2RO6 (15.3)

Monday, May 27

For programs broadcast daily see Daily Programs (Col. 1) 5:30 p.m.—London—Talk, "The Empire at War": GSD (11.75)

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

Tuesday, May 28

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)

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

Wednesday, May 29

For programs broadcast daily see Daily Programs (Cot. 1)
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: HATS (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

Par programs broadcast daily see Daily Programs (Cot. 1)

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)

7:15 p.m.—1 (11.75)

7:30 p.m.—Rome—English talk, "Tons and Tons of Paper": 2R04 (11.81) 2R06 (15.30)

Daily Morning				
CST	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
7:00 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	Afte	ernoon		
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
12/21	100		DID	11.77
5:50 p.m.	6:50 p.m.	Budapes	t HATS	9.625
Daily	Ev	ening		
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	DID	11.77
			DJB	15.20
7:30 p.m.	8:30 p.m.	Paris	TPC8	11.845
2.45	200		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
0.20	10.70		2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
10.00-	11.00	A SERVICE	DID	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
10-45	11-45	Division.	GSD	11.75
10:45 p.m. 11:00 p.m.	11:45 p.m. 12:00 mid.	Paris Berlin	DXB	9.52
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	2R03	9.63
iz iou aim.	1 :50 a.m.	nome	Enus	7.03

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

	same time.	Exceptions are indica:	Ind.	
CST	City	Program	Sta	tion
		Variety program		North
Amor	cienn lictor	tore - 11/12 (15 11)		

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.—Perth, W. Australia—War news from Cluding talk, "Life in Paris": TPB8 (11.845)
11:50 p.m.—Berlin—English talk on war situation: DJL (15.11)
2:15 p.m.—Berlin—English talk on war situation: 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": HPSG (11.78)

gary for North American listeners: HATS (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 (15.2) DJD (11.77)

8 p.m.—Quito, Ecuador—"Friendship Hour" (English): HCJB (12.46)

Saturday, June 8

Saturday, June 8

For arograms broadcast daily see Daily Programs (Cot. 1)
4:30 p.m.—Berlin—"U. S. and Germany": DJB
(15.20) DJD (11.77)
4:45 p.m.—London—"London Log": GSD (11.75)
6:15 p.m.—B u d a p e s t — Hungarian-English news
letter: HATS (9.625)
7:15 p.m.—London—"Dispatch from the Front":
GSD (11.75)
7:40 p.m.—Rome—Opera, "L'Amico Fritz": 2RO4
(11.81) 2RO8 (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 (5.16)
12 mid. daily—Paris—Variety program for West Coast: TPC13 (9.52)
12 mid. daily—Rome—Program for Pacific regions: ZRO3 (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. Filis—South Sepa. 200

a.m. daily—Suva, Fijis—South Seas pro-gram 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"

ERMANY 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, 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 re-placed 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 broad-Those transmitters whose aerials 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 I 10:55 p.m. to 2:15 a.m NEWS at 12:15 and 2 a.m

100000 00 00000 0000		
South America and New		
Zealand	GSB	9.51
Australia	GSD	11.75
PARTICIPATION OF THE PARTICIPA	GSB	9.51
Near East	GSP	15.31
Oceania and West Africa	GS1	15.26

4:40 to 7:45 a.m. NEWS—at 5:30 and 7:15 a.m. Africa
Eastern Canada and North
America (from 6:00 a.m.) GSV 17.81
Far East
India, Malaya and Australia GSJ 21.53
GSG 17.79
GST 21.55 TRANSMISSION 3

FRANSMISSION 2

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

NEWS—at 12:00 noo
Africa and New Zealand
Africa (from 11:00 a.m.)
(from 12:30 p.m.)
East Africa and Near East
North America (from
12:45 p.m.)

TRANSMISSION 4 GSD 11.75 GSI 15.26 GSV 17.81

2:50 to 5:00 p.m. NEWS—at 2:50 and 3:45 p.m. Africa
Eastern Canada and North
America
South America
West Indies
TRANSMISSION 5 GSC 9.58

5:24 to 8:15 p.m. NEWS—at 6:30 p.m. Eastern Canada and North America

GSD 11.75 GSC 9.58 GSE 11.86 GSF 15.14 GSB 9.51 South America West Indies
TRANSMISSION 6

NEWS—at 8:45 and 10:00 p.m Rastern Canada and North America Western Canada

GSC 9.58 GSD 11.75 GSC 9.58 South America and West Indies

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.

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 shortwave centers are being concentrated along the Atlantic Coast, where they would be most

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 va-riety program, including international newscast, 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.

9:15 p.m.—Lendon—"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 Frant": GSV (17.81)

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 shows CJRX, Canada 11.72 TFA4, Paris 11.718 CSWT, Portugal 9.735 TFB8, France 11.845 DJB, Germany 15.20 TFC5, 15.24 DJL, 11.77 TFC13, 9.52 DJL, 15.11 VLQ5, Australis 9.68 DXB, 9.61 VLR, 9.68 GRX, England 9.89 WCAB, Philadelphia GSB, 9.51 Pa. 6.06, 9.59, 15.27 GSC 9.58 WCEX, New York City GSD 11.75 21.57, 15.27, 11.83 GSF 17.79 WDJM, Miami, Fia 6.04 GSH, 21.47 WGEA, Schenectady, GSJ, 21.58 WGEO, Schenectady, GSP, 15.31 N.Y. GSP, 17.81 WLWO Cincipant GSV 17.81 WLWO Cincipant					
(Megacycles or t	housan	ds of kilocycles sh	own).		
CJRX, Canada	11.72	TPAS, Paris	11.718		
CSW7, 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	VI.R.	9.58		
FAQ. Spain	9.88	VI.WS "	9.645		
GRX England	0.60	WCAR Philadalph	S.M.		
CAR !!	0.51	Pa 8 08 9 50	15.32		
nen u	0.64	WODY New York	City		
cen h	0.00	WUBA, New York	11 09		
USD.	11.70	21.07, 10.27,	11.00.		
GSF,	10,14	9.65, 6.1	7, 6,12		
GSG, "	17.79	WDJM, Minmi, Fli	5.94		
GSH. "	21.47	WGEA, Schenectar	ly.		
GSI, "	15.26	N.Y. 21.50, 15.3	3; 9:50		
GSJ. "	21.58	WGEO, Schenectad	у.		
GSP. "	15.31	N. Y.	9,53		
		WLWO, Cincinnat	1.		
HATS, Hungary HBJ, Switzerland	9.625	Ohio 9.5			
HBJ. Switzerland	4.535	WNBI, New York	City		
HCJB, Ecuador	19 46	6.100	. 17.78		
HICT Colombia	0.62	WPIT, Pittsburgh	Pa		
HJCT, Colombia HP5A, Panama HP5G.	11 70	21.54, 15.21, 11.8	7 6 10		
WDSC CHRIS	11 70	WRCA, N. Y. City	9.65		
TETT TO ALL TO A	11.12	WRUL-WRUW	10.00		
HVJ, Vatican City	LALIE				
JLS2, Japan JZJ JZK, "	11.890	Boston, Mass.	100 000		
dZJ	11.80	15.25, 15.13,	21.10		
JZK, "	15,16	11.7	3. 6.04		
KGEI, San Francisc		XECR, Mexico XEWW, "XGOX, China XGOY, "YOU AND A TO THE T	7,88		
Onlif. 9.53.	16.33	XEWW, "	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	2ROS, Italy	9.63		
SBT, Sweden	15.155	2RO4.	11.81		
TAP Turkey	9.465	2R06. **	15.30		
TAO	5.195	2RO8. **	17.82		
TGWA Guatemaia		28.09. **	9.67		
MTCY, Manchukuo EV96. ' 6.03 SBT, Sweden TAP, Turkey TAQ. '' TGWA, Guatemala 9.685.	16 17	9R011 "	7.99		
TOO Gustamals	6.195	9R015 "	11.76		
row othremura	dirag.	andio.	-		

happenings in Rome: 2RO8 (17.82) 2RO4 (11.81)

Monday, June 10

Monday, June 10

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

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.—B u d a p e s t—Hungarian folk-songs: HAT5 (9.625)

7:40 p.m.—Rome—Florentine songs: 2RO8 (17.82)

2RO4 (11.81)

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, June 11

Tuesday, June 11

For programs broadcast daily see Oaily Programs (Cot. 1.)

9 a.m.—L on d on —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 hap penings in Japan: JLS2 (17.845)

7:40 p.m.—Rome—EIAR Symphony Orchestra: 2RO4 (11.81) 2RO8 (17.82)

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 12

For programs broadcast daily see Daily Programs (Col. 4. 9 a.m.—London—"Matters of Moment": GSV (17.81)

(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.—Bu d a p e s t—Strauss Waltzes: HATS
(9.625)

5:50 p.m.—Budape (9.625) 7:40 p.m.—Rome—"Around Italy with Music" 2RO4 (11.81) 2RO8 (17.82) 8:30 p.m.—Berlin—Political cabaret with Charlie

8:30 p.m.—Berlin—Political cabaret with Charlie DJD (11.77) 9:15 p.m.—Guatemala—Radio Theater: TGW4 (9.685)

Thursday, June 13

For programs broadcast staily see Daily Programs (Cot.)
7:30 a.m.—London—"Life in France Today": GSV
(17.81)

(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 Land
marks": 2R08 (17.82) 2R04 (11.81)

Friday, June 14

Friday, June 14

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

7:30 a.m.—London—"World Affairs": GSV (17.81)
4:30 p.m.—Jamaica—News (English): ZQI (4.75)
5:10 p.m.—Lisbon—Variety show: CSW7 (9.74)
5:30 p.m.—Budapest—Hungarian Rhapsody by
Liszt: HAT5 (9.625)
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.—San Francisco—Electronic Conduction

9 p.m.—San Francisco—Electronic Orchestra KGEI (15.33)

	The second second			
Daily	Mo	rning		
CST	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
7:00 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	Afti	ernoon		
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
			DID	11.77
Daily	Ev	ening		
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	15.15
7:15 p.m.	8:15 p.m.	Berlin	DID	11.77
* **	0.20	#CONTO	DJB	15.20
7:30 p.m.	8:30 p.m.	Paris	TPC8 TPC13	9.52
8:45 p.m.	9:45 p.m.	London	GSC	9.58
0 :45 p.m.	7.75 p.m.	London	GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2RU4	11.81
3.00 p.m.	10.00 p.m.	reome	2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DXB	9.61
3 454 5	THE REPORT OF STREET		DJD	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
	The state of the s		GSD	11.75
10:45 p.m.	11:45 p.m.	Paris	TPC13	9.52
11:00 p.m.	12:00 mid.	Berlin	DID	11.77
** **	1.15.	transfer	DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD 2RO3	9.63
12:30 a.m.	1:30 a.m.	Rome	2R06	15.30
			LINUO	12:20

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

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

City Program Station CST

CST City Program Station

6 a.m.—Sydney, Australia—Broadcast for East
Coast North American listeners; (6:30 a.m.)
News (English): VLQS (9.68)

6:30 a.m.—Melbourne, Australia—Department of
Information program: VLR (9.58)

6:45 a.m.—P a r i s—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 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 an-

p. DJL (15.11)

2 p.m.—Rome—Evening concert with English announcements: 2RO6 (15.30) 2RO4 (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): 2RO6 (15.30) 2RO4 (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

America: DJB (15.20) DJD (11.77) DJZ (11.77)

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 Eucope: WCAB (6.06 or 9.59)

5:30 p.m.—Pan a m a—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: 2RO4 (11.81) 2RO8 (17.82)

Saturday, June 15

Saturday, June 15

For programs broadcast daily see Daily Programs (Cot. 1)
9 a.m.—London—"London Log": GSV (17.81)
4:45 p.m.—London—"London Log": GSV (17.81)
4:45 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 Masche-

GSD (11.75)
7:40 p.m.—Rome—Opera, "Un Ballo in Maschera": 2RO4 (11.81) 2RO3 (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

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 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 100,000watt transmitter is Allouis. Transmissions of the Pontoise station are identified with the call prefix TPA; those of the Essarts station 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 re-ceived in the United States with consistent regularity, while trans-missions directed to other continents are often audible, depending upon prevailing reception condi-tions. 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 shortwave programs.) Time is Central standard.

TRANSMISSION 1 TRANSMISSION 1
(Directed to Africa and the Mediterranean region)
12:00 mid.-3:00 a.m. TPB6
12:00 mid.-5:00 a.m. TPA3
9:00-9:30 a.m. TPA3
TPB8
TPC5
11:00 a.m.-3:15 p.m. TPA3
12:15-3:15 p.m. TPB8
TPC5 TRANSMISSION 2 (Directed to Far East) 4:30-8:45 a.m. 8:00-8:45 a.m. 9:45-10:15 a.m.

11:45-a.m.-12:00 noon TRANSMISSION 3 (Directed to South America) :45 p.m. TPA4 TPB8 TPC5

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.
TPCS 15.244
10:30-11:30 a.m.
TPB8 11.84
TPC5 15.24
7:00 p.m.-12:00 mid.
TPA4 11.72
TPB8 11.84
TPC13 9.52
TPC13 9.52
TPC13 9.52
TPA3 11.88

LATEST FROM EUROPE: The

Nazi mystery station which an-nounces 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 trans-missions 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) . transmitter in now Nazi territory, is being included in the Reich network for some of the

GENERAL NOTES: All outstanding prizefights 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 sponbetween Champion Joe Louis and Arturo Godoy of Chile on Thursday evening, June 20, is the first broadcast in this series . . . 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-

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 prodown 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 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.

broadcasts from Berlin.

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

Sunday, June 16

ograms 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 To
night": GSV (17.81)

9:45 a.m.—Panama City—News (English): HP5G

9:45 a.m.—Punama 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)

p.m.—Rome—English talk, "The Modern Italian Woman": 2RO4 (11.81) 2RO8 (17.82) 7:30 p.m.-

Monday, June 17

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

Important Stations

(Megacycles or CJRX, Canada CSW7, Portugal DJB, Germany DJD, DJL, "DJL, "DXB, "EAQ, Spain GRX, England GSB, "GSC, "GSB,	thousar	ids of kilocycles sho	WZL)
CJRX Canada	11.72	9.685, TG2, Guatemala TPA4, Paris TPB8, France TPC5, TPC15, VLQ5, Australia VLR, VLR, WCAR, Philadelph	15.17
CSW7 Portugal	9.735	TG2 Gustemals	6.195
DIR Garmany	15 90	TDAA Dowle	11 718
DID, Germany	11 77	MDDO Parks	11 845
Dall.	11.11	Tr.Do, France	11.020
DJL	10.11	TPUD.	10,29
DXB. "	9.61	TPC13,	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, Philadelph	8.
GSD. #	11.75	Pa. 6.06, 9.59 WCBX, New York	15.27
GSF. "	15.14	WCBX, New York	City.
GSG. "	17.79	21.57, 15.27,	11.83
GSH. "	91.47	9.65, 6.1	6.12
GST. "	15.98	WDJM, Miami, Fla	6.04
GST "	91 58	WGFA Schenectag	w.
GSP #	15 31	WGEA, Schenectae N.Y. 21.50, 15.33	9.55
GSV "	17.81	WGEO Schengetad	W.
HATA Hungary	0 605	N.Y. 21.50, 15.33 WGEO, Schenectad N. Y.	9.53
HATA Budenest	9 1 2 6	WLWO. Cincinnati	100000
HBJ, Switzerland	14 595	Ohio 9.55	6.06
HCIP Foundar	12.46	WNBI, New York	Ni free
HCJB, Ecuador	0.70	W.M.D., DEW 1078	17.78
HDSA DOIOMBIA	9.03	trorm Distabuseh	Da
HIPOA, PABAMA	11.70	OT SE 35 OT 13 OF	E 14
HITOUR,	11.78	21.04, 10.21, 11.0	0.41
HVJ. Vatican City	11.74	WRUA, N. I. City	2.01
Jaban Japan	17.845	WRUL-WRUW,	
DZD, Berlin	10.543	Boston, Mass.	** 70
JZJ,	11.80	15.25, 15.13.	11. (9,
JZK, "	15.16	11.73	6.09
KGEL San Francis	100,	XEWW, Mexico	9,50
Calif. 9.53.	15.33	XGOX, China	15,19
KHE, Hawaii	17.97	XGOY, "	9,64
KIO, "	11.68	YUG, Jugoslavia	15,24
MTCY, Manchukuc	11.78	2RO3, Italy	9.63
RV96, " 6.03	15.18	2R04, "	11.61
SBT, Sweden	15.155	2RO6. "	15.30
TAP, Turkey	9,465	2R08, "	17.82
TAQ.	15.195	2R09, "	9.67
TGWA, Guatemala		2R015. "	11.76
		WNBI, New York 6,100, WPIT, Pittsburgh, 21,54, 15,21, 11,8' WRCA, N. Y. City WRUL-WRUW, Boston, Mass. 15,25, 15,13, XEWW, Mexico XGOX, China XGOY, "YUG, Jugoslavis 2RO3, Italy 2RO4," 2RO6, "2RO8," 2RO9, "2RO9, "2RO15,"	
P40 19 1		122 22	Towns.
Vam _ ondon_	4.87 Th 4.00	Couring at Warts	(- V

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—2RO's Mail Bag: 2RO4 (11.81) 2RO6 (15.30)

Tuesday, June 18

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

9 a.m.—L on d on—Talk, "Background to the News": GSV (17.81)

News": GSV (17.81)

5 p.m. (Tues., Thurs., Sat.) — Quito, Ecuador—English travel talks about interesting spots in Ecuador: HCJB (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)

(9.63)
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

Wednesday, June 19

For programs broadcast daily see Daily Programs (Cot. 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:
2RO4 (11.81) 2RO8 (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.—B u d a p e st—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: 2RO4 (11.81) 2RO8 (17.82)
7:40 p.m.—Rome—Choruses of Grand Opera: 2RO4 (11.81) 2RO8 (17.82)
8 p.m.—New York City—Joe Louis vs. Arturo Godoy, championship light: WRCA (9.67)

Friday, June 21

For programs broadcast daily see Daily Programs (Cot. 1, 7:30 a.m.—London—"World Affairs": GSV (17.81) 5:35 p.m.—B u d a p e s t—Military songs: HATS (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.—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; KRTK (12.862) WGEO (9.53)

Daily	Mo	rning		
CST	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	Aft	ernoon		
12:00 noon	1:00 p.m.	London	GSI	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
Talogan	2.053		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
	- 40	***********	DID	11.77
5:30 p.m.	6:30 p.m.	London	GSP	15.31
Daily	Ev	ening		
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	DID	11.77
1 M 1 M M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	-	200000000	DJB	15.20
8:45 p.m.	9:45 p.m.	London	GSC	9.58
0.00	10.00	-	GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
9:30 p.m.	10:30 p.m.	Berlin	DXB	17.82
9:50 p.m.	10:30 p.m.	Deriin	DID	11.77
10:00 p.m.	11:00 p.m.	London	GSC	9.58
TO TO PAIN	11100 parts	London	GSD	11.75
11:00 p.m.	12:00 mid.	Berlin	DID	11.77
The second second	The same in the same	0.00	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.)—C in c in n a t i—War news:
WLWO (11.87)

7:15 a.m. (ex. Sat., Sun.)—War news: WCBX (17.83)

(17.83)

8 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 (Engish): 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 (15.2)

3:15 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)

(15.2)
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): 2RO8 (17.82) 2RO4 (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)

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 from Portugal for North American listeners: CSW7 (9.74)
5:35 p.m.—Budapest—Variety program from 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: RNOR (17.82) 2RO4 (11.81)
7:30 p.m.—British Honduras—Official Government Bulletin for British Honduras: ZIK2 (10.60)
8 p.m.—Quito, Ecuador—"Friendship Hour" (Engish): 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

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)

(9.125)
7 p.m.—Honolulu—"Hawaii Calls." Native music and songs from the isles. K10 (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

TALIAN 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 languagemill on earth.

Frequencies employed at present over Radio-Roma are: 2RO3 (9.63), 2RO4 (11.81), 2RO6 (15.30), 2RO8 (17.82), 2RO9 (9.67), 2RO14 (15.23) 2RO15 (11.76). Of these 2RO4 (11.81), 2RO6 (15.30) and 2RO8 (17.82) are the most consistently received in North America. 2RO6 is the best daytime frequency, 2RO4 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.

erence). Time is Central standard,

12:00 mid.-1:30 a.m. (News
in English at 12:30 a.m.)
Directed to Pacific regions

2RO3 2RO6

2RO4 2RO8

Africa (1:15-1:35 p.m. Africa) 1:00 a.m.-12:15 p.m. Directed to S. E. Europe 12:15-2:30 p.m. Directed to S. E. Europe 2:00-4:30 p.m. (News in English at 3:30 n.m.) 2RO14 2RO15

2RO4 2RO8

2RO4 2RO8

(News in English at 3:30 p.m.)

Evening program
(This transmission is well heard in N. A.)
5:00-6:55 p.m.
Directed to Latin America
5:30-6:40 p.m.
Directed to Western Europe
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.) 2RO4 2RO4 2RO8

Transmissions of Radio-Roma are easily identified by the twitteringbird 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 2RO4 (11.81) and 2RO8 (17.82) and evenings at 9:00 p.m. CST over 2RO4 (11.81) and 2RO3 (9.63). Topical talks concerning current events in Italy and Europe in general may be heard daily at 3:45 p.m. over 2RO4 (11.81) and 2RO8 (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

broadcasting station at Daventry, England; the League of Nations station in Switzerland; the Hungarian station at Budapest; the Jugo-Slav 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).

