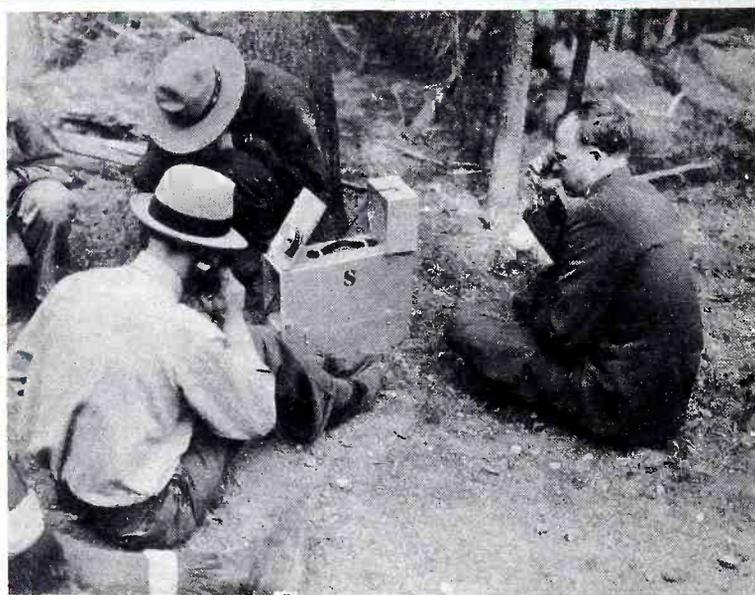


THE GLOBE CIRCLER

AUG 1938



Latest type portable transmitter-receiver of National Park Service in actual operation at Yellowstone Nat. Park. (Right) Supt. Edmund Rogers of Yellowstone Nat. Park. (At mike) W. Hilgedick, chief radio engineer of Nat. Park Service. (Photo courtesy Haynes Inc.)

ONE
DIME

INTERNATIONAL DX'ERS ALLIANCE

LATEST SHORT-WAVE LIST—DETAILED SHORT-WAVE NOTES—I. D. A. SOUTH JERSEY CONVENTION—I. D. A. INTERNATIONAL FRIENDSHIP PROGRAMS—BROADCAST STATION LISTS FOR GR. BRITAIN, NEWFOUNDLAND, AND COSTA RICA.

SHORT WAVE NOTES

Editor-in-Chief Charles A. Morrison; Frequency Checking Bureau, R.B.Oxrieder-Ed, John Larsen, C. Hartzell; Ama-Touring Editor, Ralph Gozen.

RNE'S PROGRAM FOR IDA
 SUNDAY, AUGUST 28, 7 PM EST, RNE (12), MOSCOW,
 NOTE: May also be on RAN/RKI (Michaelson)

The DSW Degree conferred upon The Eders, Arthur Johnson, and A.V.Deterly.

IDA 100 CLUB: John DeMyer (1), has been elected Director of the "100 Club" to serve for period of one year. New enrollees admitted: (6) Roy Myers of San Francisco; (7) Howard Eck of East Lansing, Mich., and (8) Ralph Gozen of Yonkers, N.Y.

NEW LINE-UP OF SHORT-WAVE BANDS APPROVED BY THE CAIRO CONFERENCE: Intermediate: 125M band (2.3-2.5mc); 87M band (3.3-3.5mc); 62M band (4.77-4.9mc). Short-wave: 49M band (6-6.2); 31M band (9.5-9.7mc); 25M band and 19M band, no changes; 16M band (17.75-17.85mc); 14M band (21.45-21.75mc). Changes will go into effect not later than Sept., 1939

HOWARD HUGHES FLIGHT: KHBRC, 100w, and KHRH, 15w, aboard the "New York World's Fair, 1939," transmitted on following freqs: 4797.5, 6425 8655, 12862.5, 17310, and 23.1kc, as well as several aeronautical frequencies. "KHRH (8.655), heard July 11, at 12:55am EST, when plane was over mid-Atlantic," (H. Clein, Los Angeles *****; FCC, NBC, CBS, CAM)

NORSK FRANSK POLAR EKSPEDISJON: Now heading north to study Aurora, and other scientific phenomena, will establish main base-camp at 80° N 170 W, at Ingolfs-fjord, and advance-camp on Peary Land, 82° N, 29° W. Short-Wave will be used for inter-camp communication as well as with Norway, and the U.S. Op. is Jess Tillier of Madison, Wis. Weather reports and commercial skeds will be made daily at 2 and 8am, and 2 and 8 pm. RSSL and IDA members are requested to listen for transmissions and reports may be sent to Willy Knutsen Og Comte Gaston Micard, Svalbard-kontoret, Oslo, Norway. Watch G.C. for frequencies (****RSSL, Roy DeMent)

DEADLINE for SEPTEMBER GLOBE CIRCLER, Aug. 17; for SEPTEMBER STOP-PRESS SHEET, Aug. 29; for SEPT. AMA-TOURING, Aug. 25 (Reports for Ama-Touring must be sent to Ralph Gozen, 1 Richfield Ave., Yonkers, New York.)