Sunday, June 30

For programs broadcast daily see Daily Programs (Cot. 1) 7:30 a.m.—London—"Dispatch from the Front": GSV (17.81)

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

Marimba Ensemble: TGWA (15:17) 3:30 p.m.—Honolulu—"Voice of Hawaii": KHE (17:97)

(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": 2RO8 (17.82) 2RO4 (11.81)
11 p.m.—London—Arabian Nightmares: GSD (11.75)

Important Stations

Megracycles or thousan CJRX Canada 11.72 CSW7 Portugal 9.735 DJB Germany 16.20 DJD 11.77 DJL 15.11 DXB 9.61 DZD 10.543 EAQ Spain 9.88 GRX England 9.89 GSB 9.51 GSG 11.75 GSF 15.14 GSG 21.58 GSF 15.26 GSF 15.26 GSF 15.31 GSV 17.81 HAT5 Hungary HBJ Switzerland HCJB Ecuador L2.46 HCJB Ecuador L2.46 CSW 12.48 L3.41 L4.42 L5.42 L5.43 L5.44 L5.44 L5.44 L5.44 L5.45 L5.46 L5.47 L5.47 L5.47 L5.47 L5.48 L5.48	ds of kilocycles shown)
CJRX. Canada 11.72	TG2, Guatemala 6,195 TPA4, France 11,718 TPB8. 11,718 TPC5. 15,24 TPC13. 9,52 VLQ5, Australia 9,68 VLW3, 9,58 VLW3, 9,58 VLW3, 9,58
CSW7. Portugal 9.735	TPA4. France 11.718
DJR Germany 15.20	TPR8 " 11.845
DJD. " 11.77	TPC5: " 15.24
DJT. " 15.11	TPC13 " 9 59
DXB # 9.61	VIOS Australia 9.68
DZD " 10.543	VI.R '' 9.58
EAQ Spain 9.86	VI.W3 " 9.845
GRY England 9 69	WCAB, Philadelphia,
GSR 3 9 51	Pa 6 06 0 50 15 97
GSC *** 9.58	Pa. 6.06, 9.59, 15.27 WCBX, New York City,
GSD " 11.75	21.57, 15.27, 11.83,
GSF " 15.14	9.65, 6.17, 6.12
GSG # 17 79	WDJM, Miami, Fla. 6.04
GSH " 01 47	WGEA, Schenectady,
GST # 15 96	N.Y. 21.50, 15.33, 9.55
GST # 01 50	N.Y. 21.50, 15.33, 9.55 WGEO, Schenectady, N.Y. 9.53
GSD ** 15.00	N V Octobered Cary
GSV " 17 91	WLWO, Cincinnati,
HATS Hungary 9 695	Ohio Chichmati,
WRI Switzerland 14 525	21.65, 11.87, 9.59, 6.06
HCIR Femador 19 46	WNBI, New York City
HCJB, Ecuador 12.46 HJCT, Colombia 9.63 HP5A, Panama 11.76	6.100, 17.78
HPAA Panama 11 70	WPIT, Pittsburgh, Pa.
	91 54 15 91 11 87 6 14
HVJ Vatican City 11 74	WRCA, N. Y. City 9.67
JTS2 Janen 17 845	WRUL-WRUW.
JZJ. 11.80	Boston, Mass.
HVJ. Vatican City 11.74 JLS2. Japan 17.845 JZJ. 11.80 JZK. 15.16	15.25, 15.13, 11.79,
RGEL San Francisco	11.73, 6.04
Calif. 9.53, 15.33 KHE, Hawaii 17.97 KIO. 11.68	XEWW. Mexico 9.50
KHE, Hawaii 17.97	XGOX, China 15.19
KIO. " 11.68	XGOY. " 9.64
	YUG. Jugoslavia 15.24
RV96, " 6,03, 15,18	2RO3, Italy 9,63
SBT, Sweden 15.155	2RO4. " 11.81
RV96. " 6.03, 15.18 SBT, Sweden 15.155 TAP, Turkey 9,465 TAQ. " 15.195	2RO6, " 15.30
TAQ. " 15.195	2RO8, " 17.82
TGWA, Guatemaia	2RO9, " 9.67
9.685, 15.17	XEWW, Mexico 9.50 XGOX, China 15.19 XGOY, 9.64 YUG, Jugoslavia 15.24 2RO3, 1taly 2RO6, 11.81 2RO6, 11.82 2RO9, 9.67 2RO15, 11.76

Monday, July 1

9 a.m.—London—"The Empire at War": GSV (17.81)

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

Tuesday, July 2

For programs Proadcast daily see Daily Programs (Col. 4)
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": GSV (11.75)
5:35 p.m.—Budapest—Choir of Workmen: HAT4 (9.125)
7:40 p.m.—Rome—EIAR Symphony Orchestra:
2RO4 (11.81) 2RO8 (17.82)
8 p.m.—Bogota—National Band of Bogota: HJCT (9.63)
9:30 p.m.—Cincinnati—General Disque, war news

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 (Co. 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)

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

Por programs broadcast daily see Daily Programs (Cot. 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

(11.72)
5:35 p.m.—Budapest—Homeros Choir: HAT9
(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

Friday, July 5

For programs broadcast daily see Daily Programs (Co. 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.—R o m e—Request selections: ZRO8 (17.82) 2RO4 (11.81) 9 p.m.—Guatemala—Opera: TGWA (9.685)

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	ZR08	17.82
Daily		ernoon		
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.	Bordeau)		15.24
2:00 p.m.	1:00 p.m.	London	GSI	15.26
3:15 p.m.	2:15 p.m.	Rome	2R06	15.30
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	2R08	17.82
and the same	100000		2R04	11.81
5:45 p.m.	4:45 p.m.	London	GSP	15.31
Daily	Ev	ening		
7:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
			DID	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
			DID	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	SBT	15.15
9:15 p.m.	8:15 p.m.	Berlin	DID	11.77
			DIB	15.20
9:30 p.m.	8:30 p.m.	Bordeau;		9.52
10:45 p.m.	9:45 p.m.	London	GSC	9.58
** **		120	GSD	11.75
11:00 p.m.	10:00 p.m.	Rome	2R04	11.81
22.20	10.20	-	2R08	17.82
11:30 p.m.	10:30 p.m.	Berlin	DID	11.77
			DJL	15.11
12.00 14	11.00	· · · · · ·	DXB	9.61
12:00 mid.	11:00 p.m.	London	GSC	9.58
12:45 a.m.	11:45 p.m.	Dandarus	GSD	11.75 9.52
1:00 a.m.	11:45 p.m. 12:00 mid.	Bordeau: Berlin	DID	11.77
1:00 a.m.	12:00 mid.	permi	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
2.30 a.m.	1.30 4.111.	Home	2R06	15.30
	Pale		LILOU	13.30

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

The programs listed here are those broadcast di-same time. Exceptions are indicated. 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)

(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 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: 2RO8 (17.82) 2RO4 (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):
2RO8 (17.82) 2RO4 (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

7:30 p.m.—P a n a m a—News (English): HP5A (11.70)

7:35 p.m.—Budapest—Variety program from Hun-gary for North American listeners: HAT4 (9:125)

(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: 2R08 (17.82) 2R04 (11.81) 9:25 p.m.—Bordeaux, France—News (English):

(9.52)
 10 p.m.—Quito, Ecnador—"Friendship Hour" (English): HCJB (12.46)
 10 p.m.—Belgrade—Program for Jugoslav 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 de-feated by the Nazis, the French Republic greatly reduced in size, and drastic regulations imposed on the French col-onies, 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 shortwave 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 exis-tence 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 masIn 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), 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 shortwave 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 Wednes-days from 7:30 to 8:00 p.m. EDT on a frequency of 9.705 megs.

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, 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, mak-ing scientific investigations, gathering specimens for museums and looking for a lost Inca city, can occasionally be heard over the shortwave amateur transmitter of the expediton, OA7A, a 25-watt rig, operating on 14.564 megs.

6:45 p.m.—London—"London Log": GSD (11.75)

7:35 p.m. Budapest—Hungarian overture: HAT4 (9.125) 9:15 p.m.—London—"Dispatch from the Front": GSD (11.75)

GSD (11.75)
9:30 p.m.—Rome—English talk, "The Bibbiena Exhibition in Florence": 2RO8 (17.82) 2RO4 (11.81)
9:40 p.m.—Rome—Opera selections: 2RO8 (17.82) 2RO4 (11.81)
11 p.m.—Bogota—Dance music: HJCT (9.63)
11:15 p.m.—London—"In Town Tonight": GSD (11.75)

Sunday, July 7

9:15 a.m.—San Francisco—Frisco after dark: KGEI (9:53) 11:45 a.m.—P a n a m a —News (English): HP5G (11.78)

(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)

Important Stations

	ids of kilocycles shown)
CJRX, Canada 11.72	TGWA, Guatemala
CSW7 Portugal 9.735	9,685, 15,17
DIR Garmany 15 90	TPC5 France 15.94
DID " 11.77	TPC5, France 15.24 TPC13, " 9.52
TIT U TETT	WIOS Australia 0.00
DF10 11 0.21	TTD # 0.00
DAB, 3.01	VLQ5, Australia 9.68 VLR, 9.58 VLW3, 9.645
DZD, 10.043	WAWS, STATE STATE
EAM, Spain 9.86	WCAB, Philadelphia
GEA, England 9,09	Pa, 6.06, 9.59, 15.27
GSB, 9.51	WCBX, New York City.
GSC, " 9,58	21.57, 15.27, 11.83,
GSD, " 11.75	9.65 6.17, 6.12
GSF. " 15.14	WDJM, Miami, Fla. 6.04
GSG, " 17.79	WGEA, Schenectady,
GSH. " 21.47	N.Y. 21.50, 15.33, 9.55
GSI, " 15,26	WGEO, Schenectady, N. Y. 9.53
GSJ, " 21.58	N. Y. 9.53
GSP. " 15.31	WLWO, Cincinnati,
CREX Canada 11.72 CSW7. Portugal 9.735 DJE, Germany 15.20 DJE, Germany 11.77 DJL 11.77 DJE 15.11 DXB 9.61 EAQ. Spain 9.56 GRX. England 9.59 GSB 11.75 GSC 11.75 GSC 11.77 GSL 11.75 GSL 11.75 GST 11	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	21.54, 15.21, 11.87, 6.14
HP5G. " 11.78	WRCA, N. Y. City 9.67
HVJ, Vatican City 11.74	WRUL-WRUW.
JLS2, Japan 17,845	Boston, Mass.
JZJ. 11.80	15.25, 15.13, 11.79,
JLS2, Japan 17.845 JZJ, 11.80 JZK, 15.16	
KGEL San Francisco.	VEWW Mexico 9.50
Calif. 9.53, 15.33	XGOX China 15.19
KHE Hawaii 17.97	XGOY " 9.64
KHE, Hawaii 17.97 KIO. " 11.68	VIIG Inpostagia 15.24
MTCY, Manchukuo 11.78	SBUS THUE SES
RV96, '' 6.03, 15.18	2RO4. " 11.81
CDM Canadam 15 155	XEWW. Mexico 9.50 XGOX. China 15.19 YGOX. China 15.19 YUG. Jugoslavia 15.24 2RO3. Italy 9.63 2RO4. "11.81 2RO6. "15.30 2RO8. "17.82 2RO9. "9.67 2RO15. "17.82 2RO9. "9.67 2RO15. "11.76
SBT. Sweden 15.155 TAP. Turkey 9.465 TAQ. 15.195 TG2, Guatemala 6.195	2ROS, " 17.82
TAC TIMES 9,400	apos H 9 ST
TAG. C. 10.195	2R05. 3.01
TUZ, Guatemala 6,195	ZEO10, 11.10

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": 2RO8 (17.82) 2RO4 (11.81)

Monday, July 8

For programs broadcast daily see Bally 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. Sas.) — Page City Bud.

HAT4 (9.125)

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

9:40 p.m.—Rome—Venetian songs: 2R08 (17.82)

2R04 (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

Tuesday, July 9

For programs broadcast daily see Daily Programs (Cot. 1)
11 a.m.—L o n d o n—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. Kaltenborn, 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 Orchestra2RO4 (11.81) 2RO8 (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)

GSD (11.75)
9:40 p.m.—Rome—Neapolitan songs: 2R08 (17.82)
2R04 (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

ms broadcast daily see Daily Programs (Col. 1) 11 a.m .- London-"Background to the News"

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: 2RO8
(17.82) 2RO4 (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)

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.—R o m e—Request selections: 2RO8 (17.82) 2RO4 (11.81)
11 p.m.—Guatemala—Opera: TGWA (9.685)

Daily	Mo	orning		
CST	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	Aft	ernoon		
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
	- Alexander	1	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	Ev	ening		
6:15 p.m.	7:15 p.m.	Berlin	DJL	15.11
arra bitte	r vis billi	W.L.M.	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	15.15
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
252	Village		DXB	9.61
10:00 p.m.	11:00 p.m.	London	GSC	9.58
11.00	17.00	4 00	GSD	11.75
11:00 p.m.	12:00 mid.	Berlin	DJD	11.77
12.15	1000	THE DISCOURT	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 c 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)

-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: 2RO8 (17.82) 2RO4 (11.81)

2:15 p.m. (ex. 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)

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);
ZROS (17.82) 2RO4 (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

5:30 p.m.—P a n a m a—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: RV9G (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 (Cot. 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 n.m.—Rome—Orects selections: 70.08 (17.22)

7:40 p.m.—Rome—Opera selections: ZROS (11.81) 2RO4 (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

HE pronouncement by Foreign Minister Hachiro Arita that Ja-pan 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. Be-cause 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

Just five years ago overseas broadcasts were introduced by the Japanese Broadcasting Corporation. In its early stages, the overseasbroadcast 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 JZJ 11.80
(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 To-kyo, given at the opening and close of each transmission, is the first nine notes of the opening bars of Japanese national anthem, "Kimigayo."

IN EUROPE: The temporary French transmitter at Bordeaux is now off the air, as pre-dicted 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 govern-ment now being transmitted on short-wave frequencies . . . The French transmitter "Ra-dio Maroc," at Rabat, Morocco, is still on the dio 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 FG8AH (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. 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.

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 broad-casts 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 handsomely 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 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 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.

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.—P a n a m a—News (English): HP5G
(11.78)

2:30 p.m.—G u a t e m a l a—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.—R o m e—English talk about current events in Italy: 2RO8 (17.82) 2RO4 (11.81)
7:40 p.m.—Rome—Opera, "Le Nozze di Haura": 2RO8 (17.82) 2RO4 (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

		or a principle when a	KAAJ
CJRX, Canada CSW7, Portugal	11.72	TG2, Guatemala	6.195
CSW7, Portugal	9,735	TGWA Gustamala	
DJB, Germany DJD.	15.20	9,685,	15.17
DJD, "	11.77	VLQ5. Australia	9.68
DJL, "	15.11	VLQ5, Australia VLR.	9.58
DXB. "	9.61	VLR. "VLW3,	9.645
DJB. Germany DJD. " DJD. " DJD. " DJD. " DZD. " DZD. " EAQ. Spain GRX. England GSB. " GSC. " GSD. " GSG. " GSF. " GSF. " GSF. " GSF. " GSJ. "	10.543	WCAB, Philadelphi	2
EAQ. Spain	9.86	Pa. 6.06, 9.59,	
GRX, England	9.69	WCBX, New York	City
GSB.	9.51	21.57, 15.27,	11 83
GSC. "	9.58	9.65 6.17	6.12
GSD. "	11.75	WDJM, Miami, Fla.	6.04
GSF. "	15.14	WGEA, Schenectad	W. W. W. W.
GSG "	17.79	N.Y. 21.50, 15.33	9.55
GSH "	91.47	WGEO Schangetad	12 10 1 10 10
GST "	15 96	WGEO, Schenectad.	0 62
GST "	01 58	WLWO, Cincinnati.	0,00
GSP "	15 91	Ohio	
GSV "	17 91	21.65, 11.87, 9.59	a na
HATS Hungary	0 605	WNBI, New York	10,00
HRI Switzerland	14 595	WMBI, New Tork	17.78
HCJB, Ecuador	12.46	WPIT, Pittsburgh.	D.,
HJCT, Colombia		21.54, 15.21, 11.87	
	11.70		
HP5G.	11.78	WRCA, N. Y. City	0.01
HUT Washers City	11.18	WRUL-WRUW,	
HVJ, Vatican City	17.74	Boston, Mass.	11 70
JLOZ, Japan	17.090	15.25, 15.13,	LA. IS
JLS2, Japan JZJ, JZK,	11.80	11.70	6.04
WOUT C. B	15,16	XEWW, Mexico XGOX, China XGOY, "	3,00
KGEI, San Francis	co.	XGOX, China	10.13
Calif. 9.53 KHE, Hawaii KIO,	15.33	XGOX.	3.02
RHE, Hawaii	17.97	YUG. Jugoslavia	10.29
KIO,	11.68	2RO3, Italy	9.63
MICY, Manchukuo	11.78	RRU4,	11.81
EV96, " 6.03	15.18	2K06,	15.30
SBT, Sweden	15.155	2KO8.	17.82
TAP, Turkey	9.465	2RO9.	3.67
MTCY, Manchukuo RV96, "6,03 SBT, Sweden TAP, Turkey TAQ, "	15,195	2R03, Italy 2R04, " 2R06, " 2R08. " 2R09. " 2R015, "	11,76
4.4			

Monday, July 15

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.—Berlim—Letter to Harry: DJL (15.11)
DJD (11.77)
7:45 p.m.—Switzerland—Program of folk and

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: 2RO4 (11.81)
2RO8 (17.82)

Fuesday, 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—EIAR Symples

Haw: DJL (15.11)
7:40 p.m.—Rome—EIAR Symphony Orchestra:
2RO8 (17.82) 2RO4 (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 (Cot. 1)

9 a.m.—L. on don—"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)

7:45 p.m.—London—News from Scotland: Go. (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": ZRO8 (17.82) ZRO4 (11.81)

7:40 p.m.—Rome—Operatic selections: 2RO8 (17.82) ZRO4 (11.81)

8:30 p.m.—Berlin—Self-made Men: DJL (15.11)

(17.82) ZRO4 (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

Friday, July 19
For programs broadcast daily see Daily Programs (Cot. 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 p.m.—Gua (9.685)

9:45 p.m .- London-"World Affairs": GSD (11.75)

Daily	Mo	orning		
CST	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
7:00 a.m.	8:00 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		ernoon		
12:00 noon	1:00 p.m.	London	GS1	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	2804	11.81
Same Ballion	Table Patrice	Monie	2R08	17.82
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJB	15.20
2.00 pani.	0.00 p.m.	Det iiii	DID	11.77
5:30 p.m.	6:30 p.m.	London	GSD	11.75
		ening	dan	100000
Daily			DJD	11.77
6:15 p.m.	7:15 p.m.	Berlin	DIL	15.11
7 00	0.00	November.		11.75
7:00 p.m.	8:00 p.m.	London	GSD	15.18
7:00 p.m.	8:00 p.m.	Moscow	RV96	15.159
7:00 p.m.	8:00 p.m.	Stock'm	SBT	
7:15 p.m.	8:15 p.m.	Berlin	DJB	15.20
0.20	0.20		DID	11.77
8:30 p.m.	9:30 p.m.	London	GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
12122	*****	-	ZR08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DID	11.77
			DJL	15.11
	01/02/3/10		DXB	9.61
11:00 p.m.	12:00 mid.	Berlin	DID	11.77
CONTRACTOR	4 0-		DXB	9.61
12:15 a.m.	1:15 a.m.	London	GSD	11.75
12:30 a.m.	1:30 a.m.	Rome	£9.6	2803
			2R06	15.30

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

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

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

CST City Program Station
5:30 p.m.—Berlin—Variety program for North American listeners: DJL (15.11)
6 a.m.—Sydney, Australia—Broadcast for East Coast North American listeners; (6:30 a.m.) News (English): VLQ5 (9:68)
8 a.m. (ex. Sat., Sun.)—New York City—International variety program, "The World Listens": WCBX (17.83)
9:30 a.m.—Sydney, Australia—Broadcast for Pacific Coast listeners; (10 a.m.) News (English): VLQ5 (9:68)
11:45 a.m.—Guatemala—Popular marimba music for North American listeners: TGWA (15.17)
12 noon—New York City—Italian hour; (1 p.m.) German hour; (2 p.m.) French hour: WNBI (17.78)
1:15 p.m.—Berlin—English talk on war situation:

(17.78)

1:15 p.m.—Berlin—English talk on war situation:
DJL (15.11) DJB (15.20)

2 p.m.—Rome—Evening concert, with English announcements: ZROS (17.82) ZROS (11.81)

2:15 p.m. (ex. Sun.)—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)
DJL (15.11)

2:30 & 5:15 p.m. (ex. Sat., Sun.)—Christian Science Monitor World News: WRUL (15.25, 11.79)

3:15 p.m.—Berlin—Propagand

11.79)
3:15 p.m.—Berlin—Propaganda talk in English:
DJB (15.20) DJL (15.11)
3:30 p.m.—Rome—Listener's Corner (English):
2RO8 (17.82) 2RO4 (11.81)

2ROS (17.82) 2RO4 (11.81)
3:50 p.m.—Berlin—Evening program for North
America: DJL (15.11) DJZ (11.797)
4 p.m.—Prague—Variety program from Bohemia:
OLR4A (11.84)
4:15 p.m.—Berlin—English news bulletins and
reading of list of British prisoners: DZD
(10.543)

reading of 18st of British prisoners; D2D (10.543)
4:45 p.m. (ex. Sat., Sun.)—Lowell Thomas, news: WLWO (15.27) WGEO (9.53)
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.—London—Britain Speaks: GSD (11.75)
7 p.m.—Stockholm—Program from Sweden for listeners in North America: SBT (15.155)
7:30 p.m.—New York (ity—Lewisohn Stadium Concert: WCBX (11.83)
7:45 p.m.—Berlin—Topical talk (English); DJL (15.11) DJD (11.77)
8 p.m.—Quito, Ecuador—"Friendship Hour" (English): HCJB (12.46)

(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)

11 p.m.—Tunis—Variety program and news flashes: Radio Tunis (15:65)

11:03 p.m.—Tokyo—News (English): JZK (15:16)

12 mid.—Rome—Program for Pacific regions: 2RO6 (15:30) 2RO3 (9:63)

Saturday, July 27

For programs broadcast daily see Daily Programs (Cot. 1)
6:45 a.m.—London—London Log: GSV (17,81)
10 a.m.—San Francisco—Missionary Mail Bag:
KGEI (9.53)
3 p.m.—Boston—Vesper Service from St. Mark's
Lutheran Church: WRUL (15,25)
5:30 p.m.—Martinique—Program of native creole
music: Radio Martinique (9.705)
6 p.m.—London—London Log: GSD (11.75)
6:30 p.m.—Budapest—Hungarian English news letter: HAT4 (9.125)
8:30 p.m.—Berlin—Dance tunes and political cabaret with Charlie: DJL (15,11) DJD (11.77)

Sunday, July 28

7:15 a.m.—San Francisco—Frisco after dark: KGEI (9.53)

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

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. In line with this present emergency, practically all short-wave programs from London have taken on a serious and topical aspect. Gone are the frivolous variety shows, the numerous sporting commentaries, the comic dialogs of yesterday. Replacing them are an almost continuous round of news bulletins in twenty-two different languages, interspersed with talks dealing with every aspect of the critical situation. Some of these talks are linked in with the news bulletins; for example, the length of the news bulletins, which now start 7:00 a.m. in transmission 2 and at 3:45 p.m. CST in transmission 4, has been extended from thirty to forty-five minutes in order that topical talks such as "The Empire at War," "Cards on the Table," and "Background to the News" may immediately follow the reading of the news. The new daily broadcast "Britain

Speaks" is being broadcast daily at 6:30 p.m. CST over GSD (11.75). A "Radio News Reel" is an innovation in the service for the North American continent. The previous news bulletins in these transmissions have been replaced by a fifteen-minute news summary at 5:30 p.m., a news commentary of the same length at 7:00 p.m., and the "news reel," broadcast between 8:30 and 9:00 p.m. CST. To provide an informative but informal background to the news of the day is the aim of the new feature, which is planned to appeal to the tastes of the North American listener. Serving officers and men, eye-witnesses of striking events, visitors to Britain with a topical story to tell are the types of contributor whom listeners hear, and illustrations are provided by actuality records made by the

RITICAL observers believe the 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: "Industrial Britain" (alternating with "A Farmer's Diary") on Sundays at 8:45 a.m. over GSV (17.81) and at 7:45 p.m. over GSD (11.75); "To Talk of Many Things" on Mondays at 9:00 a.m. over GSV (17.81) and at 9:30 p.m. over GSD (11.75); "Matters of Moment" on Wednesdays at 7:30 a.m. over GSV (17.81) and at 5:30 p.m. over GSD (11.75); "English Newsletter for Canada" on Thursdays at 6:00 p.m. over GSD (11.75); "This Land of Ours" on Fridays at 9:00 a.m. over GSV (17.81) and at 7:45 p.m. over GSD (11.75); "World Affairs" on Fridays at 7:30 a.m. over GSV (17.81) and at 5:30 p.m. over GSD (11.75), and "London Log" on Saturdays at 6:45 a.m. over GSV (17.81) and at 6:00 p.m. CST over GSD (11.75).

Advance notice of outstanding broadcasts during each week will be given under the title of "The Week's Programs" on Saturdays at 7:15 and 9:00 p.m. over GSD (11.75) and on Sundays at 5:00 and 8:30 a.m. over GSV (17.81), at 1:00 p.m. over GSV (17.81) and at 4:25 p.m. CST over GSD (11.75).

When the invasion actually gets under way, all programs from London will probably be set up on an hour-to-hour basis, latest news bulletins being given as soon as they come in. Capture of the great Empire transmitting center at Daventry will be one of the first goals of the invading army, but it is unlikely that it will be a target for bombing raids, as this would render the delicate and valuable equipment useless for subsequent use by the Hitler troops should the raids prove successful. There is always the possibility that the British Broadcasting Corporation would give the word to destroy the shortwave center rather than allow it to become another Nazi mouthpiece.