It is IMPERATIVE that all S.W. reports use one side page only; that lines be double-spaced; items be grouped by continents; and time used be stated. Items in order of importance are: NEW STATIONS; exact frequencies, or changes; exact schedules, or addresses; identifying signals and unusual receptions. RUSH important items by fastest mail. FOUR STAR items denote exceptional merit. EACH FIVE STAR ITEM PAYS CONTRIBUTOR \$1.00

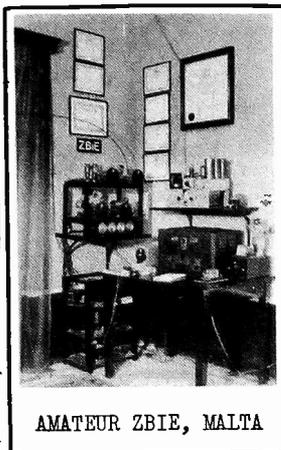
EST) == NORTH AND CENTRAL AMERICA == (EST

COSTA RICA It is reported that neither TIEP, nor TIRCC, will verify direct reports anymore. . NEW: TIEMT (or TIEMC) (10.08), "Radio El Mundo," P.O.Box 1049, San Jose, first heard on May 30, relays TIEM, daily from as early as 4:30 to as late as midnight EST (**Balbi, Pratt, Smith Larsen, Shaffar, NNRC, RBO, Amers). . TIWS, Puntarenas, back near 6.375mc again (RBO). . TI2RS, "Radio Athenea," San Jose, is now on 7.45mc (RBO) . . TI2XD, "Radio Pilot," is identification of station on 11.928 that relays TI2D nightly (RBO, Larsen, Herzog). . Station announcing as "Radio RCA-Victor" on 11.97mc, is believed to be TIPG on new frequency

CUBA COBC now on 9.98, and COBZ on 9.005 (RBO, Larsen); COCM back on 9.855 (Larsen, Shaffar). . COCC, now on 9.705, will soon have power raised to 5kW; signs-off with "Anchors Aweigh," followed by "Siboney" (RBO, Sawyer, Radio Guia); COGE now on 11.802mc (Larsen)

CURACAO PJC2 (9.09), now operates daily from 6:36 to 8:36pm (JM)
D.R. HIG, varies from 6.28 to 6.29mc (RBO, Larsen); HIZ, now on 6.315 (Larsen). . HI4D, HI8J and HI8Q, all seem to be off the air at present (RBO) (inaugurated on May 28 - E.R.)

EL SALVADOR YST, is new San Salvador station supposed to have been-



AMATEUR ZBIE, MALTA

GUATEMALA National Hour, nightly 10-11pm EST, is relayed by TGWA, TG2, and TGQA (Herzog). . TGQA, Quezaltenango, is bouncing about between 6.4 and 6.505mc. . TG2, now variable near 6.19mc, is heard as early as 7:30pm and as late as 2am irreg (Shaffar, RBO, Larsen). TG2 has early Sunday morning program for dx'ers. No IRCs necessary (Shaffar). . TG25 is the portable call for TGS of Guatemala City (RBO). TG2X (5.94), Guatemala City, 500w, now operating weekdays 10pm to mid., and daily from 4 to 6pm EST (Amers)

HAWAII "Hawaii Calls" is broadcast Sundays 12:01-12:30am EST, by either KQH (14.92), or KHE (17.95). KHE tests frequently afternoons or nights with native Hawaiian recordings (Balbi, Honda, Shaffar)

HONDURAS HRN (5.875), Tegucigalpa, finally sent a veri' after half a dozen reports, accompanied by IRCs, sent over a period of two years. Card is gray, with blueprinting and red call letters. Schedule is given as daily 7-10pm EST, and power as 500w (**Amers-Calif)

MEXICO XBA (6.977), Central Radio Station of the Weather Bureau At Tacubaya, 300w, broadcasts weather reports daily at 11am, 1, 2, 3, and 9:50pm EST (**Legge). . XEWV, and XEDQ, often broadcast programs in parallel on Sundays near midnight (Amers)

NICARAGUA YNLG (6.61), Managua, 1000 watts, verifies with a large card having black call letters (Legge); YNLGG now on 6.507mc (RBO)

PANAMA HP5B (6.033), Emisora Miramar, relays HP5C, daily 10:30am -2, 6-10pm EST; programs begin with "Panama," and end with "Good Night" recordings. Power has been increased to LKW (*Hidalgo). . HP5G (11.78), "Ron Dalley," P.O. Box 1121, Panama City, Studios in Exposition grounds, power 750 to 1500 watts, operates daily 6-10, or 11pm EST; opens and closes programs with prelude from "Traviata." QSL card is attractive in blue and white. Manager is Alfred Graziani, and English announcer is Miss Inez E. Nelson. Station is sometimes QRM'ed by a Chilean. Has been heard testing on new freq. of 11.8mc (**Honda, Stark Sawyer, Hartzell, RBO, Horne, Balbi, Jackson, Gallivan, Larsen, Voisch, Schrock Shaffar, Hidalgo, Amers). . HP5J testing with increased power 1 to 3:30 am (Honda). George Williams is sponsoring new English program consisting of latest jokes and musical hits, nightly at 8:30pm over HP5J (GW)

ST. KITTS VP2LO (6.384), now issuing veri cards again; has a broad cast for American listeners Wednesdays at 7:30pm (DeMyer, Larsen)

U.S.A. KHRH (8.655), aboard Hughes plane, heard on July 10, after 11:30pm, contacting Coast Guard, Ice Patrol and WEL (**Ambrosius). . Several Aeronautical stations have been licensed to operate provision ally on 12.165mc (FCC). . New Douglas super-transport DC4, heard on 2.85mc, July 7, at 5:30pm (Honda). . WAY (2.52), Public coastal station, Lake Bluff, Ill., contacts "Mizpah" (2.118 or 2.738), or WOGK, the "Mako" for telephone service in the evenings. (Ambrosius). . WKP and WEL of Rocky Point, have been licensed to communicate with VELIN up to Sept. 30 (FCC). . WLXK (9.57), Boston, now operating daily 5am to midnight (NBC). . W2XAA (8.655/12.862), portable unit of A.T. & T.Co. heard testing with Netcong, N.J. from Chicago, Ill (Ambrosius). . NEW sked for W3XAL: on 17.78, daily 8am to 8pm, and on 6.1, 8pm to midnight EST. Any changes in sked or program are announced daily at 11:15am on 17.78mc (NBC). . W4XAD (12.862), Gainesville, Florida, testing at 3:30 pm, and requesting reports (Shaffar). . W3XAL, Cincinnati, granted permit to add frequencies 15.27, and 11.87mc (FCC). . Starting July 15, W3XK (15.21), began radiating daily from 8am to midnight EST (Balbi)

== SOUTH AMERICA ==

ARGENTINA LRA (9.69), Radio del Estado, Direccion General de Correos y Telegrafos, relays LRA, Mon. to Sat. 10:30am-1pm, Sun. 10:30am -noon, Mon. to Thurs. 6-9pm, Fri. 4 to 9pm, and Sat/Sun 7-9pm (*RBO) . . LRX (9.66), Buenos Aires, has one note on a bugle, or auto horn for an identification signal (Yoshimura)

BRAZIL The sked of the S.W. stations owned by Cia. Radio Internacional do Brasil, Caixa Postal 709, Rio de Janeiro, follow: PSH (10.22), Mon/Wed/Thurs/Sat 6-7pm, Tues 6-7pm and 8-8:30pm, and Friday 6 to 7:30pm; PSA (21.08), Friday 12:50-1pm, and 11:18-11am on the first Thurs. of each month; PSE (14.935), Wed 4 to 4:10pm, and 4 to 4:30pm on the 23rd of each month, and Sat 3 to 3:30pm. (CSWRC)

BRITISH GUIANA The British Guiana United Broadcasting Company Ltd., has acquired stations VP3BG and VP3MR of Georgetown

CHILE CB1180, "Sociedad Nacional de Agricultura CB57 Santiago

de Chile, "Santiago, formerly on 11.78mc, now variable between 11.97 and 12mc, broadcasts from 7 to 10, or 11pm. This station is called CD1178 by some members. Who can straighten this tangle out? (Balbi, Fisher, Honda, RBC, Schrock)

COLOMBIA HJU seems to be off the air (RBO). . HJLABB (4.79), Bar-ranquilla, heard phoning and playing records near 12:45am (Amers). . HJ7ABB (4.82), "Radio Santander," P.O.Box 37 (Air Mail-Box 3), 750w, Bucaramanga; verifies with attractive blue and white veri showing girl picking coffee beans, and oil field in lower right hand corner (Amers, Legge). . Two new stations have appeared on the 62M band, one on 4.864 uses chimes similar to NBC; the other is on 4.875. Both sign off near 10:30pm EST (Legge)