GENERAL NOTES: Nazi broadcasts are now being made regularly on a frequency of 15.24 megs, accompanied by the following announcemegs, accompanied by the following announce-ment in German, French or occasionally En-glish: "This is the French short-wave sta-tion." Presumably these transmissions are being made over the 100,000-watt transmitter being made over the 100,000-watt transmitter of the former French government at Allouis, near Paris . . . DXB (9.61), Berlin, now carries the North American transmission nightly from 5:15 p.m. to 12:00 mid. CST . . . The English news bulletin read over DZD (10.543), Berlin, daily at 4:15 p.m. CST ends with the reading of a list of names of British

soldiers that have been captured by the Germans . . . SUX (7.865), Cairo, Egypt, broad-casts daily from 11:30 a.m. to 2:30 p.m. CST in Arabic. The station announcement is
"Hoona Kahira" (Here is Cairo) . . . For
some unknown reason the English mailbag
which was formerly read over TAP (9.465) of which was formerly read over TAP (9.405) of Ankara, Turkey, from 1:45 to 2:30 p.m. CST has been discontinued . . . The League of Nations station, HBJ (14.535) at Prangins, Switzerland, is still broadcasting special programs for North America on Mondays and Wednesdays from 7:45 to 9:10 p.m.

8:30 a.m.—London—Advance program notices: GSV (17.81) 8:45 a.m.—London—"Industrial Britain": GSV

GSV (17.5)
8:45 a.m.—London—"Industrial British (17.81)
11:45 a.m.—Guatemala—Request program by the Marimba Ensemble: TGWA (15.17)
1 p.m.—London—Program announcements: GSV (17.81)
1-45 a.m.—Pittsburgh-Cincinnati—H. V. Kalten-

born, news: WPIT (11.87) WLWO (21.65)
4:25 p.m.—London—The Week's Programs: GSP (15.31) GSD (11.75)
7:15 p.m.—London—"Go To It": GSD (11.75)
7:30 p.m.—Tokyo—English talk about current events in Japan: JLS2 (17.845)
7:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJB (11.77)
7:40 p.m.—Rome—Opera, "Il Barbiere di Sivig-

Important Stations

(Megacycles or t	thousan	ds of kilocycles sho	wn)
CJRX, Canada	11.72	TG2, Guatemala	6.195
CSW7 Portugal	9.735	TGWA, Guatemala	de la
DJB, Germany	15.20	9.685.	15.17
DJD.	11.77	VLQ5, Australia	9.68
DJL. "	15.11	VLR.	9.58
DXB "	9.61	VLQ5, Australia VLR. VLW3.	9,645
EAQ, Spain	9.86	WCAB, Philadelphi	Berne a
GRX, England	9.69	Pa. 6.06, 9.59,	15.27
GSB,	9.51	WCBX, New York	City.
GSC, "	9.58	21.57, 15.27,	11.83,
GSD,	11.75	9.65, 6.17	
GSF, "	15.14	WDJM, Miami, Fla	
GSG. "	17.79	WGEA, Schenectad	y
GSH, "	21.47	N.Y. 21.50, 15.33	9.00
GSI, "	15,26	WGEO, Schenectad, N. Y.	Y. K. KON
GSJ,	21.58	N. Y.	9.53
GSN.	11.82	WLWO, Cincinnati,	wer.
GSP,	15.31	Ohio 21.65, 15 9.59, 11.87	0.00
DJB, Germany DJD, " DJD," DJD," DJL," DXB," EAQ, Spain GRX, England GRS, GSC," GSD," GSF," GSG," GSG," GSH," GSI," GSN,"	0 101	3137 37 37 37 37 37 37 37 37 37 37 37 37 3	0,00
HAT4, Hungary HBJ, Switzerland	9.125	WNBI, New York 0 6.100.	17 70
	12.46	WPIT. Pittsburgh.	Pa
HJCT. Colombia		21.54, 15.21, 11.87	
HP5A. Panama	11.70	WRCA, N. Y. City,	9.67
HP5G,	11.78	WRUL-WRUW,	0.0.
HVJ, Vatican City	11.74	Boston, Mass.	
JLS2. Japan	17.845	15.25, 15.13,	11.79
JZJ.	11.80		
JLS2, Japan JZJ.	15.16	XEWW Mexico	9,50
KGEI, San Francis	co.	XGOX, China	15.19
Calif. 9.53	15.33	YUG, Jugoslavia	15.24
KHE, Hawaii	17.97	2RO3, Italy	9.63
KIO. "	11.68	2RO4, "	11.81
KHE, Hawaii KIO. MTCY. Manchukuo	11.78	2R06, "	15.30
RV96. " 6.03	15:18	2RO8, "	17.82
SBT, Sweden	15.155	2RO9, "	9.67
TAP, Turkey	9.465	XEWW. Mexico XGOX, China YUG, Jugoslavia 2R03, Italy 2R04, " 2R08, " 2R08, " 2R015, "	11.76
SBT, Sweden TAP, Turkey TAQ,	15,195		

lia": 2RO8 (17.82) 2RO4 (11.81) 9:45 p.m.—New York City—Talk, "Radio Magic": WRCA (9.67)

Monday, July 29

Monday, July 29

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

9 a.m.—London—"To Talk of Many Things"; GSV (17.81)

4:30 p.m.—Martinique—English Hour; (9.705)

5:30 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)

7:40 p.m.—Rome—Folk-songs; The Abruzzo: 2RO8 (17.32) 2RO4 (11.81)

7:45 p.m.—Berlin—Letter to Harry: DJL (15.11)

DJD (11.77)

8:30 p.m.—Berlin—Club of Notions: DJL (15.11)

DJD (11.77)

9:30 p.m.—London—"To Talk of Many Things":

9:30 p.m.—London—"To Talk of Many Things": GSD (11.75)

Tuesday, July 30

For programs broadcast daily see Daily Programs (Col. 1)
1:15 p.m. (Tues., Thurs., Sat.)—Lisbon—Program
for English listeners, including music, variety
and topical talks in English: CSW7 (9.74)
7:15 p.m.—London—Variety, "Hi, Gang": GSD

and topical talks in English: CSW7 (9.74)
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, with violin soloist, Michelangelo Albado: 2R08 (17.82) 2R04 (11.81)
8 p.m. (Tues., Wed., Thurs.)—Boston—Raymond Gram Swing: WRUW (11.73, 15.13)
9:30 p.m.—Cincinnati—General Disque, war news analyst: WLWO (9.59)
9:50 p.m.—Berlin—Topical talk by Lord Haw Haw: DJD (11.77) DJL (15.11)

Wednesday, July 31

7:30 a.m.—London—"Matters of Moment": GSV (17.81)

(17.81)
5:30 p.m.—London—Talk, "Matters of Moment":
GSD (11.75)
7:40 p.m.—Rome—Violinist Maria Sequi: 2R08
(17.82) 2R04 (11.81)
8 p.m.—Berlin—English talk by E. D. Ward:
DJD (11.77) DJL (15.11)
9 p.m.—G u a te m a la—Radio Theater: TGWA
(9.685)

Thursday, August 1

Por programs broadcast daily see Daily Programs (Cot. 1)
7:30 a.m.—San Francisco—Frisco after dark:
KGEI (9.53)
6 p.m.—London—Talk in collaboration with Canadian Broadcasting Corporation: GSD (11.75)
6:30 p.m.—B ut d a pest—Communications of the World Ass'n of Hungarians: HAT4 (9.125)
7:15 p.m.—London—Serial, "Rupert of Hentzau":
GSD (11.75)
8:30 p.m.—Berlin—Self-made Men in Germany:
DJL (15.11) DJD (11.77)
10 p.m.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.685)

Friday, August 2

Friday, August 2

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

7:30 a.m.—London—World Affairs: GSV (17.81)

9 a.m.—London—Talk, "This Land of Ours": GSV (17.81)

4:30 p.m.—Berlin—Advance program notices: DJI (15.11) DJD (11.77)

5:30 p.m.—London—Talk, "World Affairs": GSD (11.75)

7:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77)

9 p.m.—Guatemala—Opera: TGWA (9.685)

9:30 p.m.—Schenectady—Two-way program with Byrd Expedition in Antarctica, sponsored by Cleveland Plain Dealer, News and Press: WGEO (9.53) KRTK (12.862)

and the state of	272 6	AN AREA SEE		
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	15.17
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	Aft	ernoon		
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	GS1	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
			2808	17.82
5:45 p.m.	4:45 p.m.	London	GSP	15.31
Daily		ening		
7:00 p.m.	6:00 p.m.		DJB	15.20
7	English and the	The state of the s	DID	11.77
7:30 p.m.	6:30 p.m.	London	GSD	11.75
8:15 p.m.	7:15 p.m.	Berlin	DID	11.77
	- City Pools		DJL	15.11
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
	DECE-WILLIAM		DID	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
	A LOUIS OF		2R08	17.82
11:30 p.m.	10:30 p.m.	Berlin	DJD	11.77
			DJL	15.11
			DXB	9.61
1:00 a.m.	12:00 mid.	Berlin	DID	11.77
	The same of the sa		DXB	9.61
2:15 a.m.		London	GSD	11.75
2:30 a.m.	1:30 a.m	Rome	7803	9.63

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

2R06 15.30

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

EDT City Program Station

FOT City Program Station
7:30 a.m.—Melbourne—News (English): VLR
(9.58)
8 a.m.—Sydney, Australia—Broadcast for East
Coast North American listeners; (8:30 a.m.)
News (English): VLQ5 (9:68)
11 a.m.—Saigen—News (English): (11.78)
11:30 a.m.—Sydney, Australia—Broadcast for Pacific Coast listeners; (12 noon) News (English): VLQ5 (9:68)
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.

(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: ZRO8 (17.82) ZRO4 (11.81)
4:15 p.m.—Berlin—Lord Haw Haw's propagated
talk in English: DJB (15.20) DJL (15.11)
4:30 p.m.—Ankara, Turkey—Variety program from
Ankara, Turkey: TAQ (15.195)
4:35 p.m.—Berlin—Matters of Moment: DJB
(15.20)

4:45 p.m.— (15.20)

(15.20)
5:15 p.m.—Berlin—Propaganda talk in English:
DJB (15.26) DJL (15.11)
5:30 p.m.—Rome—Listener's Corner (English):
2ROB (17.82) 2RO4 (11.81)
5 p.m.—Prague—Variety program from Bohemia:
OLR4A (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): ZQI (4.75)

7:05 p.m.—Variety program from Portugal Ro North American listeners: CSW7 (9.74) 7:30 p.m.—Panama—News (English): HP5A (11.70)

7:35 p.m.—Budapest—Variety program from Hun-gary 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: RV95 (15.18)

(15.18)
3:30 p.m.—London—Britani Speaks: GSD (11.75)
9 p.m.—Stockholm—Program from Sweden for Issteners 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.—Berlio—Topicat talk (English): DJL (15.11) DJD (11.77)
10:30 p.m.—London—Radio News Reel for North American Issteners GSD (11.75)
1 a.m.—Tunis—Variety program and news flashes: Radio Tunis (15.55)
2 a.m.—Rome—Program for Pacific regions: 2RO6 (15:30) 2RO3 (9:63)
2 a.m.—San Francisco—News (English): KGE1 (9:53)

Saturday, August 3

Saturday, August 3

For programs breaster sails see Bairy Programs (Cat. 1)

12 noon—San Francisco—Missionary Mail Bag:
KGEI (9.67)

7:30 p.m.—Martinique—Program of native ereole
music: Radio Martinique (9.705)

8 p.m.—London—Landon 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 calcaret with Charlie: DJL (15.11) DJD (11.77)

11 p.m.—Bogota—Dance music: RJCT (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?

T THE time of writing it still A 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. the invasion goes according to plan the Germans would of course eventually try to seize or destroy all of 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. is quite likely he will be heard frequently over this station.

these various transmitters. Should

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 Hou 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: 2RO8 (17.82), 2RO14 (15.23), 2RO15 (11.76), 2RO4 (11.81) and 2RO3 (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 2RO8 (17.82), 2RO6 (15.30) and 2RO15 (11.76). According to Dorothy Hall of Springfield Gardens, L. I., New York, HAT4 (9.125), Budapest, is now being 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 neard both mornings and afternoons on a frequency of 17.84 megs...
RV96 (15.18), Moscow, power 100,000 watts,

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 (Kweiyang, 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 Chinese International Broadcasting Station at Chungking, which has just undergone extensive alterations, has received the new call XGOZ, replacing the former dual call XGOY XGOX . 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.

Za.m.—Tokyo—Japan Broadcasting Symphony Orchestra: JLSZ (17.845)

Sunday, August 4

For arograms broadcast daily see Daily Programs (Col. 1) 10:30 a.m.—London—Advance program notices: (SV (17.81)

10:45 a.m.—L. o a d o a—Industrial Britain: GSV (17.81)
11:45 a.m.—News (English): HP5G (11.78)
9 p.m.—Guatemalia—Orchestra of Maestro Jose Molinas Pinillos, with noted solorists: TGWA (9.685)
9:15 p.m.—Landon—Go Tu It: GSD (11.75)

Important Stations

(Megacycles or	thousan	ds of kilocycles show	n)
CJRX. Canada	11.72	TAQ. Turkey 1	5.195
CSW7. Portugal	9.735	TAQ. Turkey 1: TG2, Guatemala (1.195
CSW7, Fortugal DJB, Germany DJD, DJL, DXB, EAQ, Spain EIRE, Iyeland	15.20	TGWA, Guatemala	
DJD.	11.77	9.685. 1	5.17
DJL.	15.11	VLQ5, Australia	9.08
DXB, "	9,61	VLQ5, Australia VLR. VLW3,	9.58
EAQ. Spain	9.88	VLW3. " I	1.645
EIRE, ireland GRX, England GRSB, GSC, GSD, GSF, GSG, GSH, GSI, GSN, GSN, GSP, HAT4, Hungary HBJ, Switzerland	17.84	WCAB. Philadelphia	
GRK, England	9,69	Pa. 6.06, 9.59, 1 WCBX, New York C 21.57, 15.27, 1	15,27
GSB,	9.51	WCEX, New York O	ity.
GSC,	9.58	21.57, 15.27, 1	1.83,
GSD,	11.75	9.65, 6:17.	6:12
GSF, "	15.14	WGEA, Schanectady	
GSG.	17.79	N.Y. 21.50, 15.33,	9.55
GSH. "	21.47	WGEO. Schenectady, N. Y.	STATE OF
GSI * "	15,26	N. Y.	9.53
GSJ. "	21.58	WLWO, Cincinnati,	
GSN.	11.82	Ohio 21.65, 15.5	
GSP, "	15.31	9.59.11.87,	6,00
GSV. "	17.81	WNBI, New York Ci 6.100, 1	ty.
HAT4. Hungary	9.125	6.100, 1	7,78
HBJ, Switzerland	14.535	WPIT, Pittsburgh, I	Bi
HCJB, Ecuador	12.46	21.54, 15.21, 11.87,	6,14
HJCT, Colombia	9.63	WRCA, N. Y. City.	9.67
HP5A, Panama	11.70	WRUL-WRUW,	
HCJB, Ecuador HJCT, Colombia HP5A, Panama HP5G,	11.78	Boston, Mass.	
HVJ. Vatican City	11.74	15.25, 15.13, 1	1.79
JLS2, Japan	17.845	11.73.	6.04
HVJ. Vatican City JLS2, Japan JZJ. JZK.	11.80	XEWW, Mexico	9,50
JZK, "	15.16	XGOX, China	5.19
KULL San Francis	co,	YUG. Jugoslavia	5.24
Calif. 9.53, 9.67	. 15:33	2HO3, Italy	9.63
KHE, Hawaii	17.97	2RO4.	1.81
KIO.	11,68	2R06, "	5.30
MTCY, Manchukuo	11.78	2ROS, "	7.82
RV96, 6.03,	15.18	2R09.	9.67
SBI, Sweden	15,155	2RO14. "	15.28
RV96, 6.03, SBT, Sweden TAP, Turkey	9.465	XEWW Mexico XGOX. China YUG. Jugoslavia 2 2RO3. Italy 2RO4. " 2 2RO5. " 2 2RO8. " 2 2RO9. " 2 2RO15. " 1	1.76
	-		
0.00	1 444 1		

9:30 p.m.—Tokyo—Orchestra selections by the Japan Broadcasting Symphony Orchestra: JLSZ (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: 2ROS (17.82) 2RO4 (11.81)
9:45 p.m.—London—Industrial Britain: GSD (11.75)

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

Monday, August 5

For programs brassesset unity see Daily Programs (Cot. 1) 9:30 p.m.—Tokyo—Light music by Kawaguchi and His Band: JLS2 (17.845)

His Band: JLSZ (17.845)
9:40 p.m.—Ro in e.—Folk-songs: 2RO8 (17.82)
2RO4 (11.81)
9:45 p.m.—Berlin—Letter to Harry: DJL (15.11)
DJD (11.77)
10:30 p.m.—Berlin—Club of Notions: 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 Carrent Conditions in Japan": JZK (15.16)

Tuesday, August 6

For programs broadcast daily see Daily Programs (Cot. 1)
7 p.m. (Tues., Thurs., Sat.)—Quito, Ecuador—English travel talks about interesting spots in Ecuador: HCJB (12.46)
9:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77)
9:40 p.m.—R o m e—EIAR Symphony Orchestra.
2ROS (17.82) 2RO4 (11.81)
11 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)
11:50 p.m.—Berlin—Topical talk by Lord Haw

11:50 p.m.—Berlin—Topical talk by Lord Haw Haw: DJD (11.77) DJL (15.11)

Wednesday, August 7

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 ralk by E. D. Ward.
DJD (11.77) DJI. (15.11)
11 p.m.—Guatemala—Opera, "Falstaff": TGWA

12 mid.—Guatemala—The Philatelic Hour: TG2 (6.19) 1:20 a.m.—Tokyu—Japanese music in historical perspective: JLS2 (17.845)

Thursday, August 8

Thursday, August 8

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

7:30 p.m.—London—English newsletter for Canada: GSD (11.75)

8:30 p.m.—B u d a p e s t—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: DJD (11.77) DJL (15.11)

12 mid.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.585)

Friday, August 9

Friday, August 9

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

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

6:30 p.m.—Bertin—Advance program notices:
DJL (15.11) DJD (11.77)

7:10 p.m.—Liasbon—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)

9:35 p.m.—London—This Land of Ours. GSD

(11.75)

11 p.m.—Guatemala—Badio Theater, "El Rogra-

11 p.m.—Guatemala—Radio Theater, "El Rogar Aleno": TGWA (9,685) 1:20 a.m.—Tokyo—"Sound of Japan," 24 hours of the Tokyo Airport: JLS2 (17,845)

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Daily		orning		2200	
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.	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		ernoon		-	
12:00 noon	11:00 z.m.	London	GSV	17.81	
12:15 p.m.	11:15 a.m.	Berlin	DIB	15.20	
2:00 p.m.	1:00 p.m.	Landon	GSI	15.26	
3:25 p.m.	2:25 p.m.	Rome	28.06	15.30	
4:30 p.m.	3:30 p.m.	Rame	2R08	17.82	
			28014	15.23	
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.	Landon	GSP	15.31	
Daily		ening			
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	DJD	11.77	
			DJL	15.11	
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	
			DID	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	
di an			2R08	17.82	
11:30 p.m.	10:30 p.m.	Berlin	DJD	11.77	
			DJL	15.11	
	-		DXB	9.61	
1:00 a.m.	12:00 mid.	Berlin	DID	11.77	
-	51.00		DXB	9.61	
2:15 ≥.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. 10, through Fri., Aug. 16

The programs listes here are these broadcast daily at the

City Program Station

FDT City Program Station
7:30 a.m.—Berlin—Variety program for North
American Instenders: D.H. (15.11)
8 a.m.—Sydney, Australia—Benadeast for East
Coast North American Intenders; (8:30 a.m.)
News (English): VLQ5 (9:68)
9:45 a.m.—Ba in g k o k.—News (English): HSP6
(7:968, 11/21)
11 a.m.—Saigon—News (English): (11.78)
12:10 p.m.—Berlin—Variety and propagarda talks
in English for North America: DJB (15.20)
DJE (15.11)
2 p.m.—Paris—Nari-sponsored English program:
(15:24)
2:30 p.m.—Goatemala—Luncheon hour concert

(15.24)
2:30 p.m.—Goatemala—Luncheon hour concert: TGWA (15.17)
3:15 p.m.—Berlin—English talk about war situation: DJL (15.11) DJB (15.20) (15.24)
4 p.m.—Rome—Evening concert with English aurouncements: 2ROS (17.82) 2RO4 (11.81)
4:45 p.m.—Berlin—Matters of Moment: DJB (15.20)

5:30 p.m.—Oslo—Program for Norwegians in the United States: LKV (15,17)

6 p.m.—Prague—Variety program from Bohamia: DHE4A (11.84)

6:30 p.m.—Moscow—News (English): RV96

7 p.m. (ex. Sun.) - Jamaica - News (English): 201

7:30 p.m.—Martinique—News (English): (9,705)
8 p.m.—Panana 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)

gary tor North American asteoers: HA44 (9,125)
8:30 p.m.—London—Britain Speaks; GSD (11.75)
9:30 p.m.—Belize, British Honduras—News (English): Z1K2 (10.60)
10 p.m.—Quito, Ecuador—Friendship Hour (English): HCJB (12.46)
10:30 p.m.—Program from India: VUD4 (15.29)
VUM2 (11.83) VUD2 (9.59)
11 p.m.—Rome—Experimental broadcast for North
America: 2R06 (15.30) 2R08 (17.82)
11:30 p.m. (ex. Sun.)—Vancouver—News (English): CKFX (6.08)
1:03 a.m.—Tokyo—News (English): JZK (15.16)
2 a.m.—Rome—Program for Pacific regions:
2R06 (15.30) 2R03 (9.63)

Saturday, August 10

For programs broadcast daily see Daily Programs (Cot. 1)
7:30 p.m.—Martinique—Program of native creole music: Radio Martinique (9.705)
9 p.m.—Honolulu—'Hawaii Calis.' Native music and songs from the Isles: KIO (11.68) or KHE (17.97)
9:15 p.m.—London—The Week's Programs: GSD (11.75)

9:15 p.m.—London—The Wess
9:15 p.m.—London—The Wess
(11.75)
9:30 p.m.—Tokyo—Popular songs by Tao Shoji
and Miss Shoko Aoba: JLS2 (17.845)

Revilin—Friendly Quarrelers: DJL and Miss Shoko Aoba: JLS2 (17.845)

10:20 p.m. - Berlin - Friendly Quarrelers: DJL (15.11) DJD (11.77)

11 p.m. - Bogota - Dance music: HJCT (9.63)

12 mid. - Guatemala - Dance music by National Police Force Marimba Band: TGWA (9.685)

Sunday, August 11

For programs broadcast early see Daity Programs (Cot. 1) 10:30 a.m.—London—Advance program notices: GSV (17.81) 11:45 a.m.—News (English): HP5G (11.78) 1:45 p.m.—Guatemala—Request program by the

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 some-what 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. Should Soviet Russia decide to throw its entire military might and vast resources into the struggle, which now seems to be entering a final and decisive stage, victory would prob-ably be assured to that side receiving the Soviet aid. Soviet Russia will enter this war only if or when It considers it greatly in its own interests to do so. Meanwhile, both sides watch every new Soviet move with bated breath. Moscow's diplomatic and military moves are generally clothed in great secrecy, but the general trend of events that can be expected are usually apparent to those who listen to the Moscow short-wave broadcasts.

Short-wave activities, already on a huge scale, are being stepped up as rapidly as the engineering output of Soviet Russia will permit. Center, Moscow, huge and mysterious broadcasting headquarters for all radio activities in the Union, is open twenty-four hours daily, pourout Communist propaganda broadcasts in more than a dozen languages. Acre upon acre of directional antenna permit the focusing of these broadcasts upon any part of the world at will. These broadeasts are sent out on dozens of different frequencies and upon complicated broadcasting schedules which are changed from month to month as seasonal changes dictate. Transmissions from Moscow are as rule not well received in the United States due to the fact that they must cross Arctic magnetic fields before reaching us and these often divert or completely cancel the signals. However, from time to time these Soviet broadcasts get through with tremendous strength.