ECUADOR After a trial period on 6.225mc, HCJB, "La Voz de Los Andes," Quito, moved to a new frequency of 12.46mc, on June 18, where it is now operating daily ex. Mondays, 8-10:30pm, frequently in parallel with HCLJB (14.43) (*RBO, Honda, Shaffar, Fisher, Balbi, Klein, Legge). . HC2CW (now on 9.27), "Ondas del Pacifico," Casilla Postal 1166, Guayaquil, operates weekdays 7-11:30pm, and Sun. 3:30-6pm; opens and closes programs with national anthem, "Sangre Ecuatoriana" (*NRC, RBO). . HCODA (9.445), "La Voz del Alma," Calle Noguchi 719 (Apartado 704), Guayaquil, issues a red & white card picturing radio towers (*Schrock)

PERU "Radio Rancho Grande" (12), seems to have disappeared (RBO). . OAX4G (6.298), Lima, on air again (RBO)

URUGUAY CXA2 (6), owned by Sr. R. Caissiois, Cia. de Radiopublicidad Continental, Juan Carloo Gomez 1431, Montevideo, verifies with blue card showing map of South America in maroon (*Amers). . CXA8 (9.64), has an interval signal similar to NBC chimes (Yoshimura)

VENEZUELA YVO (7.84), Maracaibo, and YVA (approx. 8.2), Caracas, heard phoning at 8:20pm (Legge). . YVIRL (5.93), "Radio Populares," Box 274, Maracaibo, issues a striking speckled blue card with magenta colored call letters (Amers). . NEW: YV4RA (5.81), heard testing on June 22, announcing in Spanish, English and French as "Radio Valencia" and requesting reports (**Graham). . YV5RC, Caracas, has moved to 5.97mc, and will soon receive a considerable power increase (Balbi, Larsen, YV5RC*)

== EUROPE ==

DENMARK NEW SKED effective May 29: OZF (9.52), daily, to S.A., 8-9:30pm, and to N.A., 9:30-11pm; OZH (15.165), Sundays 8am-1:30pm (***) Soplop, Hatch, Jones, Herzog, RBO)

ENGLAND GSE (11.86), now being used daily 1-3:15am, and 9:20-11:20pm. GSI (15.26), being used daily 1-3:15am. Latin broadcasts at 8:30 and 8:45pm resp. are effected over GSB (9.51) and GSO (15.18) (*Balbi, Honda, Shaffar, Sawyer)

FINLAND The NEW 2kw stations at Lahti which went on the air May 1, broadcasts as follows: daily, on OFE (11.78), 3:05am-1:05pm; OFD (9.5), 1:15-6pm, and reported to be broadcasting on 15.19, irreg. 9 to 11:30am, and mid to 2am. Will also broadcast on 17.8mc soon. Announces as "Lahti Suomi" and in English each hour. Reports requested, and these should be sent to Finnish Broadcasting Co., Helsinki, Finland. GSL card pictures transmitter on the left side, and has data on right side. (****Evans; Jones, Durrwang, Balbi, Fisher, Christie, Brewer)

FRANCE TPB6 (15.13), heard daily 1-3am and 9-10am (Balbi*); TPB12 (9.55) heard after 1am (RBO). . Near the end of the year the new 100/200 kw S.W. stations now under construction will be put on the air (Com. Bul.)

GERMANY DJE (17.76) now being used along with DJB (Shaffar). DJP (11.855), seems to have replaced DJO (11.795) in the evening broadcast from 7:15 to 10:50pm EST (*Ambrosius). . The German Short-Wave Station wants photos of 'you' listening in to their broadcasts. Valuable prizes will be offered for the best pictures submitted before Dec. 15. Write to the German Short-Wave Station for full details (Editor).

GREECE A 10kw S.W. xmtr. will be constructed at Athens for transmissions beamed expressly on the United States, and Australia.

HOLLAND The New ship S.S. "Nieuw Amsterdam" has been heard on 8.81, and near 17.77mc, at 7:15, and 6:30pm EST, resp (NNRC, Reinhard)

IRELAND Channels allotted to the new Athlone S.W. station are: 17.84, 15.12, 11.74, 9.595 and 6.19mc's (****NRC)

ITALY 2RO5 (15.3), operates daily 12:10-2pm, (English news at 1:36pm) and relays American hour irreg; 2RO6 (17.82), operates irreg.

These two 2kW stations are being used experimentally until the new short-wave center is completed late this year.. IQY (11:676) operates daily 1:37-2:35pm and 3-3:30pm; ICC (6.355), 3-3:30pm... For veri' from 2R04, listeners must give exact time, at least three sel

ections, and enclose an IRC (**Ambrosius, Tuff, Jones, Christie, Larsen)
LITHUANIA LYR (9.32), Kaunas, operates daily 7-9am, for Europe (UDXC)
NORWAY Call LKC, has now entirely replaced LKJL (9*526)
PORTUGAL CSW4 (15.1), Lisbon, has been heard irreg. in the morning

...Lisbon (9.74), which is irregular in operation of late, is now using a call which sounds like CSW7 (**NNRC, Sawyer, Shaffar)
SPAIN "Radio Malaga," Departamento de Radio, Gobierno Civil de Malaga, 700w, operates daily as follows: on 7.22mc, daily 9-10am* and 4-5:30pm, and on 14.44mc, daily 5:40-8:45pm (**Schrock, Legge)

SWEDEN SBP (11.705), being heard Sundays as late as 4:15pm* EST.

SWITZERLAND THE NEW STATION is testing nightly for S.A. on 15.36mc, from 6:45 to 7:45pm, and for N.A. on 11.865mc, from 8 to 9pm. Reports should be sent to Schweizerische Telegraph Verwaltung, Bern (**Reinhard)... HB9D (7.3), operates Wednesdays at 4pm (*Reinhard)... HBO (11.402), and HBL (9.345), have been testing with Mexico between 11:35 and 12:05am (*Shaffar)

TURKEY Station heard testing and signing-off near 4pm, believed to have been new Ankara station (**Pratt). Freq. was 15.18mc.

U.S.S.R. The mystery station on 15.18mc, which signs-off daily at 4pm, with clock striking midnight, followed by "Internationale" is obviously in Moscow, not in Turkey, or Finland. This station was heard with R9 signals while testing in parallel with RKI (15.08). No English announcements are given (**Christie)... RKI (15.08), heard giving news in English daily at 2pm (Larsen)

VATICAN CITY Identification signals for HVJ (15.12), are: clock ticking for 5 mins. prior to broadcast; clocks of St. Peter sounding the hour, and the phrase "Laudetur Jesus Christus" as opening ann. (Jones)

== AFRICA ==

BELGIAN CONGO NEW: RADIO LEO (6.14), owned by two Jesuit priests Fathers Comeliau and Mols, 7 Ave. Lippens, Leopoldville, power 25w, operates Sunday, and holidays 5:35-7am EST, and occasionally near 10am (**Com.Bul)... Amateur OQ5ZZ (14), with the 10th Gatti African Expedition, and operating from a electric light plant on a truck, will be heard from sometime in August on (**WGITH-Moore-Fisher)

ETHIOPIA "Radio Addis Abeba (9.6), power 1kW, may soon operate also on the 25 meter band (Radiocorriere)

GOLD COAST Experimental short-wave transmissions are being made at Acora, with the view of establishing a large station there (Com.Bul.)

KENYA VQ7LO, heard on freq. of 10.73mc, at 9pm, with program for NBC. The op. gave the call as "VQ7LO, telephone call VGG" (**Legge)... Amateur VQ4KTF is being heard on a freq. of 14.08 (*Fisher)

MADAGASCAR "Radio Tananarive," Tananarive, operates simultaneously on 10.95, 9.51 and 6.072mc, daily, 12:30-12:45, and 10 to 11am; weekdays 3:30 to 4:30am, and on Sundays 2:30 to 4am (**Reinhard, Brewer)

MOZAMBIQUE The Radio Club de Mocambique, Laurencio Marques, will soon put a new 600w transmitter into operation on 3.49, or 6.137mc (Tune In)
SO. RHODESIA ZEA (5.882), Salisbury, 325w, operates Sun. 3:30-5am and 1:15-3:15pm, Mon/Tues 1:15-3:15pm, Mon 11am-noon, and Wed. 10-10:45, and 11am to noon (NZDXRA) (am again, daily ex. Sat.)

SO. AFRICA ZRH (9.523), Roberts Heights, now operating 11:45pm-12:45

SPAN. MOROCCO BA9AH (13.992), Tetuan, operates daily 4-8pm, with news in English at 4:20 and 5:30pm; relays Salamanca at 4:45 and 7pm (*Pratt)... BA9AI, owned by Dr. Angel Mora, Canalejas 1, Melilla, power 200w, operates Sat/Sun, on either 7.151 or 7.186mc, 10-11am (**Legge)

SUDAN Amateur ST2CM is operating on 14.32mc (DeMyer*)

TRIPOLITANIA A new S.W. xmtr. now under construction in the Zanzur oasis, will be testing soon, and officially inaugurated on Oct. 28.