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. Therefore in order that you may have this chance to hear what Moscow is saying I am giving in the following paragraphs a list of Soviet short-wave frequencies now in use and a sched-ule of English broadcasts, pointing out those programs which are di-

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, 15.12, 15.39, 15.41, 15.30, 13.715, 15.735, 16.09 and 18.54.

MOSCOW BROADCASTS IN ENGLISH

Daily, EDT):
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,
12.00, 7.545 megs,
5:30 p.m. on 15.18, 9.52, 11.71 megs,
12.00, 7.545 megs,
6:30 p.m. on 15.18, 9.52, 11.71 megs,
12.00 a.m. on 15.18, 9.52 megs,
2:30 a.m. on 15.18, 9.52 megs,
4:00 a.m. on 15.18 megs,

MOSCOW PROGRAMS TO NORTH AMERICA (Daily, EDT): 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)

Rest 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. Both men and women announcers are utilized on the programs and they alternate in reading news items, talks on life in the Soviet Union or pure propaganda discussions. Frequent announce-ments of "This is Radio Center, Moscow" are made.

FROM THE EUROPEAN ARENA: Broadcasts over the Hungarian short-wave station are now taking place according to the follow-ing 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. The later hour for the North American program should provide better reception for listeners in this country . . Transmissions from the Paris short-wave stations (formerly Paris Mondial) are gradually being resumed by the Naz authorities now in control. According to August Balbi of Los Angeles, Calif., these may now be heard daily as follows: On 15.24 megs, from 1:30 to 4:30 p.m. and on 9.52 megs, week-days, from 1 to 2 a.m. and on Sunday mornings from 2 to 3 a.m. EDT. Program announcements and talks in French, and English these broadcasts . . Short-wave listeners are asked to report reception of special experimental broadcasts from Rome, which are being sent out daily from 12 mid. to 12:30 a.m. EDT, over 2R08 (17.82), 2R06 (15.30) and 2R015 (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. COK broadcasts a lot of fine Cuban music and much information of interest about Cuba, especially for English listeners . . . In order to better acquaint the public with amateur radio, Mrs. Kay I. Kibling, trustee for New York World's Fair amateur station W2USA, is presenting a program called "Ham Radio" every Monday at 3:30 p.m. EDT, over Mayor La Guardia's station WNYC (810 kilocycles) . . . Jamaica station ZQ1 (4.75) is now on the air daily except Sundays from 7 to 7:30 p.m. EDT.

Marimba Ensemble: TGWA (15.17)
5:15 p.m.—Guatemala—Marimba "Palma de Oro":
TGWA (15.17)
5:55 p.m.—Berlin—Program preview: DJL (15.11)
6:25 p.m.—London—The Week's Programs: GSP (15.31) GSD (11.75)

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)

CJRX, Canada	11.72	TAP, Turkey TAQ, TG2, Guatemala	9,465
CHANN Bookson	Q 1979 E	DAT	15/195
DIR Garmany	15 90	TOO Gustemals	6 198
TOTAL	20.20	TOOL GURENINGE	0.200
DJD,	89.65	TGWA, Guatemale	
Dilli.	10.11	9.085	
DXB. "	9.61	VLQ5, Australia	9.68
EAQ. Spain	0.86	VLR.	9.58
DJR, Germany DJD, DJL, DXB, EAQ, Spain EIRE, Deland	17.84	VLR.	9.645
GRX England	77.65	WCAB. Philadelph	
GSB.	0.32		
GSB,	0.01	Pa. 6.06, 9.69.	STATE OF
GSC.	0.08	WCBX, New York 21.57, 15.27	City
GSD,	11.75	21.07, 10.27,	11.83,
GSF, "	15.24	9.65, 6.17	
.030.	17,79	WGEA. Schemetan	ly.
GSH. "	21:47	N.Y. 21.50, 15.3	3, 9,55
GSL "	18.96	WOED Schemetal	w
(TGT 11	23.56	WGEO, Schemetad N. Y.	9.53
GSN.	31.89	WLWO, Cincinnati	
GSP.	18 91	Ohio 21.65, 1	
GSV.	27 61	0.59. 11.8	7 7 05
Transaction	D 100	TIMES NO. 64-0	71.000
HAT4. Hungary	9.125	WNBI, New York	City.
HBJ, Switterland	14.000	0,100.	17:78
HCJB, Ecuador		WPIT, Pittaburgh,	
HJCT. Colombia		21,54, 15,21, 11,8	
HP5A, Panama	11.70	WRCA, N. Y. City	9.67
HP50, "	11.78	WRUL-WRUW.	
HVJ Vatican City	11.74	Boston, Mass.	
JLS2, Janan	17.845	15.25, 15.13.	11.79
JZJ.	11.80	13.77	3, 6.04
JLS2, Japan JZJ, JZK,	15.16	XGOX, China	15.19
KGEI, San Francisc		MATER Townships	15 94
Calle 0 52 0 02	30 99	OP OP Train	0.69
Calif. 9.53, 9.67.	10 00	anda, italy	17 97
ALTER THE WALL	22.00	225.574	10.00
KHE, Hawaii KIO, LKV, Norway	11,68	EKO6.	10,30
LEV. NOTWAY	10.17	2808,	17.82
M.D.C. Manchukuo	11.78	2RO9.	9.67
RV96, " 6.03,	15,18	2R014, "	15,23
RV96, " 6.03, SBT, Sweden	15.155	2R03, 77 2R06, 77 2R06, 77 2R08, 77 2R014, 77 2R014, 77	11.76

9:40 p.m. Rome—Opera: ZROS (17.82) ZRO4

11 p.m.—Guatemala—The Exquisite Hour: TGWA (9.685)
1:40 a.m.—Tokyo—English talk, "Mental Traits of the Jupanese and the Americans": JZK (15.16)

Monday, August 12

For programs breadcast daily see Gaily Programs (Col. 1) 11 a.m.—Landon—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 n.m.—Rochis Latini (17.78) 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—2RO's Mail Bag: 2RO8 (17.82) 2RO4 (11.81) 11:30 p.m.—London—To Talk of Many Things: (SSD (11.75)

Tuesday, August 13

For programs broadcast daily see Bally Programs (Col. 2)
7 p.m. (Tues., Thurs., Sat.)—Quito, Ecuador—
English stavel talks about interesting spots in Ecuador: HCJB (12.46)
9:40 p.m.—Ro m e—EIAR Symphony Orchestra:
2RO8 (17.82) 2RO4 (11.81)
11 p.m.—Guatemale—Symphonic Concert: TGWA (19.83)

11:50 p.m.—Herlin—Topical talk by Lord Haw Haw: DJD (11.77) DJL (15.31) 1:40 a.m.—Tokyo—Let's Tune In Hour: JZK (15.15)

Wednesday, August 14

9:30 a.m.—London—Matters of Moment: GSV

(17.81)
7:30 p.m.—Landon—Talk, "Matters of Moment":
GSD (11.75)
10 p.m.—Berlin—English talk by E. D. WardDJD (11.77) DJL (15.11)
10:30 p.m.—Berlin—Political cabaret with Charlie:
DJD (11.77) DJL (15.11)
11 p.m.—Guatemala—Opera, His Mojesty's Ship.
"Pinafore": TGWA (9.685)
12 mid.—Guatemala—The Philatelie Hour: TG2
(6.19)

Thursday, August 15

rograms broadcast daily see Daily Programs (Col. 1) 7:30 p.m.—London—English newsletter for Cana-da: GSD (11.75) 9:15 p.m.—London—Serial, "Rupert of Hentzau": GSD (11.75)

Tokyo—Business Life in Modern Ja-JLS2 (17.845) 9:30 p.m.-

pan: 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: DJD (11.77) DJL (15.11)
12 min.—Guatemala—Marimba Ensemble of the National Police Force: TGWA (9.685)

Friday, August 16

Friday, August 16

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

6 p.m.—Buenes Aires—News and Brazilian muric:
LRA5 (18.03) LRA1 (9.69)

6:30 p.m.—Berlin—Advance program notices:
DJL (15.11) DJD (11.77)

7:30 p.m.—Lisbon—Variety show: CSW7 (9.74)

7:30 p.m.—London—Talk, "World Affairs": GSD (11.75)

9:15 p.m.—London on—At the Black Dog: GSD (11.75)

9:40 p.m.—Rome—Request selections: ZROS

9:40 p.m.—R o m e—Request selections; ZRO8 (17.82) ZRO4 (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 Daily Morning CITY 4:30 a.m. London 4:45 a.m. Berlin 6:00 a.m. London 6:15 a.m. Berlin 7:40 a.m. 8:40 a.m. Rome 8:00 a.m. 9:00 a.m. London 8:15 a.m. 9:15 a.m. Berlin 10:00 a.m. 11:00 a.m. London 11:25 a.m. 12:25 p.m. Rome DJB Afternoon 1:30 p.m. Rome 12:30 p.m. 2R014 3:30 p.m. 4:30 p.m. London 4:15 p.m. 5:15 p.m. Berlin 6:00 p.m. Budapest 6:00 p.m. London 6:00 p.m. Moscow 6:00 p.m. Stock'm 6:00 p.m. Stock' 6:15 p.m. Berlin Evening 6:30 p.m. 7:30 p.m. London 7:00 p.m. 8:00 p.m. Rome 7:30 p.m. 8:30 p.m. Berlin 9:00 p.m. 10:00 p.m. Berlin

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

The programs listed here are those broadcast daily at the

Program Station City

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.—Berlin—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—Evening program for North America: DJL (15.11) DJZ (11.797)

2:30 p.m.—Mercan—News (English): RV96 (15.18)

3 p.m. (ex. Sun.)—Jamaica—News (English): ZQ1 (4.75)

3 p.m. (ex. Sun.) - Jamaica-News (English): ZQ1

3:05 p.m.—Variety program from Portugal for North American listeners: CSW7 (9.74) 3:30 p.m.—P a n a m a—News (English): HP5A

3:30 p.m.—P a n a m a—News (English): HP2A (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) RKI (15.04) RNE (12) RAN (9.60)
4:30 a.m.—Rudapast—Variety program from Hun-

p.m.—Budapest—Vasiety program from Hun-gary for North American listeners: HAT4 (9.125)

(9.12)

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

m.—Tokyo—Program for eastern North America; (5:15 p.m.) News (English); JLS2 (17.845)

(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): HCJB (12.46)
6 p.m.—Belgrade—Program for Jugoslav listeners in United States: YUG (15.24)
7 p.m.—R o m e—Experimental broadcasts for North America: ZRO6 (15.30) ZRO8 (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.—R o m e—Program for Pacific regions:
2R06 (15.30) 2R03 (9.63)
1 & 3:30 z.m.—Melbourne—News (English): VLR

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 for 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 1987 a completely reorganized and ex-panded 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

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 signalstrength 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.

tions 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.—English news 8:15 a.m.—Program resume 8:30 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.-1:2:00 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.)

6:15 p.m.—Dure.—Spanish 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.—Dance or classic music

7:30 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)

PCJ2 (15.22), former Philipps station at Huizen, Holland, is now being heard again under German control. It operates mornings

on about the same schedule as formerly but with much weaker signals, probably due to reduced power . . . OIE (15.19), Lahti, Fin-land, is being heard just after it comes on the air at 9:30 p.m. PST with a program of dance music . . . Coming in an early issue of Movie and Radio Guide: Inside information about programs from the German short-wave station.

1 p.m.—Lima, Peru—Program of Peru Automo-bile 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

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)

Important Stations

CJRX. Canada 11.72 TAQ. Turkey 15.196 CSW7. Portugal 9.735 TG2. Guatemala 6.195 DJB, Germany 15.20 TGWA. Guatemala 6.195 DJB, Germany 15.20 TGWA. Guatemala 6.195 DXB, 11.77 LL. 15.11 VLQ5, Australia 9.68 EAQ, Spain 9.66 VLR. 9.88 VLW3, 9.645 CSR. 9.58 GSD. 17.78 WCAB, Philadelphia. 9.69 GSB. 9.51 GSC. 9.58 GSD. 11.75 GSF. 15.14 GSG. 17.79 GSB. 9.58 GSD. 17.79 GSB. 9.58 GSD. 17.79 GSB. 9.58 GSD. 17.79 GSB. 9.59 L1.75 GSF. 15.14 GSG. 17.79 GSB. 9.58 GSD. 17.79 GSB. 9.58 GSD. 17.79 GSB. 9.59 L1.75 GSF. 15.14 GSG. 17.79 GSB. 1 (Megacycles or thousands of kilocycles shown)

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: 2RO8 (17.82) 2RO4

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

Por programs breadcast daily see Daily Programs (Cot. 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: HBJ (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: 2RO8 (17.82) 2RO4 (11.81) 7 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)

Wednesday, August 21

For programs broadcast saily see Daily Programs (Cot. 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 Traviara"
TGWA (9.685)
8 p.m.—Guatemala—The Philatelic Hou

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

Thursday, August 22

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—Sérial, "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

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.—R o m e—Request selections; 2RO8 (17.82) 2RO4 (11.81)

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

7 p.m.—Guatemala—Radio Theater, "Sobrevivirse"; TGWA (9.685)

Daily		orning		
EDT	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		ernoon		
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
			2R014	15.23
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	Ev	ening		
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	DID	11.77
	Control States		DJL	15.11
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
	TOTAL MINISTER		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	DJD	11.77
	The second second	1,000	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
			200120000	and the same of the same of

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

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

City Program Station 5 & 7:30 a.m.—Melbourne—News (English): VLR

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: 2RO8 (17.82) 2RO4 (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)

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—Listener's 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 from 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)

(9.125)
 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 (17.745)

ica; (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 Jugoslav 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: 'LQ (17.80)

2 a.m.—Ro m e—Program f.r. 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

HOW TO LISTEN TO GERMANY

R. 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 Fritsche. 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 pro-verbial "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 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 shortwave 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 DJB (15.20); at 7 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 shortwave 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

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)

9 p.m.—Honolulu—"Hawaii Calls." Native music and songs from the Isles: KIO (11.68) or KHE (17.97) 9:30 p.m.—Tokyo—Japanese operetta: JLS2 (17.845) 10:20 p.m.—Berlin—Fritz and Fred, the Friendly Quarrelers: DJL (15.11) DJD (11.77) 12 mid.—Guatemala—Dance music by National

Important Stations

(Megacycles or	thousan	ds of kilocycles sho	wn)
CJRX, Canada	11.72	TAQ, Turkey	
CSW7 Portney	0.7725	TG2, Guatemala	6 195
DJR Garmany	15 20	TGWA, Guatemala	
DID, Germany	13.77	TOWA, Guatemata	15.17
DIT.	11,11	3,000	0.00
Date,	10.11	VLQD, Australia	9.08
DXB,	9,61	VLR,	9.58
EAQ. Spain	9.86	VLQ5, Australia VLR, VLW3, "	9,645
DJB, Germany DJD, DJL, DXB, EAQ, Spain EIRE, Ireland	17.84	WCAB, Philadelph	in.
CLUE, EBEIRDG	29.5325	Pa. 6.06, 9.59	15.27
GSB. "	9.51	WCBX, New York	City.
GSB, "GSC, "GSD, "GSF, "	9.58	WCBX, New York 21.57, 15.27,	11.83.
GSD, "	11.75	9,65, 6,1	7. 6.12
GSD, " GSF, " GSG, "	15.14	WGEA, Schenectar	
	17,79	N. Y. 21.50, 15.3	9 9 55
GSH, "	21.47	WCFO Schengstad	
GSH, " GSI, " GSJ, "	15.26	WGEO, Schenectad	0.52
GSI. "	01.20		
GSN, "	21.08	WLWO, Cincinnati	15.27.
GSP !!	11.02		
	10,31	9,59, 11,8	
GSV. "	17.81	WNBI, New York	City,
HAT4. Hungary	9,125	6.100	17.78
HBJ. Switzerland	14.535	WPIT. Pittsburgh.	L'B.
	12.46	21.54, 15.21, 11.8	7, 6,14
HJCT, Colombia	9.63	WRCA, N. Y. City	9.67
HP5A, Panama	11.70	WRUL-WRUW.	
HP5G. "	11.78	Boston, Mass.	
HVJ. Vatican City	11.74	15.25, 15.13,	11.79.
JLS2. Japan	17.845		
JZJ. G	11.80	XGOX. Chins	15.19
JLS2, Japan JZJ.	15.16	XGOY. "	11.90
KGEI. San Francis	00	VIIG Jugoslavia	15.24
Calif. 9.53, 9.67	15 99	abos Trale	9.63
PUP Wantell	17 07	SPA4 II	11.81
KHE, Hawaii KIO, LKV, Norway	11.00	abor #	15.30
THE WALLE	11.00	2R00,	17 00
METON MOTHER	27.77	anos,	0.04
MTCY, Manchukuo	11.75	2R09. "	15 00
RV96, " 6.03	10:10	ZRUIT,	10,23
SBT, Sweden	15.155	2R015, "	11/10
TAP, Turkey	9,465		

Police Force Marimba Band: TGWA (9.685)

Sunday, August 25

For programs broadcast daily see Daily Programs (Cot. 2)
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

9:30 p.m.—Berlin—English talk by Lord Haw Haw: DJL (15.11) DJD (11.77) 9:40 p.m.—Rome—Opera: 2RO8 (17.82) 2RO4 (11.81)

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

Monday, August 26

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

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

9 p.m.—Rio de Janeiro—Brazilian program for
North America, including typical music, travel
tälks 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—Chilo—Symphony Orchestra:
JLS2 (17.845)
9:40 p.m.—Rome—EIAR Symphony Orchestra:
2RO8 (17.82) 2RO4 (11.81)
11 p.m.—Guatemala—Symphonic Concert: TGWA (9.685)
11:50 p.m.—Berlin—"Anglo-American Relations":

0 p.m.—Berlin—"Anglo-American Relations": Haw Haw: DJD (11.77) DJL (15.11) 11:50 p.m.-Berlin-

Wednesday, August 28

programs broadcast daily see Daily Programs (Col. 1)

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 Lite": 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

Thursday, August 29

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

11 a.m.—New York City—Radio City Music Hall:
WNBI (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 (9.585)

Friday, August 30

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.—R om e—Request selections: 2RO8 (17.82) 2RO4 (11.81)

11 p.m.—G u a t e m a l a—Radio Theater: TGWA (9.685)

11:50 p.m.—Berlin—Announcements of programs for next week: DJL (15.11) DJD (11.77)

Daily	M			
CST	CDT	CITY	STATION	DIAL
5:30 a.m.	6:30 a.m.	London	GSG	17.79
5:30 a.m.	6:30 a.m.	Berlin	DJL	15.11
7:00 a.m.	8:00 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
10:30 a.m.	11:30 a.m.	Berlin	DIB	15.20
Daily		ernoon		
12:00 noon	I:00 p.m.	London	GS1	15.26
1:15 p.m.	2:15 p.m.	Berlin	DJB	15.20
1:25 p.m.	2:25 p.m.	Rome	2R06	15.30
2:30 p.m.	3:30 p.m.	Rome	2R08	17.82
			2R014	15.23
2:30 p.m.	3:30 p.m.	Berlin	DJB	15.20
2:50 p.m.	3:50 p.m.	London	GSP	15.31
3:30 p.m.	4:30 p.m.	Rome	2R04	11.81
			2R08	17.82
3:45 p.m.	4:45 p.m.	London	GSP	15.31
5:00 p.m.	6:00 p.m.	Berlin	DJL	15.11
100	-		DID	11.77
5;30 p.m.	6:30 p.m.	London	GSD	11.75
Daily	Ev	ening		
6:15 p.m.	7:15 p.m.	Berlin	DJD	11.77
			DJL	15.11
7:00 p.m.	8:00 p.m.	Budapest	HAT4	9.125
7:00 p.m.	8:00 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	DJL	15.11
			DJD	11.77
8:30 p.m.	9:30 p.m.	London	GSD	11.75
9:00 p.m.	10:00 p.m.	Rome	2R04	11.81
1			2R08	17.82
9:30 p.m.	10:30 p.m.	Berlin	DID	11.77
			DJL	15.11
			DXB	9.61
11:00 p.m.	12:00 mid.	Berlin	DID	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., Aug. 31, through Fri., Sept. 6

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

CST City Program Station

CST City Program Station

5 a.m.—Berlin—Variety program for North American listeners: DJL (15.11)

6:30 a.m.—Sydney—Broadcast for East Coast North American listeners: VLQ5 (9.68)

8 a.m.—Chungking, China—National Chinese program for North America: XGOY (9.64)

9:30 a.m.—Sydney, Australia—Broadcast for Pacific Coast listeners; (10 a.m.) News (English): VLQ5 (9.68)

10:30 a.m.—Berlin—Variety and propaganda talks in English for North America: DJB (15.20)

11:30 a.m.—Pari s—Nazi-sponsored variety program: (15.24)

11:45 a.m.—Guatemala—Popular marimba band music for North America: TGWA (15.17)

12:30 p.m.—Guatemala—Luncheon Hour Concert: 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)

2:30 & 5:15 p.m. (ex. Sat., Sun.)—Christia n Science Monitor World News: WRUL (15.25, 11.79)

3 p.m.—Berne, Switzerland—Experimental broadcast from the new Swiss and Antonio (13)

5 p.m.—Berne, Switzerland—Experimental broadcast from the new Swiss gov. station: (6.17)
3:30 p.m.—Norway—Nazi-sponsored English broadcast for North America: LKV (15.17)
3:30 p.m.—Rome—Listeners' Corner (English): 2R08 (17.82) 2R04 (11.81)
3:50 p.m.—Berlin—Evening program for North America: DJL (15.11) DJD (11.77) or DJZ (11.80)
3:55 p.m.—Rorlin—P.

(11.80)
3:55 p.m.—Berlin—Program announcements: DJL
(15.11) DJD (11.77)
5:05 p.m.—Variety program from Portugal for
North American listeners: CSW7 (9.74)
5:10 p.m.—Sydney—Australian program for listeners in eastern North America: VEQ (17.80)
5:30 p.m.—P a n a m a—News (English): HP5A

teners in eastern North America: VLQ (17.80)
5:30 p.m.—P a n a m a—News (English): HP5A (11.70)
5:30 p.m.—Martinique—News (English): HP5A (11.70)
5:30 p.m.—Martinique—News (English): (9.705)
6 p.m.—Chungking, China—National Chinese program for North America: XGOY (15.20)
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 North America: RV96 (15.18) RKI (15.04) RNE (12) RAN (9.60)
6:30 p.m.—Budapest—Variety program from Hungary for North American listeners: HAT4 (9.125)
6:30 p.m. (ex. Sun.)—Winnipper—News (English):

(9.125)
(9.125)
(11.72)
(11.72)
(30 p.m. (ex. Sun.) — Winnipeg — News (English): (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; (7:15 p.m.) News (English): JLS2 (17.845)

7 p.m.—Pokyo—Program for eastern North America; (7:15 p.m.) News (English): JLS2 (17.845)
7:15 p.m.—Rome—"American Hour" for listeners in North America: 2R08 (17.82) 2R04 (11.81) 2R04 (15.23) 2R015 (11.76) 2R03 (9.63)
8 p.m.—Belgrade—Program for Jugoslav listeners in the United States: YUG (15.24)
8:30 p.m.—London—Radio Newsreel for North American listeners: GSD (11.75)
11 p.m. (ex. Sun.—Paris—Nazi-sponsored variety program: (9.52)

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

HE "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. A year later in July of 1926, a sister station, W2XAD (now WGEA), began operations from the same transmitting site. To fulfill the need for satisfactory reception of North American programs in the Orient, a third in-ternational station, KGEI, was officially inaugurated in San Francisco, in March of 1939.