== ASIA AND OCEANIA ==

AUSTRALIA Revised sked for VK2ME (9.59): Sundays mid-2, 4:30-8:30, 10:30am-12:30pm... Correct QRA for VK3ME: Amalgamated Wireless (Australia) Ltd., Broadcasting Dept., "Wireless House," 167-169 Queen St., Melbourne Cl; for VLR: Australian Broadcasting Commission, T and G Bldg., Russell St., Melbourne Cl. (Herzog)... VK9MI (6.01), S.S. Kanimbla will broadcast next, on Thurs, Sept. 1, 2:15-2:45am (CDXR)... VK5DI

(14.085-90(, announcing as "Experimental Broadcasting Station 5DI," was heard on Sun, June 12, 1:10-1:37am. Signs-off with kookaburra and selection "God Save the King." Is on every Sunday (**Clein)

BURMA Amateur XZ2EZ (14.2-14.36), issues one of the most beautiful cards in the world (Fisher)

CEYLON VPB (6.15),Colombo, 400w, operates daily from 7 to 11am or later. Address: Chief Telecommunication Engineer,P.O.Box 503.

CHINA The S.W. relay for XGOW in Hankow is XGX, according to T.Y.Yoo of the Central Broadcasting Administration, Chungking. This 150 watt xmtr. operates on a freq. varying from 9 to 9.25mc, daily 5-10am, or later. A powerful 35kW S.W. xmtr. is under construction by the Govt (**Walcott). . NEW: Com. xmtr. XTJ (11.691), announcing as "The Voice of China," Hankow, broadcasts news in French, German, Japanese, and Chinese, daily 7-7:30am, and in English daily mid-12:30am. Reports can be sent to P.O.Box 90, Hankow. XTJ at other hours phones XTZ-XRB (9.485), Canton; XTR (9.4) or XTS (11.44), Swatow; or Chungking on 11.44mc. Sometimes XTK (9.08), Hankow, is used in place of XTJ. XRB calls KWV, Dixon, Calif. daily at 9:15-9:30am (**Walcott, Honda, Balbi, Amers, Clein). . Amateur XU8RB (14.06-8), frequently relays news in English from Canton station, from 9:15 to 9:45am (**Honda, Clein)

F.M.S. ZGE, Kuala Lumpur, has shifted again, to 6.24mc (*Walcott)

F.INDO-CHINA "Radio Boy-Landry" (6.2-9.76 and 11.71), Saigon, is operating daily 7:30-9:15am. Best heard on 9.76. Chinese or Annamite programs from 7:30-8:15, followed by French program. Interval signal is simple theme on chimes, and station signs with "La Marseillaise" (**Walcott, Amers); Other stations are: "Radio Hanoi I," Hanoi, on 9.51mc; Radio Hanoi II, Hanoi, on 11.9; Radio Haiphong, Haiphong, and Radio Michel-Robert (9.4) (**Breen)

HONG KONG ZBW4 (15.18), heard signing-off with "God Save the King, at 1:30am (Honda)**)

INDIA VUD2 (9.59), Delhi, being heard 7:30am-12:30pm, in Calif, sometimes in parallel with xmtr. on 4.99mc. Is QRM'ed by VK6ME until 8am. Signals best at 8:30am (*Amers, Balbi, Walcott, Tune In). . VUE3 (15.16), Delhi, inaugurated on June 3, comes on air at 8:30pm EST, with clock striking 7 times, and English announcement, "Good Morning everybody, this is All-India Radio calling you from Delhi. "Other Delhi xmtrs: VUD4 (15.29), VUD3 (11.87), VUD2 (9.59), VUE2 (29.575), and VUE (6.085). Madras station is VUM2 (6.085) (**Pratt, Soplop, Christie, Walcott, Forrest)

IRAQ A NEW 500w S.W. xmtr. owned by King Ghazi, at Baghdad, operates about four times a week on a freq. of 7.11mc (**Com. Bul.)

JAPAN JZL (17.785), on daily 6-6:30pm, replacing JZK (*NNRC). . JVH (14.6), on Sat. at 11pm with baseball games (*Nelson). . JZB on 10.96, still relays JZJ to 9:30am irreg. (*Honda). . NEW ship-shore telephone circuit on 6.65, works Kobe on 8.35 or 12.6, or Moji (6.17), from 2 to 5am intermittently (**Walcott)

JAVA YDA (7.41), Batavia, operates daily 10:30pm-2am and on Sat. from 7:30pm-2am (*Tune In)

MANCHOUKUO TDE (10.065), sent specific veri' from Hsinking (DeMyer)

NEW GUINEA PK6XX (14.02-14.196), is base-camp station of Archbold Exped. of Am. Museum of Nat. History, at Hollandia, Dutch New Guinea. Com. freqs. are 6.425 and 11.355mc. Power of xmtr. is 300 watts and a rotary aerial is used. Contacts are made after 2am EST. Can be heard working W21WT on Mondays near 7am. No. QSL cards are available but those wishing to gamble on confirmations may write to Hollandia, or to W2BVB's home (**Walcott, E. Roberts, Clein, DeMyer, Weber, Fisher, I.G.)

PAPUA NEW: VHPM, Port Moresby, heard testing between 5:30 and 6:30am, on freqs. of 6.54 and 8.08 mc (**Walcott)

PHILIPPINES Com. phones heard between 5 and 8am: KZGF (5.465-6.79, and 7.41), KZGF # 2 (6.46- 5.81- 7.855); KZDB (6.66), Catsiano; KZGH (5.445-6.785), Iloilo; KZGG (5.21- 6.98), Cebu (**Walcott)

NEW ZEALAND NEW S.W. xmtr. at Wellington is testing on 6.975 and 3.53mc's, relaying programs of 2ZB. Reports solicited (**Hutchings)

SIAM NEW: Station at Saladeng, Bangkok, broadcasts on 6.11mc, Wednesdays 6:30-9:30am. All programs Siamese. Interval signal is series of six consecutive chimes (**Walcott, Clein)

S.S. ZHP, Singapore, heard on new freq. of 9.68mc, to 9:45am. Signed off with "God Save the King." (**Walcott)

SHORT-WAVE BROADCASTING STATIONS

SYMBOLS: N-NEW stations; F-frequency change; S-change in sked; B-frequency calibrations by Oxrieder-IDA Frequency Bureau; J- stations persisting in hopping about; V- varying in frequency; * See S.W. notes.