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. WGEO's transmitter output of approximately 100,000 watts gives it the distinction of being the world's most powerful short-wave station. WGEA at present has an output power of about 25,000 watts but this is to be increased soon to 50,000 watts. KGEI of San Francisco will also have its power upped from 20,000 to 50,000 watts in the near

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).

The most popular single program broadcast over the Schenectady international stations at present is the Salute to the Byrd Expedition' broadcast which is directed to the members of the Byrd Expedition at Antarctica, alternate Friday nights at 9:30 p.m. CST (the next will be on Sept. 13), over WGEO (9.53).

Listeners can often hear the Antarctic Station KRTK on one of the following frequencies: 12.862, 11.06 or 9.135 megs. 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 staheard 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 (9.52)

Popular network features aired 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 Stand-

WEEKDAYS Breakfast Club: WGEA 9:30 a.m.—Frank and Home Hour:
WGEA (15.33)
2:00 p.m.—Club Matinee: WGEA (15.33) WGEO (9.53)

SATURDAYS

SATURDATA
7:00 p.m.—Barn Dance: WGLO
7:00 p.m.—Barn Dance: WGEO
(9.53)
3:30 p.m.—Voice of Hawaii: WGEA
(15.33)
5:00 p.m.—Jack Benny: WGEO (9.53)
Off air at present.
6:00 p.m.—Charlie McCarthy: WGEO
(9.53). Off air at present.
8:00 p.m.—Hour of Charm: WGEO
(9.53)

MONDAYS
3:30 p.m.—Travelogue of U. S.: WGEA
(15.33). Not on network.
7:30 p.m.—Alec Templeton: WGEO
(9.53). Off air at present.
8:30 p.m.—Burns and Allen: WGEO
(9.53)

ESDAYS
7:30 p.m.—Fibber McGee: WGEO
(9.53), Off air at present.
8:00 p.m.—Bob Hope program: WGEO
(9.53), Off air at present.
8:30 p.m.—Dog House: WGEO (9.53)

WEDNESDAYS
7:05 p.m.—Fred Allen Show: WGEO
(9.53). Off air at present.
8:00 p.m.—Kay Kyser: WGEO (9.53)

8:00 p.m.—Ray Rys
THURSDAYS
2:00 p.m.—Science Forum: WGEA
(15.33) WGEO (9.53)
Not on network.
7:05 p.m.—Bing Crosby: WGEO (9.53)
8:00 p.m.—Rudy Vallee Show: WGEO
(9.53)

FRIDAYS 8:00 p.m.—Don Ameche Show: 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-

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

For programs broadcast daily see Daily Programs (Col. 1)
3 p.m.—Lims, Peru—Program of Peru Automobile
Club for North American listeners: OAX4B
(15.15)

8:30 p.m.—Berlin—Charley's Cabaret: DJD (11.77) DJL (15.11)
10 p.m.—Guatemala—Dance music by National

Police Force Marimba Band: TGWA (9.685) 11:20 p.m.—Tokyo—Life on the Mike: JZJ (11.80)

Sunday, September 1

2:30 p.m.—Guatemala—Military music: TGWA (15.17)
4:25 p.m.—London—The Week's Programs: GSD (11.75) GSP (15.31)
6:15 p.m.—Guatemala—First Military Band Concert: TGWA (9.685)
7:30 p.m.—Berlin—English talk by Lord Haw

Important Stations

(Megacycles or thousands of kilocycles shown)

| CJEX | Canada | CSW7 | Portugal | 9.735 | TG2 | Guatemala | 6.195 |
| DJB | Germany | 15.20 | TGWA | Guatemala | 9.65 |
| DJB | Jin | Ji JZJ. 13,16

JZK. 16,16

KGEI. San Franciaco. Calif. 9.53, 9.67, 15.33

KHE. Hawaii 17.97

KIO. 11.68

LKV. Norway 15.17

MTCY. Manchukuo 11.78

RV96. 6.03, 15.18

SBT. Sweden 15.155

ZAP. Turkey 9.465

Haw: DJL (15.11) DJD (11.77) 7:40 p.m.—Rome—Opera: 2RO8 (17.82) 2RO4 (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. T. II.

8:20 p.m.—Berlin—Talk by E. D. Ward: DJI. (15.11) DJD (11.77)

p.m.—Tokyo—Tokyo Broadcasting Orches ra: JZJ (11.80)

Tuesday, September 3

11:30 a.m.—New York City—Drama Time: WNB1 (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)

(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)

GSD (11.75)
8:20 p.m.—Berlin—Talk by E. D. Ward: DJD (11.77) DJL (15.11)
8:30 p.m.—Berlin—Charley's Cabaret: DJD (11.77) DJL (15.11)
9 p.m.—Gu a te m a la—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

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: DJD (11.77)
DJL (15.11)
10 p.m.—Guatemala—Marimba Ensembles of the

DJL (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

Friday, September 6

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

4:30 p.m.—B e r l in—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 sengs: JLS2 (17.845)

7:40 p.m.—R o m e—Request selections: ZRO8 (17.82) ZRO4 (11.81)

8:20 p.m.—Berlin—English talk by E. D. Ward:
DJL (15.11) DJD (14.77)

9 p.m.—Guatemala—Radio Theater, "Don Garcia del Castano": TGWA (9.685)

Daily	Mornin		
CST	CITY	STATION	DIAL
5:30 a.m.	Berlin	DJL	15.11
7:00 a.m.	London	GSV	17.81
7:15 a.m.	Berlin	DIL	15.11
8:30 a.m.	Amsterdam	PCJ	15.22
	-duning annual	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, Irela		17.84
Daily	Afterno	no	
12:00 noen	London	GSF	15.14
1:15 p.m.	Berlin	DIB	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	DIB	15.20
3:30 p.m.	Rome	2R04	11,81
A 145		2R08	17.82
3:45 p.m.	London	GSP	15.31
4:45 p.m.	London	GSD	11.75
5:00 p.m.	Berlin	DJZ	11.80
	Paris	Y	15.24
5:15 p.m.	Finland	OIE	15.19
Daily	Evening		
7:00 p.m.	Budapest	HAT4	9.125
7:00 p.m.	London	GSD	11.75
242		GSC	9.58
7:00 p.m.	Moscow	RV96	15.18
7:00 p.m.	Stockholm	SBT	15.155
7:15 p.m.	Berlin	DIL	15.11
	1204	DID	11.77 15.24
was and	Paris	٧	15.24
7:45 p.m.	London	GSC	9.58
0.30		GSD	11.75
8:30 p.m.	Moscow	RAN	9.60
8:45 p.m.	WALLES.	RNE	12.00
o as p.m.	Rome	2803	9,63
9:30 p.m.	Berlin	2RO4 DJD	11.77
3-20 hrui-	DEFINE	DXB	9.61
10:30 p.m.	London	GSC	9.58
11:00 p.m.	Berlin	DXB	9.61
12:15 a.m.	London	GSC	9.58
	20110011	GSD	11.75
12:30 a.m.	Rome	2R03	9.63
Tallet House	AND THE REAL PROPERTY.	2R06	15.30
		A-HIMW	T. Property

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

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

City Program Station

5 a.m.—Berlin—Variety program for North American listeners: DJL (15.11)
6:25 a.m.—Sydney—Broadcast for East Coast North American listeners: VLQ5 (9.68)
7:50 a.m. (ex. Mon.)—Thailand—News (English): HSP5 (11.715)

7:50 a.m. (ex. Mon.) — Thailand—News (English):
HSPS (11.715)
7:50 a.m. (ex. Sunday) — Melbourne—N.e.w.s (English): VLR (9.58)
8.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: BJB (15.20)
11:45 a.m.—Guatemala—Popular marinaba 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: 2RO8 (17.82) 2RO4 (11.81)
2:30 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)
3:30 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)
3:30 p.m.—Rowey—Nazi-aponsored English broadcast for North America: LKV (15.17)
3:30 p.m.—Rowe—Listener's Corner (English): 2RO8 (17.82) 2RO4 (11.81)

cast for North America: LKV (15.17)
3:30 p.m.—Rome—Listener's Corner (English):
2ROS (17.82) 2RO4 (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 castern North
America listeners: VLQ3 (15.315)
5:30 p.m.—Paramacibo, Dutch Guiana—Test programs for North American listeners: (11.838)
5:30 p.m.—P a n a m a—News (English): HP5A
(11.70)
6 p.m.—Moscow—News, talks and music from So-

(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 flungary 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 lis-teners in North America: SBT (15.155)
7 p.m.—Tokyo—Program for eastern North Amer-ica: JLS2 (17.845)

ica: JLS2 (17.895)
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": GSC (9.58) 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

AUSTRALIAN RADIO SUPPORTS THE EMPIRE

REAT BRITAIN'S cause is be-G ing 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 bandat 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 Com-

mission, 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 (9.681; 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 12:58 p.m.

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

to Western North America, over VLOS (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 English news bulletins will be broadcast 45, 7, 7:45 and 10:30 p.m. CST.

THE INDO-CHINA SITUATION: For firsthand English news bulletins from those coun-tries concerned in the critical Indo-China situatries 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 Salgon" (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 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 follow-ing 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 des-perate 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 (5.08)
12:55 a.m.—New York City—Philadoloh)

12:55 a.m.—New York City-Philadelphia—N (English): WCBX (6.12) WCAB (6.06)

Saturday, October 5

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

2:15 p.m.—New York City—Football, Duke vs. Tennessen: WCBX (17.83) 4:15 p.m.—Lima, Peru—Program of Peru Auto-mobile Club for North American listeners: OAX4R (15.155)

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

ı	(Managardan or	Showen	da of kilocycles sho	Tarent &
	CSW7, Portugal	9,735	TAP. Turkey TG2. Guatemala	9,500
	Dill. Germany	10,20	TO2. Quatemala	6.135
	DJD,	11.77	TGWA, 9.685.	10,17
	DJL	15.11	VLQ5, Australia	9,68
	DJB, Germany DJD, DJL, DJZ, DXB, EAQ, Spain	11,801	VLQ5, Australia VLR. VLW3.	3.05
	DAH.	0.61	VLWA.	9,660
	EAG, brain	9,80	WCAB, Philadelphi	Sec. on
	EIRE, Ireland	17,89	Pa. 0.06, 9.59, WCBX, New York	10.21
	Gran Lugiand	9.51	WUBE. New York	DIEF
	CED	9,25	21.57, 15.27	11,60
	UBD,	11.70	9.65, 6.11	" GITT
	Can W	25.19	WGEA, Schenectad	ETH RE
	0.017	27.12	WGEO, Schenectad	1, 3.05
	COT. II	21.97	M.O.T.D. SouthBectru	1 6 KG
	not w	10.26	Mr. A.	8103
	000	21:05	W.L.W.O. CIBCIDBRIL	ATT S PRINTED
	EIRE, Iroland GSB, England GSC, GSD, GSD, GSD, GSB, GSB, GSB, GSB, GSB, GSB, GSB, GSB	11.82	Ohio 21.65,	10.00
	near H	18.91	17.80, 9.59, 11.87	0.00
	GSP, "GSV, "HATS, Hungary	9.105	WNBL New York	12.25
	BBJ. Switzerland		11.89, 6.100. WPIT, Pittaburgh,	T (- K (2)
		12.46	21.54, 15.21, 11.8	7 8 54
	WESA PARAMET	12,70	3173 CA 35 3F CLA	9 87
	HPSA. Panama	11,70	WRCA, N. Y. City	9.01
	WWY Wastern Piter	22.78	WRUL-WRUW,	
١	HP5A, Panama HP50 HVJ, Vaticas City Indo-China	22-19	Boston, Mass. 15,25, 15,13,	11.70
ı	Indo-China JLS2, Japan JSJ, JZK,	11,78	10.20, 10.15,	
ı	TET	11,090	WOOF China	15.19
ı	T230 ++	11.00	XGOX, China XGOY, ' 9.625,	11.90
ı	RGEL San Francis	18:10		
١	Challe D. No. 0.407	7 5 7 7 7 7 7	VIIO Varioniavia	16 04
ı	Calif. 9,53, 9,67	72 62	abos Trale	0.63
۱	MALO TAR WHAT	17.00	SPOA "	11.81
ı	TWV Norman	75.77	TROE H	15.30
ı	RHE, Hawaii RIO, LRV, Norway MTCY, Manchukus	31.70	SEOS OF	17.89
	TO THE TO SERVE OF THE PARTY OF	15 19	272.00	9.62
	SRT Sunden	15 155	SEOIA !!	15.23
	RV86. 0.03. SBT, Sweden TAQ, Turkey	15 195	93001A 71	11.76
ı	PROPERTY AND PROPERTY.	40.490	Y, France YUG, Yugoslavia SRO3, Italy SRO4, " 2RO6, " RO8, " 2RO9, " SRO14, " SRO15, "	**120
ı				

view: DJD (11.77) Y (15.24)
7:45 p.m.—Lendon—Headline News by George Shortmille: 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.—Guatenials—Dance music by National Police Marimba Band: TGWA (9.585)
11:15 p.m.—Berlin—Program preview for Pacific Coast listeners: DXB (9.51) view: DJD (11.77) Y (15.24)

Sunday, October 6

for programs broadcast duity see Baily Programs 10st. 13 3:15 p.m.—Guatemala—Popular marimba music: TGWA (15.17) 7 p.m.—Guatemala—Orchestra of Maestro Jose Molinas Pinillos, with noted soloists: TGWA (10.685)

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. Mac-donell: GSD (11.75) GSC (9.58) 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

7:30 p.m.—Landon—"Britain Speaks," with Leslie Howard: GSD (11.75) GSC (9.58)
7:30 p.m.—Beelin 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 Baily 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—Heralin Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
7:45 p.m.—London—Healling News by George
Slocombe: GSD (11.75) GSC (9.58)

Wednesday, October 9

For programs broadcast daily see Baily Programs (Cot. 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. Macdonelli (SD (11.75) GSC (9.58)
8:20 p.m.—Berlin—Talk by E. D. Ward: DJD (11.77)

9 p.m.—Gustemals—O p e r a, "Falstaff"; TGWA (9.685)

Thursday, October 10

For programs proadcast daily see Daily see Seight 7:30 p.m.—L. on d on —"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 ass Bally Programs (Cat. 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)

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		
12:30 p.m.	Athlone, Ireland	d 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		
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
		DID	11.77
0.45	Paris	Y	15.24 9.58
8:45 p.m.	London	GSC GSD	11.75
9:30 p.m.	Moscow	RAN	9.60
2.30 p.m.	MOSCOM	RNE	12.00
9:45 p.m.	Rome	2R03	9.63
Santa binni	atomic.	2R04	11.81
10:30 p.m.	Berlin	DJD	11.77
		DXB	9.61
11:30 p.m.	London	GSC	9.58
12:00 mid.	Berlin	DXB	9.61
1:15 a.m.	London	GSC	9.58
2 22		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. City Program Station

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.—S y d n e y—Broadcast for East Coast North American listeners: VLQ5 (9.68)

8:50 a.m. (ex. Sun.)—Melbourne—N e w s (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: 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: ZRO8 (17.82) ZRO4 (11.81)

3:30 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)

4:30 p.m.—Ro m e—Listener's Corner (English): ZRO8 (17.82) ZRO4 (11.81)

4:50 p.m.—Berlin-Paris—Evening program for North America: LKV (15.77)

4:30 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 America: GSD (11.75) GSC (9.58)

6:10 p.m.—Pa n a m a—News (English): HP5A (11.70)

7 p.m.—Moscow—News, talks and music from Soviet Russia for North America: RV96 (15.18)

6:10 p.m.—Anerican listeners: VLQ3 (15.515)
6:30 p.m.—P an a m a—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 from 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)

gary for North American listeners: HA14 (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: 2RO6 (14.3) 2RO4 (11.81) 2RO3 (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 (12.462)

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

N 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

SUNDAYS

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.—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)
10:00 a.m.—San Francisco: KGEI (9.67)
10:00 a.m.—San Francisco: KGEI (9.67)
11:00 a.m.—N. Y. City: WCBX (17.83)
12:00 noon—N. Y. City: WCBX (17.83)
12:00 noon—N. Y. City: WCBX (17.83)
12:55 p.m.—Philadelphia: WCAB (15.27)
3:30 p.m.—N, Y. City: WCBX (17.83)
2:55 p.m.—Philadelphia: WCAB (15.27)
3:30 p.m.—Philadelphia: WCAB (15.27)
3:30 p.m.—Schenectady: H. V. Kaltenborn: WGEO (9.53)
7:00 p.m.—San Francisco: KGEI (15.33)
8:55 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.—San Francisco: KGEI (15.33)
10:45 p.m.—Schenectady: "Behind the News": WGEO (9.53)
11:00 p.m.—Schenectady: "Behind the News": WGEO (9.53)
11:00 p.m.—Cincinnati: Peter Grant: WLWO (9.59)
11:00 p.m.—San Francisco: KGEI (15.33)
11:00 p.m.—Schenectady: "Behind the News": WGEO (9.53)

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: WGEA (21.5)
8:00 a.m.—N. Y. City; News of Europe: WCBX (17.83)
8:15 a.m.—Cincinnati: Michael Hinn: WLWO (15.27)
9:00 a.m.—N. Y. City: WCBX (17.83)
9:00 a.m.—Schenectady: WGEA (21.5)
9:30 a.m.—San Francisco: KGEI (9.67)

10:00 a.m.—N. Y. City: WNBI (17.78) 10:15 a.m. (ex. Sat.)—N. Y. City: WCBX

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: WGEA (15.33)
1:55 p.m. (ex. Sat.)—Philadelphia: WCAB (15.27)
2:30 p.m. (Sat. only)—N. Y. City: WCBX (17.83)
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: 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 (17.80)
4:55 p.m.—(ex. Sat.)—Cincinnati — Elizabeth Bemis Speaks: WLWO (17.80)
4:55 p.m.—Schenectady: WGEO (9.53)
WGEA (15.33)
5:45 p.m.—Cincinnati: H. R. Gross: WLWO (15.27)
5:50 p.m. (ex. Sat.)—N. Y. City: WCBX (11.83)
6:00 p.m. (Sat. only)—N. Y. City: WCBX (11.83)
6:00 p.m. (Sat. only)—N. Y. City: WCBX (11.83)
6:15 p.m. (Mon., Wed. Fri.)—Philadelphia: WCAB (9.59)
6:15 p.m. (Mon., Wed. Fri.)—Philadelphia: WCAB (9.59)
6:25 p.m.—Schenectady: WGEO (9.53)
6:45 p.m.—Philadelphia: The World Today: WCAB (9.59)
6:45 p.m.—Philadelphia: The World Today: WCAB (9.59)
7:15 p.m.—Boston — Christian Science Monitor World News: WRUL (11.13, 6.04)
7:15 p.m.—Boston — Christian Science Monitor World News: WRUL (11.79, 6.04)
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)
10:00 p.m. (ex. Sat.)—Boston: Raymond Gram Swing: WRUL (11.73, 6.04)
7:45 p.m.—San Francisco: KGEI (9.67)
1:00 p.m.—New York City-Philadelphia: WCAB (6.06)
1:00 p.m.—Philadelphia: WCAB (6.06)
1:00 p.m.—Philadelphia: WCAB (6.06)
1:00 p.m.—Philadelphia: WCBX (6.06)
1:00 p.m.—San Francisco: KGEI (9.67)
1:00 p.m.—Philadelphia: WCBX (6.06)
1:00 a.m.—San Francisco: KGEI (9.67)
1:00 p.m.—Cincinnati: Peter Grant: WCBX (

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

(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.

GENERAL NEWS: An additional Chungking, China, station is now broadcasting daily from 8 to 10 a.m. EST, on a frequency of 9.72 megs . The program from Tokyo for listeners in eastern North America is now broadcast d from 8 to 9 p.m. EST over JZK (15.16).

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)

now broadcast as follows: 4:50 to 7 p.m. over DJZ (11.80); 7:15 to 11 p.m. over DJD

(11.72)

10 p.m.—New York City—English Hour, including international news (English): WRCA (9.67) WNB1 (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)

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 (Cot. 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

tuteRacketes of Fi	nousand	is of knocycles sno	WILL
CSW7, Portugal	9.735	TAP. Turkey	9.465
DJB, Germany DJD, '' DJL, '' DJZ, '' DXB, '' EAQ, Spain EIRE, Ireland	15.20	TAP, Turkey TG2, Guatemala	6.195
DJD. "	11.77	TGWA " 9.885	15.17
DJL, "	15.11	VLQ5, Australia	9.68
DJZ, " 1	1.801	VLR, "	9,58
DXB, "	9.61	VLQ5, Australia VLR. VLW3,	9.645
EAQ, Spain	9.86	WCAB, Philadelphi	a.
EIRE, Ireland	17.84	Pa. 6.06, 9.59,	15.27
GSB, England	9.51	WCBX, New York (lity
GSC, 3	9.58	21.57, 15.27.	11,83,
GSB, England GSC, " GSB, Capland GSC, " GSD, " GSF, " GSG, " GSH, " GSI, " GSJ, " GSN, " GSN, " GSN, " GSV, "	11.75	9,65, 6,17	. 6.12
GSF. "	15.14	WGEA, Schenectad;	y .
GSG, "	17.79	N. Y. 21.50, 15.33	. 9.55
GSH. "	21.47	WGEO, Schenectady	7.
GSI. "	15.26	WGEO, Schenectady N. Y.	9.53
GSJ. "	21.58	WT.WO Cincinnati	
GSN, "	11.82	Ohio 21.65.	15,27.
GSP. **	15.31	17.80, 9.59, 11.87	6.06
GSV. "	17.81	Ohio 21.65. 17.80, 9.59, 11.87 WNBI, New York C	ity
HAT4, Hungary	9.125	11.89, 6.100,	17.78
HBJ. Switzerland 1	4.535	WPIT, Pittsburgh,	Pa.
	12.46	21.54, 15.21, 11.87	6.14
	11.70	WRCA, N. Y. City	9.67
HP5G, "	11.78	WRUL-WRUW,	
HVJ. Vatican City	11.74	Boston, Mass.	
Indo-China	11.78	15.25, 15.13.	11.79.
JLS2, Japan 1	7.845	11.73	6.04
Indo-China JLS2, Japan 1 JSJ, JZK, ''	11.80	XGOX, China	15.19
JZK. "	15.16	XGOY. " 9.625,	11.90
KGEI, San Francisc		XGOX, China XGOY, '' 9.625, Y. France	15.24
Calif. 9.53 9.67	15.33	YUG, Yugoslavia	15.24
KHE, Hawaii	17.97	2RO3, Italy	9.63
KIO, "	11.68	2RO4, "	11.81
KHE, Hawaii KIO.	15.17	2R06, "	15.30
MTCY, Manchukuo	11.78	2RO8, "	17.82
RV96. " 6.03.	15.18	2RO9, "	9.67
SBT, Sweden 1	5.155	2R014, "	15,23
SBT, Sweden 1 TAQ, Turkey 1	5.195	Y. France 2R03, Italy 2R04, " 2R06, " 2R08, " 2R09, " 2R014, " 2R015, "	11.76
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74.70 to 10 10 10 10 10 10 10 10 10 10 10 10 10	41 710	On the Contract	44.00

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: 2RO4 (11.81) 2RO3

8:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58) 10 p.m.—Guatemala—Symphonic Concert: TGWA 10 p.m.—Gu. (9.685)

Monday, October 14

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.—Tok yo—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.—To k y o—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

Wednesday, October 10

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 Paily Programs (Col. 1)
8:30 p.m.—L on d on — "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

Friday, October 18

For programs broadcast daily see Daily Programs (Cot. 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)

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
	S. S	PCV	18.065
10:40 a.m.	Rome	2R08	17.82
11:00 a.m.	London	GST	21.55
11:15 a.m.	Berlin	DIB	15.20
Daily	Afternoon		
12:15 p.m.	Berlin	DJB	15.20
12:30 p.m.	Athione, Ireland		17.84
1:00 p.m.	London	GSF	15.14
2:15 p.m.	Berlin	DJB	15.20
3:30 p.m.	Berlin	D1B	15.20
3:45 p.m.	London	GSD	11.75
4:15 p.m.	Berlin	DJB	15.20
4:30 p.m.	Rome	2R04	11.81
- 45	From Section 1	2R08	17.82
5:45 p.m.	London	GSD	11.75
Daily	Evening		
6:00 p.m.	Berlin	DID	11.77
	Paris	Y	9.52
6:15 p.m.	Finland	OIE	15.19
8:00 p.m.	Budapest	HAT4	9.125
8:00 p.m.	London	GSD	11.75
0.00		GSC	9.58
8:00 p.m.	Moscow	RV96	15.18
8:00 p.m.	Stockholm	SBT	15.155
8:15 p.m.	Berlin	DID	11.77
0.45	Paris	Y	9.52 9.58
8:45 p.m.	London	GSC	11.75
9:30 p.m.	Moscow	RAN	9.60
9:50 p.m.	MOSCOM	RNE	12.00
9:45 p.m.	Rome	2R03	9.63
2.12 p.m.	Nome	2R04	11.81
10:30 p.m.	Berlin	DJD	11.77
ro so piin	Paris	Y	9.52
11:30 p.m.	London	GSC	9.58
	-3100300	GSL	6.11
12:00 mid.	Paris	Y	9.52
12:00 mia.	Berlin	DXB	9.61
1:15 a.m.	London	GSC	9.58
1:30 a.m.	Rome	2R03	9.63
		2R06	15.30

Daily Programs, Sat., Oct. 26, through Fri., Nov. 1

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

City Program Station

EST City Program Station

6 a.m.—Berlin—Variety program for North American listeners: DJL (15.11)

7 a.m.—Tokyo—Japanese program for Asia and South Seas: JZJ (11.80)

7:25 a.m.—Sy d ne y—Broadcast for East Coast North American listeners: VLQ5 (9.68)

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.—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—Variety program for North America: DJB (15.20)

12:45 p.m.—Berlin—English news for North America: DJB (15.20)

12:45 p.m.—Berlin—English talk about the war situation: DJB (15.20)

2:45 p.m. (ex. Sat., Sun.)—Editorial Opinion Digest (English): WRUL (11.79, 15.25)

3 p.m.—Rome—Evening concert, with English announcements: 2RO8 (17.82) 2RO4 (11.81)

3:30 p.m.—Berlin—Lord Haw Haw's propaganda talk in English: DJB (15.20)

4:30 p.m.—Berlin—Paris—Evening program for North America: LKV (15.17)

4:50 p.m.—Pan am am—News (English): HP5A (11.70)

7 p.m.—Moscow—News, talks and music from Soviet Russia for North America: RV96 (15.18)

(11.76)

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 from Portugal for North American listeners: CSW7 (9.74)

7:15 p.m.—London—"Canada Calls from London": GSD (11.75) GSC (9.58)

7:30 p.m.—Winnipeg—News (English): CJRX (11.72)

7:30 p.m.—V (11.72)

8 p.m.—London—News commentary: GSD (11.75) GSC (9.58) 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)

ica: JZŘ (15.16)

8:05 p.m.—Rome—"American Hour" for listeners in North America: 2RO6 (15.3) 2RO4 (11.81) 2RO3 (9.63)

8:15 p.m.—London—"Starlight": Variety by topnotch British artists: GSD (11.75) GSC (9.58)

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)
9:30 p.m.—Moscow—English program for North
America: RNE (12) RV96 (15.18) RAN (9.60)
10 p.m.—London—Talk, "Within the Fortress":
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

WORLD RADIO UNIVERSITY STATION WRUL USHERS IN ITS FALL SEASON

N THESE troubled days, when propaganda 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. Broadcasts made over the twin 50,000-watt transmitters of this station are devoted entirely to culture, education and the festering of international good-will. Good music, interesting lectures, sports commentaries, good-will programs and unprejudiced newscasts are regular features of WRUL, which has en-thusiastic listeners throughout the world, including countless numbers right here in the United States and Canada, since a unique aerial system provides good reception in North America as well as in foreign lands. There are no commercial programs or commercial announcements on this station.

The program highlights of WRUL, which just recently inaugurated its fall season of educational broadcasts, are as follows (time is

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
Digest of Current American

2:30 p.m.—News and Readings in Basic English
2:45 p.m.—Digest of Current American Editorial Opinions (English)
3:00 p.m.—Same—Italian Edition
3:15 p.m.—Same—French Edition
3:30 p.m.—World News, based on dispatches in the Christian Science Monitor
3:45 p.m.—Inspirational Period and Listener Letter Box
4:00 p.m.—Priendship Bridge—to encourage and hearten friends across the sea
4:15 p.m.—Musical Moments
4:30 p.m.—Norwegian Goodwill Program

5:00 p.m.—Symphonic Hour WRUL (6.04 or 11.79) 6:00 p.m.—Czechoslovak Goodwill Pro-

6:30 p.m.—Music for the Dinner Hour from the Copley-Plaza Hotel in Boston, Mass.

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
9:00 p.m.—(Mondays) National Defense Period. Morse Code Practise (Tuesdays) Harvard University Series
(Wednesdays) World Affairs Round Table (Thursdays) Understanding Music Course.
(Fridays) Brown University Series

9:15 p.m.—(Mondays) Modern Radio 9:30 p.m.—(Fridays) Lessons in Span-

9:30 p.m.—(Fridays) Lessons in Spanish
9:45 p.m.—(Mon., Wed., Fri.) Special Democracy Series (Tuesdays) Music (Thursdays) Wake Up., America!
10:00 p.m.—English News Analysis by Raymond Gram Swing
10:15 p.m.—Music SATURDAYS
WRUL (11.79 or 15 25)
1:45 p.m.—Yale Bowl Football Game 4:30 p.m.—Norwegian Goodwill Program

4:30 p.m.—Norwegian Goodwill Program

WRUL (6.04 or 11.79)
6:09 p.m.—World Wide Stamp Club
6:15 p.m.—Looking Starward—Astronomy for the Layman presented by Harvard College Observatory
6:30 p.m.—Music for the Dinner Hour from the Copley-Plaza Hotel in Boston, Mass.
7:00 p.m.—World Youth Program (Alternate Saturdays)
7:15 p.m.—World News—from the Christian Science Monitor
7:30 p.m.—America Looks at World Affairs
8:00 p.m.—Czechoslovak Goodwill Program

gram SUNDAYS

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
Jugoslav Goodwill Program
3:00 p.m.—Organ Recital
4:00 p.m.—American Missions Abroad
4:30 p.m.—Norwegian Goodwill Program

5:00 p.m.—Inter-Denominational Devo-

5:30 p.m.—Living Literature, conducted by Prof. J. C. Scammell, Boston University 6:00 p.m.—In the College President's Study 6:30 p.m.—Music, half-hours with the

7:00 p.m. (irreg.)—Chimes and Evening Service, The First Church of Christ, Scientist, Boston

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. The opening announcements—all announcements are in French—is "Allo, Allo, Ici Radio . . . Hitler's evening broadcasts to North America are now broadcast as follows: From 4:50 to 11 p.m. over DJD (11.77) of Berlin, and from 4:50 p.m. to 1 a.m. EST over Y (9.52) of Paris, France. DZD (10.543) of Berlin, carries the Nazi broadcasts irregularly . . . HBL (9.345) of Geneva, Switzerland, has been heard from 6:30 to 7 p.m. EST, testing and relaying program material from Roumania

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)
10:45 p.m.—New York Cité. Philadelphia

GSL (6.11)
10:45 p.m. (ex. Sun.)—New York City-Philadelphia
—News of the War: WCBX (11.83)
11:15 p.m.—London—"Britain Speaks": GSC (9.58) GSL (6.11)
11:30 p.m.—Ankara, Turkey—Turkish variety program: TAQ (15.195)

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 new equipment and increasing the power of the transmitter to 50,000 watts. The station is scheduled to take the air again early in November . . Edward DeBaecke of Phila-delphia, Pennsylvania, reports that CSW7 (9.74) of Lisbon, Portugal, broadcasts an English program Tuesdays, Wednesdays and Saturdays, from 8:40 to 9:05 p.m. EST . . . According to Edwar Cook of Los Appeles According to Edgar Cook of Los Angeles, WGEA of Schenectady is conducting nightly tests from 10 to 10:30 p.m. EST, on a new frequency of 6.19 megs. Reports are requested,

Saturday, October 26

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)

Harvard: WCAB (15.27)
2:45 p.m.—Cincinnati—Football, Wisconsin vs.
Purdue: WLWO (17.80)
8:30 p.m.—Tokyo—Nagauta music: JZK (15.16)
8:45 p.m.—London—Headline News, by George Slocombe: GSD (11.75) GSC (9.58)

Important Stations

9.735 SBT. Sweden 15.155
16.20 TAP, Turkey 9.465
6.02 TAQ, 15.199
11.77 TG2. Guatemala 6.195
15.11 TGWA, 9.685, 15.17
11.801 VLQ5. Australia 9.68
9.61 VLR. 9.685, 15.17
11.801 VLQ5. Australia 9.68
9.62 VLW3, 9.685
17.84 WCAB, Philadelphia, 9.645
17.84 WCAB, Philadelphia, 9.65
11.75 Pa. 6.06, 9.59, 15.27
17.79 WCEX. New York City
11.75 WGEO, Schenectady, N. Y. 21.50, 15.33, 9.55
15.26 WGEO, Schenectady, 9.636
11.82 Ohio 21.65, 15.27, 17.80, 9.59, 11.87, 6.06
21.55 WNBI, New York City
17.81 Ohio 21.65, 15.27, 17.89, 9.59, 11.87, 6.09
21.55 WNBI, New York City
11.89, 6.100, 17.78
9.125 WRILL, New York City
11.89, 6.100, 17.78
9.125 WRUL, WRUW, 11.89, 6.100, 17.78
9.126 WRUL, WRUW, WRUL, WRU (Megacycles or thousands of kilocycles shown)
CSW7. Portugal 9.735 SBT. Sweden 15.1
DJB, Germany 16.20 TAP, Turkey 9.4 DJE, Germand DJC.
DJD.
DJD.
DJL.
DJZ.
DXB.
EAQ. Spain
EIRE, Ireland
GSB. England
GSC. GSV. " 17.81
HAT4. Hungary
HBI. Switzerland 14.536
HBL. 9.125
HBL. 9.535
HBL. 1.402
HP5A. Panama 11.70
HP5G. " 11.78
HVJ. Vatican City 11.74
Indo-China 11.78 XGOX. China 15.19 XGOY. '9.625, 11.90 Y. France 9.52 YUG. Yugoslavia 15.24 2RO3, 1taly 9.63 2RO4 11.81 2RO6, '15.30 2RO8, '17.82 2RO9, 9.67 2RO14 15.20 11.80 JZK. '15.16 YUG, Y KGEI, San Francisco, 2RO3, I Calif. 9.53. 9.67, 15.33 2RO4, K'IE, Hawaii 17.97 2RO6, KIO. '11.68 2RO8, IKV. Norway 15.17 2RO9, MTCY, Manchukuo 11.78 2RO14, RV96. '6.03, 15.18 2RO15,

10 p.m.—New York City—NBC Symphony Orchestra, with Toscanini conducting: WRCA (9.67) WNBI (11.89)

Sunday, October 27

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)
8:40 p.m.—Rome—Opera: 2RO4 (11.81) 2RO3 (9.63)

10 p.m.—London—"Within the Fortress," Sir Hugh Walpole: GSD (11.75) GSC (9.58) GSL (6.11) 10 p.m.—Guatemala—The Exquisite Hour: TGWA (9.685)

Monday, October 28

For programs broadcast daily see Daily Programs (Col. 1) 8:30 p.m.—London—"Britain Speaks," with Les-lie Howard: GSD (11.75) GSC (9.58) 8:45 p.m.—London—Headline News, by Vernon Bartlett: GSD (11.75) GSC (9.58)

Bartlett: GSD (11.75) GSC (9.58)
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: GSC (9.58) GSD (11.75) GSL (6.11)
12:20 a.m.—Tokyo—Tokyo Broadcasting Orches
tra: JZJ (11.80)

Tuesday, October 29

For programs broadcast daily see Daily Programs (Cot. 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: DJD (11.77) Y (9.52)
8:30 p.m.—L. on d on —"Britain Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by George
Slocombe: GSD (11.75) GSC (9.58)
10 p.m.—London—"Within the Fortress," Clemence
Dane: GSC (9.58) GSL (6.11) GSD (11.75)

Wednesday, October 30

For programs broadcast daily see Daily Programs (Col. 1) 4 p.m,—London—"I've Seen This Week": GSD

8:30 p.m.—London—"Britain Speaks 8:30 p.m.—London—"Britain Speaks," Sir Philip Joubert: GSD (11.75) GSC (9.58) 8:45 p.m.—London—"Headline News," by A. G. Macdonell: GSD (11.75) GSC (9.58) 9:30 p.m.—Berlin—Charley's Cabaret: DJD

(11.77)

10 p.m.—London—"Within the Fortress," Ronald Cross: GSD (11.75) GSC (9.58) GSL (6.11)

10 p.m.—Guatemala—Opera, "Rigoletto": TGWA (9.685)

Thursday, October 31

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

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)
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 (9.52)
10:50 p.m.—Berlin-Paris—Jim and Johnny: DJD (11.77) Y (9.52)

Friday, November 1

programs broadcast daily see Daily Pro

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: DJD (11.77) Y (9.52)
8:30 p.m.—London—"Britain Speaks," Hon. David
Bowes Lyon: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by A. C.
Macdonell: GSD (11.75) GSC (9.58)
9:20 p.m.—Berlin-Paris—English talk by E. D.
Ward: DJD (11.77) Y (9.52)
10 p.m.—G u at e m a l a—Radio Theater: TGWA
(9.685)

	ean News I	n engus	in.
Dally	Morning		
EST	CITY	STATION	DIAL
6:30 a.m.	Berlin	DJB	15.20
8:00 a.m.	London	GSV	17.81
8:30 a.m.	Berlin	DJB	15.20
8:30 a.m.	Rome	2R08	15,20 17.82
9:30 a.m.	Amsterdam	PCJ	15.22
10.00		PCV	18,067
10:45 a.m.	Rome	2R08	17.82
11:00 a.m. 11:30 a.m.	London	GST DJB	21.55
	Berlin		12:40
Daily	Afternoon		
12:30 p.m.	Athlone, Ireland	EIRE	17.84
12:30 p.m.	Berlin	DJB	15.20
1:00 p.m.	London	GSF	15.14
1:30 p.m.	Berlin	DJB	15.20
1:50 p.m.	Rome	2R06	15.30 11.80
3:30 p.m.	Berlin	DJZ	15.30
3:30 p.m.	Rome	2R06 2R04	11.81
3:45 p.m.	London	GSD	11.75
4:30 p.m.	Berlin	DZD	10.543
5:30 p.m.	Berlin	DXM	7.27
A 120 Butter	Mari IIII	DZD	10,543
5:30 p.m.	Rome	2R04	11.81
5:45 p.m.	London	GSD	11.75
Daily	Evening		
6:00 p.m.	Berlin	DJD	11.77
O'00 billi	o e i i i i	DZD	10.54
	Paris	Y	9.52
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
	Tax Control of		9.52
8:00 p.m.	Stockholm	SBT	10,100
8:15 p.m.	Berlin	DID	11.77
	Paris	DZO.	9.52
8:45 p.m.	London	GSC	9.58
0.45 p.m.	London	G5D	11.75
9:30 p.m.	Mascow	RAN	9.60
Sand Kum.	moscon	RV96	9.52
9:45 p.m.	Rome	2R03	9.63
		2R04	11.81
10:30 p.m.	Berlin	DID	11.77
		DZD	10.54
		DIC	6.02
22 42	Paris	Y	9.52
11:30 p.m.	London	GSC	9,58
12 22 12	W. 10	GSL	6.11
12:00 mid.	Berlin	DIC	6.02 9.58
1:15 a.m. 1:30 a.m.	London Rome	GSC 2RO3	9.63
1 to a.m.	Kome	2R06	15.30
		21100	1000

Daily Programs, Sat., Nov. 30, through Fri., Dec. 6

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

EST	City	Program	Station
	: (7:45	Java-Programam.) News (1	

7:25 a.m.—Syduey—Broadcast for east coast North American disteners: VLQ5 (9.68) 8:25 a.m.—Tokyo—News (English): JZJ (11.80) JZI (9.535)

8:25 a.m.—Tokyo—News (English); JZJ (11.80)
JZI (9.535)

9 a.m.—Chungking, China—Chinese National program for North America: NGOY (9.63)

10:25 a.m.—Sydney—Broadcast for Pacific Coast; (10:30 a.m.) News (English); VLQ5 (9.68)

12:45 p.m.—Guatemala—Popular marimba music for North America: TGWA (15.17)

2 p.m.—Leopoldville, Belgian Congo—News and native music (French): OPM (10.14)

2:15 p.m. (ex. Sat., Sun.)—News reading in basic English; WLWO (15.25, 11.79)

3 p.m.—Rome—Evening concert with English announcements: 2RO8 (17.82) 2RO4 (11.81)

3 p.m.—Dakar, Senegal—African program for supporters of Vichy government: (9.405)

4:30 & 5:30 p.m.—Berlin—Propaganda talk in English by Lord Haw Haw; DZD (10.543)

5:42 p.m.—London—Daily broadcast for United States and Canada; GSD (11.75) GSC (9.58)

6:10 p.m.—Sydney—Broadcast for eastern North America: VLQ5 (9.58)

6:30 p.m.—P a n a m a—News (English): HP5A (11.70)

7 p.m.—Moscow—News, talks and music from Soviet Pussia for North America: PLY06 (15.18)

(11.70)
7 p.m.—Moscow—News, talks and music from Soviet Russia for North America: RV96 (15.18)
7 p.m.—Panama—George Williams' English "Radio Newspaper": HP5G (11.78)
7:15 p.m. (ex. Sun.)—London—"Canada Calls from London": GSD (11.75) GSC (9.58)
7:30 p.m.—Berlin-Paris—"Today in Germany" (Sound Pictures): DJD (11.77) DZD (10.543)
7:30 p.m.—Budapest—Variety program from Hungary for North American listeners: HAT4 (9.125)
8 p.m.—Tokyo—Program for eastern North American

gary for North American listeners: HAT4 (9.125)

8 p.m.—Tokyo—Program for eastern North America: JLG4 (15.105) JVZ (11.815)

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

8:15 p.m.—London—Starlight: Variety by topnoteh British artists: GSD (11.75) GSC (9.58)

8:30 p.m.—London—Talk, "Britain Speaks": GSD (11.75) GSC (9.58)

9 p.m.—Quito, E c u a d o r—"Friendship Hour": HCJB (12.46)

9:30 p.m.—Moscow—English program for North America: RV96 (9.52) RAN (9.50)

9:45 p.m.—London—Tonight We Present": Celebrities of stage, screen and concert hall: GSD (11.75) GSC (9.58)

10 p.m.—London—Talk, "Within the Fortress": GSD (11.75) 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

VOICES OF THE GERMAN SHORT-WAVE STATION

BERLIN now broadcasts to North America according to the fol-lowing schedule (time is Eastern Standard)

6:00 to 9:00 a.m. DJB 15.20 11:30 to 11:45 a.m. DJB 15:20 12:30 to 12:45 p.m. DJB 15:20 1:30 to 1:45 p.m. DJB 15:20 3:30 to 4:00 p.m. DJZ 11:80 4:30 to 4:45 p.m. DZD 10:54 5:30 to 5:45 p.m. DZD 10.54

4:50 to 11:00 p.m. DJD 11.77 4:50 to 11:00 p.m. Y 6:15 to 11:00 p.m. DZD 10.54 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), p.m. over DJD (11.77), Y 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 infor-mation 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.

DR. OTTO KOISCHWITZ, usually introduced by his initials as O. K.," was a former member of "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 FRITSCHE, 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, Jugoslavia 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

11:15 p.m.—London — "Britain Speaks": GSD (11.75) GSC (9.58) GSL (6.11) 12 mld.—Tokyo—Psogram for western Unifed States and Canada listeners: JZI (9.535)

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

(Magneyoles or	thousan	da of hilocycles show RAN, U.S.S.R. RY96. SET. Sweden 2 TAP, Turkey 1.7 TO wA, Guatemala YLQ5. Australis VLR. "VLW1. WCAB Philadelphis Pa. 6.06, 9.59, WCBX, New York C 17.83, 15.27, 6.17, 11.83 WGEA, Schemestady N. Y. 21.50, 15.33 WGEO, Schemestady N. Y. WLWO, Cincinnati, Ohio 15.25, WNHI, New York C 11.89, 8.100, WPIT, Pittsburgh, 1 21.54, 15.21, 11.87	on)
CSW7. Portural	9.735	RAN. U.S.S.R.	9.60
DJB, Germany	15.20	RV96. " 6.03.	15.18
DJC,	6,02	SBT Sweden 1	5,155
DJD.	11.77	TAP, Turkey	9,460
DJL. "	-15.11	TAQ, 1	5:196
DJZ,	11.801	TOWA, Guatamala	
DXB. "	9.61	VLQ5, Australia VLR. VLW3, WCAB, Philadelphia	15.13
DZD. "	10.540	VLQ5, Australia	9.68
EAQ. Spain	9,86	VLR.	9.58
EIRE, Ireland	17.84	VLWI,	9.6%
OKY England	9.00	WUAB Philadelphia	-
USB,	8.51	Pa. 6.06, 9.59,	15.2
GBU, T	8.08	WUBE, New York	11TY
TOTAL TE	11-70	17.83, 15.27,	3,00
DEEL ST	11.00	WAY, 11,80	0.42
035	20.29	WULA, Schenectedy	
new	47.47	WOFO Schoolstan	9.00
CST H	75.90	word, benenectany	0.30
GSY. ++	01.60	WIWO Cincinnati	11/90
GST. At	8.11	WLWO Cincinnati, Ohio 15.25	7 90
Dilling an	11.00	11 71 6 55	0.01
DSP. **	15.91	WNHI Mem Vork C	(4-w)
GST "	91.55	11.89 6 100	37.75
OSV. "	17.81	WPIT Pittsburgh 1	26
HAT4. Hungary	9.125	21.54, 15.21, 11.87	45.24
HAT4. Hungary HBJ, Switzerland HBL.	14.535	WRCA, N. Y. City	9.67
HBL.	9.635	WRUL-WRUW,	
HBO. "	11.402	Gastan Man.	
HCJB, Ecuador	18:46	Boston, Mass. 17.75, 15.35, 1	15.25
HP5A, Panama	11.70	15.13, 11.79,	11.73
HP5G.	11.78		6.04
HCJB, Ecuador HP5A, Panama HP5G, HVJ, Vatican City Indo-China	11.74	XGOX, China XGOX, 9.628.	15.19
Indo-China	11.78	XGOY. " 9.628.	11.90
JLGH, Japan	15.100	Y. France	9.51
JVZ,	11.815	YUG, Jugoslavia	15,29
1.2.1	11.80	2HOS, Italy	9.63
TOTAL IN	9.538	2RO4, "	11.81
Indo-Chins JLGH, Japan JVZ, IZJ, JZI, JZI, VOFT SAN PARAMI	10.10	2HO6, "	15.30
KOEL San Francis Calti'. 8.67 LKV. Norway MTCY. Manchukuo	100	Y. France YUG, Jugoslavia 3ROM, Italy 2RO4, " 2RO6, " 2RO8, " 2RO9, " 2RO14, " 2RO15, "	17.85
F 17 17 35 19 19 19 19 19 19 19 19 19 19 19 19 19	40.33	SKON	9:67
METERS METERS	10:17	2KU14.	10.2
MTCY Manchukuo	AA. FB	EROID.	44.45

teur DX transmissions for North American listeners: J8C1 (28.14)

Sunday, December 1

Sunday, December 1

Por programs hemoteast daily are Dairy Programs (Cot. 1)

12:45 p.m.—Guatemale—Requests programs 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—Enclish talk by Lord Haw Haw: DJD (11.77) Y (9.52)

8:30 p.m.—Lord of a m-"Britain Speaks," J. B. Priestley: GSD (11.75) GSC (9.58)

9 p.m.—Berlin Paris—Talk by Rear Admiral Lutzow: 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

Nonday, December Z

Post programs trondcast 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—Hoadline 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-Paria—English talk by E. D. Wardt 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—Enelish talk by Lord
Haw Haw: DJD (11.77) Y (9.52)
8:30 p.m.—London—"Britain Spenks," 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 (Cot. 2) 4 p.m.—London—"T'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 Jouhert: 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.—But dapest—Communications of the
World Association of Hungarians; News in
English: HAT4 (9.125)
8:30 p.m.—London—"Britain Speaks" J. R.

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

Friday, December 6

For programs areadcast daily see Daily Programs (Cot. 1)

5:30 p.m.—Berlin-Paris—Advance program gotices: 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)

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Daily	Morning		
EST	CITY	STATION	DIAL
6:30 a.m.	Berlin	DJB	15.20
8:00 a.m.	London	GSV	17.81
8:30 a.m.	Berlin	DJB	15.20
8:30 a.m.	Rome	2R08	17.82
9:30 a.m.	Amsterdam	PCJ	15.22
e to a mini	Panisaci delli	PCV	18,065
10:45 a.m.	Rome	2R08	17.82
11:00 a.m.	London	GSV	17.81
11:30 a.m.	Berlin	DJB	15.20
Daily	Afternoon		
12:30 p.m.	Athlone, Ireland	EIRE	17.84
12:30 p.m.	Berlin	DJB	15.20
1:00 p.m.	London	GSF	15.14
1:30 p.m.	Berlin	DIB	15.20
1:50 p.m.	Rome	2R06	15.30
3:30 p.m.	Berlin	DJZ	11.80
3:30 p.m.	Rome	2R06	15.30
2-20 brus	trattie	2R04	11.81
3:45 p.m.	London	GSD	11.75
4:30 p.m.	Berlin	DZD	10.543
5:30 p.m.	Berlin	DXM	7.27
2:30 p.m.	Dernin	DZD	10.543
5:30 p.m.	Rome	ZR04	11.81
5:45 p.m.	London	GSD	11.75
Dally	Evening		
6:00 p.m.		DID	11.77
6:15 p.m.	Berlin		15.19
7:00 p.m.	Finland	OIE RV96	9.52
8:00 p.m.	Moscow	HAT4	9,125
8:00 p.m.	Budapest	GSD	11.75
0:00 p.m.	London	GSC	9.58
8:00 p.m.	Stockholm	SBT	15.155
8:15 p.m.	Berlin	DID	11.77
0.45		DZD	10.54
8:45 p.m.	London	GSC	9.58
9:30 p.m.	Moscow	RAN	9.60
2 :20 h.m.	MOSCOW	RV96	9.52
10:15 p.m.	Rome	2R03	9.63
		2R04	11.81
10:30 p.m.	Berlin	DID	11.77
		DZD	10.54
11 20	Tall In	DIC	6.02
11:30 p.m.	London	GSC	9.58
17.00 -14	D	GSL	6.11
12:00 mid.	Berlin	DIC	6.02
1:15 a.m.	London	GSC	9.58
1:30 a.m.	Rome	2R03 2R06	9.63
		2800	15.30

Daily Programs, Sat., Dec. 14, through Fri., Dec. 20

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

EST City Program Station
7:20 a.m.—Sydney—Broadcast for East Coast
North American listeners: VLQ5 (9.68)
8:25 a.m.—Tokyo—News (English): JZJ (11.80)
JZI (9.535)
9 a.m.—Chungking, China—Chinese National program for North America: XGOY (9.63)
XGOA (9.72)
12:45 p.m.—Guatemala—Popular marimba music
for North America: TGWA (15.17)
1:30 p.m.—Berlin—English propaganda talk by
Lord Haw Haw: DJB (15.20)
3 p.m.—Rome—Evening concert with English
announcements: 2RO8 (17.82) 2RO4 (11.81)
4:50 p.m.—Berlin—Evening program for North
America: DJD (11.77)
5:25 p.m.—Sydney—Broadcast for eastern North
America: VLQ7 (11.88)
5:45 p.m.—Winnipeg—News (English): CJRX EST City Program Station

5:45 p.m.—Winnipeg—News (English): CJRX

5:45 p.m.—Winnipeg—News (English): CJRX (11.72)
6 p.m.—London—Home Service News for British listeners: GRW (6.145)
6:30 p.m.—P a n a m a—News (English): HP5A (11.70)
6:45 p.m.—Quito, Ecuador—Lessons in Spanish: HCJB (12.46)
7 p.m.—Moscow—News, talks and music from Soviet Russia for North America: RV96 (9.52) RAN (9.60)
7 p.m.—Panama—George Williams' English "Radio Newspaper": HP5G (11.78)
7:05 p.m.—Lisbon—Variety program from Portugal for North American listeners: CSW7 (9.74)

7:15 p.m. (ex. Sun.)—L o n d o n—"Canada Calls from London": GSD (11.75) GSC (9.58) 7:20 p.m.—Budapest—Variety program from Hun-gary for North American listeners: HAT4 (9.155)

7:20 p.m.—Budapest—variety program from Hungary for North American listeners: HAT4 (9.125)
7:30 p.m.—Berlin—"Today in Germany" (Sound Pictures): DJD (11.77) DZD (10.54)
8 p.m.—Tokyo—Program for eastern North America: JLG4 (15.105) JVZ (11.815)
8 p.m.—London—News Commentary: GSD (11.75) GSC (9.58)
8 p.m.—Stockholu—Program from Sweden for

8 p.m.—Stockholm—Program from

m.—Stockholm—Program from Sweden for listeners in North America: SBT (15.155) 5 p.m.—London—Starlight Variety by top-notch British artists: GSD (11.75) GSC (9.58) 5 p.m.—London—Headline News: GSD (11.75)

notch British artists: 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)
9:30 p.m.—Moscow—English program for North
America: RV96 (9.52) RAN (9.60)
9:45 p.m.—London—"Tonight We Present": Celebrities of stage, screen and concert hall:
GSD (11.75) GSC (9.58)
10 p.m.—London—Talk, "Within the Fortress":
GSD (11.75) GSC (9.58) GSL (6.11)
10:30 p.m.—London—Radio Newsreel: "The War
in Sound": Eye-witness accounts from observ-

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

PHE present capital of China and headquarters of Generalissimo Chiang Kai-shek is Chungking, province of Szechwan, West China. This ancient walled city, once remote, isolated and forbidden to occidentals, by necessity has been transformed overnight into a thriving modern metropolis, with universities, bustling airports and powerful radio stations.

The Chinese government's previous attempts at international broadcasting, first from Nanking, then from Hankow, were successively terminated by Japanese aerial bombs. It is only recently that the site of the present international station has been revealed as Chungking, its location having been carefully omitted in all previous broadcasts and press notices. This station, call-letters XGOX-XGOY, power believed to be approximately 20,000 watts, broadcasts sixteen transmissions daily in fifteen different languages or dialects. These transmissions, each directed to some specific point by means of an efficient beam aerial, are as follows (time is Eastern Standard):

Transmission 6: Directed to Western
North America
1:00-1:50 a.m.—over XGOX (15.20)
English news at 1:20 a.m.
Transmission 7: Directed to Japan, Hawaii
2:00-3:05 a.m.—over XGOX (15.20)
News in English at 2:30 a.m.
Transmission 8: Directed to Asia, Oceania
5:00-6:00 a.m.—over XGOY (11.90)
Languages: Chinese, Russian, English
Transmission 9: Directed to Japan
6:00-6:30 a.m.—over XGOY (11.90)
Language: Japanese
Transmission 10: Directed to China and
Asia

Asia
6:30-7:20 a.m.—over XGOY (11.90)
Languages: Chinese, S'hai Dialect
Transmission 11: Directed to Asia,
Oceania, The Philippines
7:20-8:00 a.m.—over XGOY (11.90)
Languages: French, Cantonese, English
Transmission 12: Directed to Asia, South

Seas 8:00-8:50 a.m.—over XGOY (11.90) Languages: Malay, Dutch, Hakka and Amoy Dialects Transmission 13: Directed to West North

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 10:00-11:00 a.m.—over XGOY (11.90)
Language: Chinese
Transmission 15: Directed to India, Asia

Minor

11:05-11:25 a.m.—over XGOY (11.90)
Languages: Hindustani, Arabic
Transmission 16: Directed to the U. S. S. R.
11:30-11:50 a.m.—over XGOY (11.90)
Language: Russian
Transmission 1: Directed to Europe
12:00 noon-12:35 p.m.—XGOY (11.90)
Languages: German, French
Transmission 2: Directed to Asia, South
Seas

Seas
2:00-4:20 p.m.—over XGOY (9.50)
Language: Chinese
Transmission 3: Directed to Great Britain
4:30-5:30 p.m.—over XGOY (11.90)
Languages: Cantonese, Chinese, English
Transmission 4: Directed to East North
America

America
7:00-8:05 p.m.—over XGOX (15.20)
News in English at 7:30 p.m.
Transmission 5: Directed to China, Asia
11:30 p.m.-12:50 a.m.—XGOX (15.20)
Languages: Japanese, Chinese, S'hai Dialect

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. XPSA (8.484) at Kweiyang, province of Kweichow, also relays the Chinese international program service daily from 5:30 to 11:10 a.m. and from 4:00 to 5:40 p.m. EST.

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. Due to the greater distance that they must travel and to the weaker transmitting power employed, the Chinese broadcasts are ordinarily not heard nearly so well in this country as the overseas broadcasts of their Japanese opponents.

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 new Cuban government has hinted that official action may be forthcoming soon on this situa-The new 7.500-watt international station of the Canadian government, now nearing completion at Vercheres, Quebec, may be on the air any day now according to A. R. Willis of St. Thomas, Ont., Canada . . DX listeners should get quite a kick out of hear-ing VPD2 (9.535), Suva in the Fiji Islands, mornings between 3:50 and 5:15 a.m. EST. It is being heard with volume ranging from very loud on the Pacific Coast to fair in the central and eastern states . . . Broadcasts of

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 Ausralian transmissions to North America. Sydney now broadcasts to western United States from 12:55 to 1:45 a.m. and from 10:25 to 11:10 a.m. over VLQ7 (11.88); to eastern to 11:10 a.m. over VLQ7 (11.88); to eastern United States, from 7:20 to 8:05 a.m. over VLQ5 (9.68), and from 5:25 to 6 p.m. EST, over VLQ7 (11.88). Tokyo broadcasts for east coast listeners, from 8 to 9 p.m. over JLG4 (15.105), and JVZ (11.815), and experimentally from 9 to 10 p.m. over JLG4 (15.105); to west coast listeners, from 12 mid. to 1:30 a.m. over JZI (9.535) and JZJ (11.80). and experimentally from 10:30 p.m. to 12 mid. EST, over the same stations. These test or experimental schedules will become official overseas transmissions starting with Jan. 1, 1941.

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) 12:55 a.m.—Sydney—Program for Pacific Coast listeners: VLQ7 (11.88)

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) 8:45 p.m.—Berlin—Fred Kaltenbach's Military Review: DJD (11.77) DZD (10.54)

Important Stations

| CSW7, Portugal DJE, Germany | 9.735 MTCY, Manchukus | 11.78 | DJE, Germany | 15.20 RAN, U.S.S.R. | 9.60 DJC, | 11.77 | SBT, Sweden | 15.155 DJL, | 15.11 TAP, Turkey | 9.455 DJZ, | 11.801 TAQ, | 15.195 DJZ, | 11.801 TAQ, | 15.195 DJZ, | 10.543 | 9.68 KIRCY, | 15.11 TAP, Turkey | 9.455 DJZ, | 11.801 TAQ, | 12.10 TAQ, | 15.195 DJZ, | 10.543 | 9.68 KIRCY, | 11.801 TAQ, | 11.80 GRW, England | 17.84 VLQ7, | 11.80 GRW, England | 17.84 VLQ7, | 11.80 GRW, | 11.8 (Megacycles or thousands of kilocycles shows)

8:45 p.m.—London—Headline News, by George Slocombe: GSD (11.75) GSC (9.58) 10 p.m.—London—"Within the Fortress," Herbert Hodge, taxi driver: GSD (11.75) GSC (9.58) 11 p.m.—G u a te m a la—Marimba dance music: TGWA (9.685)

Sunday, December 15

For programs broadcast daily see Daily Programs (Col. 1) 1:30 p.m.—Guatemala—The Luncheon Hour Con-cert, selected masterpieces: TGWA (15.17) 1:30 p.m.—Guatemala—The Luncheon Hour Concert, selected masterpieces: TGWA (15.17)
7:15 p.m.—Guatemala—Concert in the Acoustic Bowl of Central Park: TGWA (9.685)
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) DZD (10.54)
9 p.m.—Berlin—Talk by Rear Admiral Lutzow: DJD (11.77) DZD (10.54)

Monday, December 15

Pro programs broadcast daily see Daily Programs (Col. 1)
7:45 p.m.—London—Talk, "Matters of Moment":
GSD (11.75) GSC (9.58)
8:30 p.m.—London—"Britain Speaks," with Leslie
Howard: GSD (11.75) GSC (9.58)
8:45 p.m.—Berlin—Fred Kaltenbach: DJD (11.77)
DZD (10.54)
8:45 n.m.—Switzerland—Program for North America

DZD (10.54)

8:45 p.m.—Switzerland—Program for North America: HBJ (14.535) HBO (11.402)

9:20 p.m.—Berlin—Talk by E. D. Ward: DJD (11.77) DZD (10.54)

Tuesday, December 17

For programs broadcast daily see Daily Programs (Col. 1) 6:15 p.m.—Berlin—Berlin Philharmonic Orchestra:

6:15 p.m.—Berlin—Berlin Philharmonic Orchestra:
DJD (11.77) DZD (10.54)
6:15 p.m. (Tues., Thurs., Sat.)—Quito, Ecuador—
Program of native music: HCJB (12.46)
8:30 p.m.—L. on d on—"Britain Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
9:20 p.m.—Berlin—Action Reports from the
Front: DJD (11.77) DZD (10.54)
9:30 p.m.—London—Talk, "Here Lies the Nazi":
GSD (11.75) GSC (9.58)

Wednesday, December 18

Wednesddy, 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)
8:30 p.m.—London—"Britain Speaks," Sir Philip
Joubert: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by A. G.
Macdonell: 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, Epilog of "Mephisto": TGWA (9.685)

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)
8:30 p.m.—Berlin—"College Hour": DJD (11.77)

nada: GSD (11.75) GSC (9.58)
8:30 p.m.—Berlin—"College Hour": DJD (11.77)
DZD (10.54)
8:30 p.m.—London—"Brltain Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by
Bartlett: GSD (11.75) GSC (9.58)
10:50 p.m.—Berlin—Jim and Johnay: DJD
(11.77) DZD (10.54)

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)
8:30 p.m.—Berlin—English talk by Lord Haw
Haw: DJD (11.77) DZD (10.54)
9:20 p.m.—Berlin—English talk by E. D. Ward:
DJD (11.77) DZD (10.54)

10 p.m.—Guatemala—Radio Theater, "El Desden con el Desden": TGWA (9.685)

D 11	11/1		
Daily	Morning		
EST	CITY	STATION	DIAL
6:30 a.m.	Berlin	DJB	15.20
8:00 a.m.	London	GSV	17.81
8:30 a.m.	Berlin	DJB	15.20
8:30 a.m.	Rome	2R08	17.82
9:30 a.m.	Amsterdam	PCJ	15.22
20 10		PCV	18.065
10:45 a.m.	Rome	2R08	17.82
11:00 a.m.	London	GSV	17.81
11:30 a.m.	Berlin	DIB	15.20
Daily	Afternoon		
12:30 p.m.	Athlone, Ireland	EIRE	17.84
12:30 p.m.	Berlin	DJB	15.20
1:00 p.m.	London	GSF	15.14
1:30 p.m.	Berlin	DIB	15.20
1:50 p.m.	Rome	2R06	15.30
3:30 p.m.	Berlin	DJZ	11.80
3:30 p.m.	Rome	2R06	15.30
		2R04	11.81
3:45 p.m.	London	GSD	11.75
4:30 p.m.	Berlin	DZD	10.543
5:30 p.m.	Berlin	DXM	7.27
		DZD	10.543
5:30 p.m.	Rome	2R04	11.81
5:45 p.m.	London	GSD	11.75
Daily	Evening		
6:00 p.m.	Berlin	DID	11.77
6:15 p.m.	Finland	OIE	15.19
7:00 p.m.	Moscow	RV96	9.52
8:00 p.m.	Budapest	HAT4	9.125
8:00 p.m.	London	GSD	11.75
		GSC	9.58
8:00 p.m.	Stockholm	SBT	15.155
8:15 p.m.	Berlin	D1D	11.77
0.45		DZD	10.54
8:45 p.m.	London	GSC	9.58 11.75
9:30 p.m.	Moscow	GSD	
2.30 p.m.	Moscom	RAN RV96	9.60 9.52
10:15 p.m.	Rome	2R03	9.63
10113 p.m.	Nome	2R04	11.81
10:30 p.m.	Berlin	DJD	11.77
		DZD	10.54
		DJC	6.02
11:30 p.m.	London	GSC	9.58
12.00	and the state of t	GSL	6.11
12:00 mid.	Berlin	DIC	6.02
1:15 a.m.	London	GSC	9.58
1:30 a.m.	Rome	2R03	9.63
		2R06	15.30

Daily Programs, Sat., Dec. 21, through Fri., Dec. 27

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

City Program Station 7:15 a.m.—Batavia, Java—Program for English listeners; (7:45 a.m.) News (English): PMA (19:345)

listeners; (7:45 a.m.) News (English): PMA (19:345)

7:20 a.m.—Sy d n e y—Broadcast for East Coast North American listeners: VLQ5 (9:68)

8:25 a.m.—Tokyo—News (English): JZJ (11:80)
JZI (9:535)

9 a.m.—Chungking, China—Chinese National program for North America: XGOY (9:63)
XGOA (9:72)

10:25 a.m.—Sydney—Broadcast for Pacific Coast; (10:30 a.m.) News (English): VLQ7 (11:88)

12:45 p.m.—Guatemala—Popular marimba music for North America: TGWA (15:17)

1:30 p.m.—Berlin—English propaganda talk by Lord Haw Haw: DJB (15:20)

3 p.m.—Rome—Evening concert with English announcements: 2RO8 (17:82) 2RO4 (11:81)

4:50 p.m.—Berlin—Evening program for North America: DJD (11:77)

5:25 p.m.—Sydney—Broadcast for eastern North America: VLQ7 (11:88)

6:30 p.m.—Guadeloupe, French West Indies—English program for U. S. listeners: FG8AH (7:445)

gush program for U. S. Insteners: FG8AH (7.445)
6:30 p.m.—P a n a m a—News (English): HP5A (11.70)
6:45 p.m.—Quito, Ecuador—Lessons in Spanish: HCJB (12.46)
7 p.m.—Moscow—News, talks and music from Soviet Russia for North America: RV96 (9.52)
RAN (9.60) RNE (12) RKI (15.04)
7 p.m.—Panama—George Williams' English "Radio Newspaper": HP5G (11.78)
7:05 p.m.—Lisbon—Variety program from Portugal for North American listeners: CSW7 (9.74)
7:20 p.m.—Budapest—Variety program from Hungary for North American listeners: HAT4 (9.125)
8 p.m.—Tokyo—Program for eastern North American Insteners

gary for North American listeners: HAT4 (9.125)

8 p.m.—Tokyo—Program for eastern North America: JLG4 (15.105) JVZ (11.815)

8 p.m.—London—News Commentary: GSD (11.75) GSC (9.58)

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

8:15 p.m.—London—Starlight Variety by topnotch British artists: GSD (11.75) GSC (9.58)

8:30 p.m.—London—Starlight Variety by topnotch British artists: GSD (11.75) GSC (9.58)

9 p.m.—Tokyo—Test broadcast for listeners in eastern North America: JLG4 (15.105)

9 p.m.—Quito, Ecuador—"Friendship Hour": HCJB (12.46)

9:30 p.m.—Moscow—English program for North America: RV96 (9.52) RAN (9.60)

10 p.m.—London—Talk, "Within the Fortress": GSD (11.75) GSC (9.58) GSL (6.11)

10:30 p.m.—London—Radio Newsreel: "The War in Sound": Eye-witness accounts from observ-

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

■ NTERNATIONAL station TGWA, 'The Voice of Guatemala," making an outstanding contribution in the fostering of friendly relations between the United States and Latin America. To fully appreciate its broadcasts one must understand something about colorful and picturesque Guatemala, the northernmost state of Central 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; whose trees abound with howling monkeys, green parrots, and the brilliantly plumaged Quetzal bird-Guatemalan national emblem and symbol of freedom, since it can not live in captivity . . . Here are beautiful, sparkling blue lakes, such as Atitlan, on whose shores rise gigantic volcanic mountains . . are broad, fertile valleys with many plantations, where coffee, bananas and chicle gum are grown (thirty to forty percent of these plantations are owned by Germans who have gained a strong foothold in this country) . Here are good roads, good hotels, excellent hunting and fishing, a mild climate, and twenty - four - hour plane service with New York . . . Here the population is seventy percent Indian. They are well educated, colorful and musical-Indians, whose marimba music has now become world famous.

TGWA is a 10.000-watt ultramodern short-wave station at Guatemala City, the capital of Guatemala. The transmitter was installed by and is operated by United States radio engineers. By means of directive antennae, the station's programs are beamed on the United States, Europe or Latin America at will. All broadcasts to the United States and Canada are announced in English and Spanish; those to Europe in English, French, German, Italian and Spanish; those to Latin America in Spanish only. 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. Following is a resume of the regular program features broadcast over TGWA (all time is EST).

particle of the National Police Force

1:30 p.m. — Concert of Latin America

1:30 p.m. — Concert of Latin America

1:30 p.m. — Concert by Orquesta Progresista

1:00 p.m. — Concert by Orquesta Progresista

1:230 p.m. — Light orchestral music

2:15 p.m. — Songs with guitar accompaniment

2:30 p.m. — Light orchestral music

2:45 p.m. — Latin-American songs

3:00 p.m. — Spanish music

3:15 p.m. — Lyric, musical chorus

Directed to Europe

3:30 p.m. — Concert of popular Latin-American music by the Orquesta Popular of the National

Police Force

4:15 p.m. — Popular music on the marimba (on 9.685 megs)

Directed to Latin America

7:00 p.m. — Concert by the First Military

Band, in the Acoustic Bowl in Central Park

7:50 p.m. — Sports bulletin (Spanish)

8:00 p.m. — Orchestra of Maestro Jose Molina Pinillos, with noted guest soloists

9:00 p.m. — Georgette Contoux de Castillo, pianist: The evolution of the musical forms

9:45 p.m. — Songs: soprano, tenor and baritone

9:20 p.m. — Georgette Contoux de Castillo, pianist: The evolution of the musical forms

9:45 p.m. — Soloists

10:00 p.m. — The Exquisite Hour: Symphonic

11:00 p.m. — Operatic music

11:30 p.m. — Modern music

11:45 p.m. — Organ concert

MONDAYS (on 9.685 megs)

Directed to United States and Canada

10:00 p.m. — Concert by First Military Band

11:00 p.m. — Hawaiian music

11:15 p.m. — Operatic selections

WEDNESDAYS (on 9.685 megs)

Directed to United States and Canada

10:00 p.m. — Concert by First Military Band

11:00 p.m. — Hawaiian music

11:10 p.m. — Hawaiian music

11:10 p.m. — Popular music

THURSDAYS (on 9.685 megs)

Directed to Latin America

10:00 p.m. — Concert by First Military Band

11:00 p.m. — Concert by First Military Band

11:00 p.m. — Concert by First Military Band

11:00

GENERAL NOTES: According to Robert Skyten of East Brookfield, Mass., a new station, "Radio Algers" (8.86), is broadcasting French and Arabic programs, daily from approximately 2 to 4 p.m. EST. The interval signal is one stroke on a gong. The announcer is a woman . . . "Radio Maroc" nouncer is a woman . . . "Radio Maroc" (11.94), Rabat, Morocco, is still being heard with fair regularity intermittently from 12 noon to 5:30 p.m. EST. Four strokes on a gong is the interval signal . . . Don't miss the colorful broadcast of Christmas Eve on Beacon Hill, to be aired over Boston station WRUL (11.73, 6.04), on Tuesday, December 24, starting at 9 p.m. EST. This quaint tradition of an old English Christmas with carols, bell-ringers and Yule cheer carries across the sea the re-assurance that New England has not forgotten . According to the New Zealand DX Radio Association, the Italian news period broadcast

London stations, GSE (11.86), GSN 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 . . The "American Hour from Rome" is now broadcast daily from 8:10 to 10:30 p.m. EST, over 2R03 (9.63), 2R04 (11.81) and 2R011 (7.22), with the news bulletin in English at 10:15 p.m. EST The new Chinese station XGRX (11.92), in Shanghai, recently mentioned in this col-umn as broadcasting daily from 4 to 7:30 a.m. EST, it has now been established is the Nazi mouthpiece in the Far East, is located in the German Club and is under the direct control of the German Embassy in Shanghai. The programs are composed chiefly of talks in English, Russian and Italian . . . DX listeners tune for F08AA (7.10), Papete, Tahiti, Tuesdays and Fridays at 11 p.m. EST.

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 21 For programs broadcast daily see Daily Programs (Col. 5:15 p.m.—Lima—Program of Peru Automobi Club for North America: OAX4R (15.155)

Important Stations

(Megacycles or	thousar	ids of kilocycles shown)
CSW7, Portugal	9.735	MTCY, Manchukuo 11.78
DJB, Germany	15.20	RAN, U.S.S.R. 9.60 RV96, 9.52 SBT, Sweden 15.155
DJC.	6.02	RV96. " 9.52
DJD, "	11.77	SPT Sweden 15.155
DJL, "	15.11	TAP Turkey 9465
DJZ, "	11.801	TAP, Turkey 9,465 TAQ, '' 15.195
DXB, "	9.61	TGWA, Guatemala
DZD, "	10.543	9.685, 15.17
Day,		TIT OF Assetselie 0 CO
EAQ, Spain EIRE, Ireland GRW, England GRY	17.84	VLQ5. Australia 9.68 VLQ7, 11.88 VLR, 19.58
CDW Panland	0 145	VLR. " 9.58
GRY, England	6.145	
		WCAB, Philadelphia,
UDD,	9.51	Pa. 6.06, 9.59, 15.27
USU,	9.58	WCBX, New York City
	11.75	17.83, 15,27, 9.65,
		6.17, 11.83, 6.12
USE,	15.14	WGEA, Schenectady,
	17.79	N. Y. 21.50, 15.33, 9.55
	15.26	WGEO, Schenectady, N. Y. 9.53
GSJ, "	21.58	
U D L	6.11	WLWO, Cincinnati,
GSN, "	11.82	Ohio 15,25, 17.80,
GSP, "	15.31	11.71, 9.59, 6.08
GST, "	21.55	WNBI, New York City
GSV. "	17.81	11.89, 6,100, 17,78
HAT4, Hungary	9,125	WPIT, Pittsburgh, Pa.
HBJ. Switzerland	14.535	21.54, 15.21, 11.87, 6.14
HBL, "HBO, "	9.535	WRCA, N. Y. City 9.67
HBO. "	11.402	WRUL-WRUW.
HCJB, Ecuador	12.46	Boston, Mass. 17.75,
HP5A, Panama	11.70	15.35, 15.25, 15.13,
		11.79, 11.73, 6.04
HVJ. Vatican City	11.74	XGOX, China 15.19
Indo-China JLG4, Japan JVZ, JZI, JZJ, JZK,	11.78	
JLG4. Japan	15,105	YUG. Jugoslavia 15.24
JVZ	11.815	SROS Itely 9.63
JZI. "	9.535	2RO4 11 11.81
JZJ. "	11.80	9PO6 '' 15.30
JZK "	15.16	2ROS, " 17.82
KGEI San Francis	00.00	9PO9 " 967
KGEI, San Francis Calif. 9.53, 9.67	15 99	9P 014 '' 15 92
LKV, Norway	15 17	2P 015 '' 11 76
Tary, Morway	10.11	XGOY 9,525, 11,39 YUG, Jugoslavia 15,24 2R03, Italy 9,63 2R04 '' 11,81 2R06, '' 15,30 2R08, '' 17,32 2R09, '' 9,67 2R014, '' 15,23 2R015, '' 11,78
8:30 p.m.—Berlin-	-"Mir	or of German Progress":

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)
10 p.m.—London—"Within the Fortress," Herbert Hodge, taxi driver: GSD (11.75) GSC (9.58)
10:50 p.m.—Berlin—"Hot Off the Wire": DJD (11.77) DZD (10.54)

Sunday, December 22

Sunday, December ZZ

For programs broadcast daily see Daily Programs (Col. 1)
3:30 p.m.—Guatemala—Popular Latin American
music: TGWA (15.17)
4 p.m.—London—"An American Looks at Britain": GSD (11.75) GRY (9.60)
7 p.m.—Guatemala—Concert from the Acoustic
Bowl in Central Park: TGWA (15.17)
8:30 p.m.—Berlin—English talk by Lord Haw
Haw: DJD (11.77) DZD (10.54) DJC (6.02)
10 p.m.—London—"Within the Fortress," Sir Hugh
Walpole: GSD (11.75) GSC (9.58) GSL (6.11)

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)
8:30 p.m.—London—"Britain Speaks," with Leslie
Howard: GSD (11.75) GSC (9.58)
8:45 p.m.—Berlin—Fred Kaltenbach: DJD (11.77)
DZD (10.54)
8:45 p.m.—Switzerland—Program (or North Appen

DZD (10.54)
8:45 p.m.—Switzerland—Program for North America: HBJ (14.535) HBO (11.402)
10 p.m.—London—"Within the Fortress," George Blake: GSD (11.75) GSC (9.58) GSL (6.11)

Tuesday, December 24

For programs broadcast daily see Daily Programs (Col. 1) 6:15 p.m.—Berlin—Berlin Philharmonic Orchestra:

6:15 p.m.—Berlin—Berlin Philharmonic Orchestra:
DJD (11.77) DZD (10.54)
8:30 p.m.—L on d on — "Britain Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
8:45 p.m.—London—Headline News, by George
Slocombe: 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 25

rograms broadcast daily see Daily Programs (Col. 1) 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)
7:30 p.m.—London—"British Sketch Book": GSD (11.75) GSC (9.58)
8:30 p.m.—Berlin—Interview of the Week: DJD (11.77) DZD (10.54)
8:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58)
10 p.m.—London—"Within the Fortress," Ronald Cross: GSD (11.75) GSC (9.58) GSL (6.11)

Thursday, December 26

For programs broadcast daily see Daily Programs (Coi. 1)
7:15 p.m.—London—English Newsletter for Canada: GSD (11.75) GSC (9.58)
8:30 p.m.—Berlin—College Hour: DJD (11.77)
DZD (10.54)
8:45 p.m.—London—Headline News, by Vernon
Bartlett: GSD (11.75) GSC (9.58)
9:20 p.m.—Berlin—"Action Reports from the
Front": DJD (11.77) DZD (10.54)
10:50 p.m.—Berlin—Jim and Johnny: DJD
(11.77) DZD (10.54)

Friday, December 27

For programs broadcast daily see Daily Programs (Cot. 1)
7:15 p.m.—London—"Quiz for the Forces": GSD (11.75) GSC (9.58)
8:15 p.m.—Lisbon—"Saudade" program compiled for Portuguese residents in North America: CSW7 (9.74)
8:30 p.m.—Berlin—English talk by Lord Haw Haw: DJD (11.77) DZD (10.54)
9 p.m.—Boston—Travel talks on South America (in English): WRUL (11.73, 6.04)

European News in English				
Daily	Morning			
CST	CITY	STATION	DIAL	
5:30 a.m.	Berlin	DJB	15.20	
7:00 a.m.	London	GSV	17.81	
7:30 a.m.	Berlin	DJB	15.20	
7:30 a.m.	Rome	2R08	17.82	
7:45 a.m.	London	GSE	11.86	
8:30 a.m.	Amsterdam	PCJ	15.22	
		PCV	18.065	
9:45 a.m.	Rome	2R08	17.82	
10:00 a.m.	London	GSV	17.81	
10:30 a.m.	Berlin	DIB	15.20	
11:30 a.m.	Athlone, Ireland	EIRE	17.84	
11:30 a.m.	Berlin	DIB	15.20	
Daily	Afternoon			
12:00 noon	London	GSF	15.14	
12:30 p.m.	Berlin	DJB	15.20	
12:50 p.m.	Rome	2R06	15.30	
2:30 p.m.	Berlin	DJZ	11.80	
2:30 p.m.	Rome	2R06	15.30	
2.50 p.m.	nome	2R04	11.81	
2:45 p.m.	London	GSC	9.58	
2.13 pint	Luituuii	GRY	9.60	
4:30 p.m.	Berlin	DXB	9.61	
ties built	ACCOM!	DXM	7.27	
4:30 p.m.	Rome	2R04	11.81	
4:45 p.m.	London	GSD	11.75	
5:00 p.m.	Berlin	DJD	11.77	
Table Carrie	Paris	Y	9.52	
5:15 p.m.	Finland	OIE	15.19	
-				
Daily	Evening	-	0.00	
6:00 p.m.	Moscow	RAN	9.60	
7.00	- 1	RNE	12.00	
7:00 p.m.	Budapest	HAT4	9.125	
7:00 p.m.	London	GSD		
7.00	Charleton	GSC	9.58	
7:00 p.m. 7:15 p.m.	Stockholm	DJD	11.77	
7:12 p.m.	Berlin Paris	Y	9.52	
7:45 p.m.	London	GSC	9.58	
7 545 p.m.	London	GSD	11.75	
8:30 p.m.	Moscow	RAN	9.60	
a cao panta	MINITOM	RV96	9.52	
9:15 p.m.	Rome	2R03	9.63	
Same Parents	ATTENDED.	2R04	11.81	
9:30 p.m.	Berlin	DJD	11.77	
- Second Court	2007/10/00	DJC	6.02	
	Paris.	Y	9.52	
10:30 p.m.	London	GSC	9.58	
		GSL	6.11	
11:00 p.m.	Berlin	DIC	6.02	
12:15 a.m.	London	GSC	9.58	
12:30 a.m.	Rome	2R03	9.63	
		2R04	15.30	

Daily Programs, Sat., Dec. 28, through Fri., Jan. 3

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

CST City Program Station
6:20 a.m.—Sydney—Broadcast for East Coast
North American listeners: VLQ5 (9.68)
7:25 a.m.—Tokyo—News (English): JZJ (11.80)
JZI (9.535)

7:25 a.m.—Tokyo—News (English): JZJ (11.80)
JZI (9.535)

8 a.m.—Chungking, China—Chinese National program for North America: XGOY (9.63)
XGOA (9.72)

9:25 a.m.—Sydney—Broadcast for Pacific Coast;
(9:30 a.m.) News (English): VLQ7 (11.88)

10 a.m. (ex. Sat., Sun.)—Analysis of the news by
Birkovich: WRUL (17.75, 15.13)

11:45 a.m.—Guatemala—Popular maximba music
for North America: TGWA-(15,17)

12:30 p.m.—Berlin—English propaganda talk by
Lord Haw Haw: DJB (15,20) DXM (7.27)

2 p.m.—Rome—Evening concert with English
announcements: ZRO8 (17.82) ZRO4 (11.81)

3 p.m.—Algiers—Free France program: "Radio
Alger" (12.13)

3:50 p.m.—Berlin Paris—Evening program for
North America: DJD (11.77) DXB (9.61)
Y (9.52)

4:25 p.m.—Sydney—Broadcast for eastern North

Y (9.52)
4:25 p.m.—Sydney—Broadcast for eastern North America: VLQ7 (11.88)
4:45 p.m.—Winnipeg—News (English): CJRX (11.72)
5 p.m.(ex. Sun.)—Kingston, Jamaica—Variety program; News in English: ZQI (4.70)
5 p.m.—London—Home Service News for British listeners: GRW (6.145)
5:30 p.m.—Guadeloupe, French West Indies—English program for U. S. listeners: FG8AH (7.445)
5:30 p.m.—P a n a m a—News (English): HP5A

5:30 p.m.—P a n a m a—News (English): HP5A (11.70)

(11.70)
5:45 p.m.—Quito, Ecuador—Lessons in Spanish:
HCJB (12.46)
6 p.m.—Chungking, China—Chinese National program for North America; (6:30 p.m.) News (English): XGOY (15.19)
6:05 p.m.—Lisbon—Variety program from Portugal for North American listeners: CSW7 (9.74)
6:15 p.m. (ex. Sun.)—L on don—"Canada Calls from London: GSD (11.75) GSC (9.58)
6:20 p.m.—Budapest—Variety program from Hungary for North American listeners; HAT4 (9.125)

7 p.m.—Tokyo—Program for eastern North America: JLG4 (15:105) JVZ (11:815)
 7 p.m.—London—News Commentary: GSD (11:75) GSC (9:58)

GSC (9.58)
7 p.m.—Stockholm—Program from Sweden for listeners in North America: SBT (15.155)
7:15 p.m.—London—Starlight Variety, by topnotch British artists: GSD (11.75) GSC (9.58)
7:30 p.m.—London—Talk, "Britain Speaks": GSD (11.75) GSC (9.58)
7:45 p.m.—London—Headline News: 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

TOKYO EXPANDS OVERSEAS PROGRAM SERVICE

ITH the joint purpose of intensifying its propaganda broadcast. 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. As part of this expansion program, powerful new 100,000-watt shortwave transmitters are now on the air which, with the increased power that they radiate, make it possible for listeners in the United States and Canada to hear Tokyo with the same regularity and signal strength that they hear Berlin and London.

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. In fact, you can't miss it for it is about the only station audible on the 19meter band at that hour. The program opens with the playing of the national anthem, "Kimigaya," followed by a playing of the first four bars of the same song on chimes. Then these words by a woman announcer, "This is Tokyo-the metropolis of the Far East. It is now 10:00 a.m. in Tokyo, and we are commencing our regular overseas broadcast for listeners in the eastern parts of North America." Program 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 threehour 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)

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. . . Lord Haw Haw may be heard Sundays at 11:30 a.m. CST, over DJB (15.20). At the conclusion of his talk he reads the names of some five or six British soldiers who are being held five or six British soldiers who are being held as prisoners of war in Germany . . . Best reception of the nightly London broadcast for North America, 4:42 to 10:35 p.m. CST, is now being afforded by GSC (9.58) . . . According to Norman Kriebel of Ambler, Pennsylvania, FGA (9.41), Dakar, Senegal, may now be heard daily from 2:15 to 3:30 p.m.; occasionally as late as 3:50 p.m. CST, with the news in Arabic or Senegalese. English broadcasts are made on Tuesdays and Fridays, from 3 to 3:15 p.m. CST. Roy Waite of Ballston Spa. New York. Roy Waite of Ballston Spa, New informs me that his air-mail report of Oct. 7.

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 inter-ference . . . John Kernan of Boston, Mass., has received a letter from Denis M. Gick, station manager of ZQI (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 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 WGEO (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.

8:30 p.m.—Moscow—English program for North America: RV96 (9.52) RAN (9.60) RNE (12) 8:45 p.m.—London—"Tonight We Present": Celebrities of stage, screen and concert hall: GSD (11.75) GSC (9.58) 9 p.m.—London—Talk, "Within the Fortress": GSD (11.75) GSC (9.58) GSL (6.11) 10:15 p.m.—London—Britain Speaks": GSD (11.75) GSC (9.58) GSL (6.11) 11:55 p.m.—Sydney—Program for Pacific Coast listeners: VLQ7 (11.88) 12 mid.—Chungking, China—Program for West Coast listeners; XGOY (15.19)

Saturday, December 28

For programs broadcast daily see Daily Programs (Col. 1) for programs broadcast daily see Daily Programs (Col. 1)
4:15 p.m.—Lima—Program of Peru Automobile
Club of North America: OAX4R (15.155)
7:30 p.m.—Berlin Paris—"Mirror of German Progress": DJD (11.77) Y (9.52)
7:45 p.m.—London—Headline News, by George
Slocombe: GSD (11.75) GSC (9.58)
9 p.m.—London—"Within the Fortress," Herbert
Hodge, taxi driver: GSD (11.75) GSC (9.58)
9:50 p.m.—Berlin-Paris—"Hot Off the Wire":
DJD (11.77) Y (9.52)

Important Stations

(Megacycles or thousands of kilocycles shown)

CSW7, Portugal	9.735	RV96 U.S.S.R.	9.52
DIR Garmany	15.20	SBT. Sweden	15,155
DIC	6.02	TAP Turkey	9.465
DID "	11.77	RV96, U.S.S.R., SBT, Sweden TAP, Turkey TAQ.	15 195
DIL "	15.11	TGWA, Guatemal	
D17 "	11,801	0 68	5, 15,17
DJC, "DJD, "DJL, "DJZ, "DXB, "	9.61	WIOS Amsterlie	9 88
PAO Sunia	9.86	VLQ5, Australia VLQ7, VLR.	11.88
EAQ, Spain EIRE, Ireland	17 04	TITE II	0.58
COM Parising	0.145	WCAB, Philadelph	0.00
GRW, England	0.140	Pa. 6.06, 9.5	D TE OF
GRY,	9,00	PR. 8.05, 9.05	0, 10,21
GSH,	9.51	WCBX, New York	City
GSC,	9.58	17.83, 15.2	7, 3,00.
GSD,	11.75	6.17, 11.8	3, 5.12
GSE,	11.86	WGEA, Schenecta	dy,
GSF, "	15,14	N. Y. 21.50, 15.3	33, 9.00
GSG. "	17.79	WGEO, Schenecta	dy,
GSI, "	15.26	N.Y.	9.53
GSJ, "	21.58	WLWO. Cincinnat	10
GSL, "	6.11	Ohio 15.25	, 17.80.
GSP, "	15.31	11.71, 9.	59, 6.08
EIRE, Ireland GRW, England GRY, GSB, GSC, GSD, GSE, GSF, GSSI, GSI, GSI, GSSP, GSP, GST, GST, GST, GST, GST, GST, GST, GST	21.55	WNBI, New York	City
GSV, "	17.81	11.89, 6.10	0, 17 78
HAT4, Hungary	9.125	WPIT, Pittsburgh	Pa.
HBJ, Switzerland		21.54, 15.21, 11.	87. 6.14
HBL. "	9.535	WRCA, N. Y. City	9.67
HBL,	11.402	WRUL-WRUW.	
HCJB, Ecuador	12.46	Boston, Mass.	17.75.
HP5A, Panama	11.70	15.35, 15.25	15.13.
HP5G.	11.78	11.79, 11.7	3 6.04
HVJ, Vatican City	11.74	XGOX, China	15.19
Indo China	11.78	YCOY " 9 69	5 11.90
TI GA Town	15 105	XGOY, ' 9.62 Y. France	9.52
TWO Supan	11 016	WITH Tuesdania	15 04
TOT II	0.505	OP O2 Trale	9,63
Indo-China JLG4, Japan JVZ, JZI, JZJ, JZJ, JZK, "	11 20	and, Italy	11.81
d Zal ,	11.80	anos, H	15.30
JZK. "	15.16	2R03, Italy 2R04, " 2R06, " 2R08, " 2R08, " 2R014, " 2R015, "	17.82
KGEI, San Francis	00,	SEUS,	9.67
Calif. 9.53, 9.6	1, 15,33	ZRUS.	15.23
MTCY, Manchukus	11.78	2HO14,	10.23
RAN, U.S.S.R.	9,60	2R015,	11.76

Sunday, December 29

For programs broadcast daily see Daily Programs (Cot. 1)
11:45 a.m.—Guatemala—Request program by the
Marimba Ensemble: TGWA (15.17)
6 p.m.—Guatemala—Concert from the Acoustic
Bowl in Central Park: TGWA (15.17)
7 p.m.—Guatemala—Orchestra of Maestro Jose
Molinas Pinillos, with noted soloists: TGWA
(9:685)
7:30 p.m.—L.o.n.don—"Britain Speaks," J. B.
Priestley: GSD (11.75) GSC (9:58)
8 p.m.—Berlin-Paris—Talk by Read Admiral Lutzow: DJD (11.77) Y (9:52)

Monday, December 30

Monday, December 30

For programs broadcast daily see Daily Programs (Col. 1)
6:45 p.m.—London—Talk, "Matters of Moment";
GSD (11.75) GSC (9.58)
7:30 p.m.—Berlin Paris—"Listen and Judge for
Yourself"; DJD (11.77) Y (9.52)
8:15 p.m.—New York City—Special Christmas and
New Year's Holiday Program for Latin listeners: WRCA (9.67)
8:20 p.m. (Mon., Wed., Fri.)—Berlin-Paris—Talk
by E. D. Ward: DJD (11.77) Y (9.52)
10 p.m.—Guatemala—Marimba Concert: TGWA
(9.685)

Tuesday, December 31

For programs broadcast daily see Daily Programs (Cot. 1)
5:15 p.m.—Berlin-Paris—Philharmonic Orchestra:
DJD (11.77) Y (9.52)
7:30 p.m.—London on "Britain Speaks," J. B.
Priestley: GSD (11.75) GSC (9.58)
7:45 p.m.—London—Headline News, by George
Slocombe: GSD (11.75) GSC (9.58)
8:20 p.m.—Berlin-Paris—Action Reports from the
Front: DJD (11.77) Y (9.52)
9 p.m.—London—"Within the Fortress," Clemence
Dane: GSD (11.75) GSC (9.58) GSL (6.11)

Wednesday, January 1

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

1 p.m.—Pittsburgh—Football, Sugar Bowl Classic:
Univ. of Tennessee vs. Boston College: WPIT
(15.21)

3 p.m.—London—"I've Seen This Week": GSC (9.58)

(9.58)
6:30 p.m.—L o n d o n—"British Sketch Book";
GSD (11.75) GSC (9.58)
7:30 p.m.—London—"British Speaks," Sir Philip
Joubert: GSD (11.75) GSC (9.58)
9 p.m.—London—"Within the Fortress," Ronald
Cross: GSD (11.75) GSC (9.58) GSL (6.11)
9 p.m.—Guatemala—Opera: TGWA (9.685)

Thursday, January 2

For programs broadcast daily see Daily Programs (Col. 1)
3 p.m.—London—"Speaking for Britain"; GSC (9.58)
6:30 p.m.—B u d a p e s t—Communications of the World Association of Hungarians; News in English: HAT4 (9.125)
7:30 p.m.—Vatican City—Catholic news for listeners in North America: HVJ (11.74)
8:20 p.m.—Berlin-Paris—"Action Reports from the Front": DJD (11.77) Y (9.52)
9 p.m.—London—"Within the Fortress," Warren Irvin: GSD (11.75) GSC (9.58)

Friday, January 3

Friday, January 3

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

4:30 p.m.—Berlin-Paris—Advance program notices: DJD (11.77) Y (9.52)

7:45 p.m.—London—Headline News, by A. G. Macdonell: GSD (11.75) GSC (9.58)

8 p.m.—Boston—Travel talks on South America (in English): WRUL (11.73, 6.04)

9 p.m.—London—"Within the Fortress," H. Wickham Steed: GSD (11.75) GSC (9.58) GSL (6.11)

9 p.m.—G u a t e m a l a—Radio Theater: TGWA

9 p.m.—Guatemala—Radio Theater: TGWA (9.685)