DIAL METERS	MEGS.	CALL	STATION	TIME
13.92	21.54	W8XK	Pittsburg, Penna	5:45-8am.
13.93	21.53	GSJ	Daventry, England	5:45am-noon. (13M)
13.94	21.52	W2XE	Wayne, New Jersey	6:30-9am; Sat/Sun 7am-noon
13.96	21.50	W2XAD	Schenectady, N.Y.	7-11am to S.A.
13.97	21.47	GSH	Daventry, England	5:45am-noon.
13.99	21.45	DJS	Zeesen, Germany	12:05-11am to Asia.
15.77	19.02	HS8PJ	Bangkok, Siam	Mondays 8-10am.
16.23	18.48	HBH	Geneva, Switzerland	Sundays 10:45-11:30am.
16.56	18.115	LSY	Buenos Aires, Argen.	Fridays 4-5pm.
16.84	17.82	2R06	Rome, Italy	Testing irreg. *
16.86	17.79	GRG	Daventry, England	1-3:15, 5:45am-noon, 12:20-6, 6:20-8:30pm.
16.87	17.785	JZL	Tokyo, Japan	6-6:30pm. *
16.87	17.78	W3XAL	Boundbrook, N.J.	8am-8pm. *
16.87	17.78	TPB2	Essarts, France	8:30-10am irreg. (625-9:30am) *
16.88	17.77	PHL2	Huizen, Holland	7:25-9:30am ex. Wed; Sun- (16M)
16.89	17.765	TPB3	Essarts, France	8:30-10am irreg. (pm)
16.89	17.76	DJE	Zeesen, Germany	12:05-10am; Sun 11:10-12:25
17.36	17.28	FZES	Djibouti, F.Somaliland	Aug 4/Sept. 1, 8-8:30am.
19.52	15.37	HAS3	Budapest, Hungary	Sundays 9-10am.
19.53	15.36	BRN	BERN, SWITZERLAND	Testing 6:45-7:45pm. *
19.56	15.34	DJR	Zeesen, Germany	8-9am, 4:50-10:45pm to C.A. *
19.57	15.33	W2XAD	Schenectady, N.Y.	11:15am-5, 5-6pm.
19.58	15.32	OLR5B	Prague, Czechoslov.	M/T/Th/F 6:55-9:55pm; Sun/W Sa 5-5:15pm; Su 5:55-8:55pm
19.60	15.31	GSP	Daventry, England	4:15-6, 6:20-8:30pm.
19.61	15.30	YDB	Soerabaja, Java	7:30pm-2am.
19.61	15.30	2R05	Rome, Italy	12:10-2, 7:30-9pm & irr. *
19.62	15.29	LRU	Buenos Aires, Argen	7-9am.
19.63	15.28	DJQ	Zeesen, Germany	12:05-5:50am, 4:50-10:45pm.
19.64	15.27	W2XE	Wayne, New Jersey	Noon-5pm Ex. Sa/Su; Sat/Sun 1:30-5pm to Europe (pm)
19.66	15.26	GSI	Daventry, England	1-3:15am, 12:20-4, 9:20-1130
19.67	15.25	WLXAL	Boston, Mass.	1-2pm ex. Sun; Sun 10-11am.
19.68	15.243	TPA2	Pontoise, France	1-4, 5-10am. (19M)
19.70	15.23	OLR5A	Prague, Czechoslov.	Same as OLR5B (15.32)
19.71	15.22	PCJ	Huizen, Holland	Tu 12:30-2am, Wd 9:30-11am.
19.72	15.21	W8XK	Pittsburg, Penna.	8am-midnight *
19.74	15.20	DJB	Zeesen, Germany	12:05-11am, 4:50-10:50pm.
19.74	15.195	DJB	Ankara, Turkey	Should be testing soon.
19.75	15.19	LAHTI	FINLAND	Mid-2am, 9-11:30am irreg. *
19.76	15.18	ZBW4	Hong Kong, Hong Kong	Irreg. *
19.76	15.18	MOSCOW	U.S.S.R.	Daily to 4pm. *
19.76	15.18	GSO	Daventry, England	4:15-6, 6:20-8:30pm. (415pm) *
19.78	15.17	TGWA	Guatemala, Guatemala	12:45-1:45pm; Sun 12:45-1:45pm *
19.78	16.165	OZH	Skamlebak, Denmark	Sundays 8am-1:30pm *
19.79	15.16	JZK	Tokio, Japan	12:30-1:30, 7-7:30, 8-9:30am
19.79	15.16	VUE3	DELHI, INDIA	8:30-11pm. *(4:30-5:30pm) *
19.79	15.16	XEWW	Mexico D.F., Mexico	Operates here irregularly.
19.80	15.155	SM5SX	Stockholm, Sweden	11am-5pm; Sundays 9am-5pm.
19.80	15.15	YDC	Bandoeng, Java	4:30-10:30am; 6-7:30pm ex. Sat; 10:30pm-2am; Sat 7:30pm
19.82	15.14	GSF	Daventry, England	5:45am-noon, 4:15-6pm/
19.83	15.13	TPB6	Essarts, France	1-3, 9-10am, 6-8:15pm *
19.83	15.13	WLXAL	Boston, Mass.	Mon. Thru Fri. 11am-noon.
19.84	15.12	HVJ	Vatican City, Italy	10:30-10:45am ex. Sundays.
19.85	15.11	DJL	Zeesen, Germany	12-2, 8-9, 10:40am-4:25pm.
19.89	15.08	RKI	Moscow, U.S.S.R.	3-4, 7-9:15pm; Sun 6:30am.
20.08	14.939	PSE	Rio de Janeiro, Brazil	Wed 4-4:10; Sat 3-3:30pm
20.11	14.92	KQH	Kahuku, Hawaii	Sundays 12-12:30am. *
20.55	14.60	JVH	Nazaki, Japan	10-11pm; Sat 11pm-1am. *
20.64	14.535	HBJ	Geneva, Switzerland	Sun 1:45-2:30pm; Mon 1:30-

				1:45am, 6:45-8:30pm
20.78	14.44		Malaga, Spain	5:40-8:45pm *
20.79	14.43	HCLJB	Quito, Ecuador	Sun 9-9:45pm & Irreg. *
N21.40	14.02	PK6XX	HOLLANDIA, NEW GUINEA	After 2am; Mondays 7am**
21.09	13.992	EA9AH	Tetuan, Spain, Morocco	4-8pm. *
22.00	13.635	SPW	Warsaw, Poland	6-9pm
23.32	12.865	W9XDH	Elgin, Illinois	Tests in afternoons irreg.
24.03	12.486	HIN	Trujillo City, D.R.	7:10-10:10pm.
SF24.08	12.46	HCJB	Quito, Ecuador	8-10:30pm ex. Mondays. *
24.52	12.235	TFJ	Reykjavik, Iceland	Sundays 1:40-2:30pm.
25.00	12.00	RNE	Moscow, U.S.S.R.	8:30-9:15, 10:15-11pm; Sun 6-7, 10-11am; Wd 6:30-7:30am. 7-11pm. *
NV25.02	11.99	CB1180	SANTIAGO, CHILE	
25.06	11.97	HI2X	Trujillo City, D.R.	Tues/Fri 8:10-10:10pm.
C25.15	11.928	TI2XD	SAN JOSE, COSTA RICA	6, or 8 to 11pm *
25.18	11.913	CD1190	Valdivia, Chile	10am-1pm, and 7-10pm.
25.21	11.90	XEWI	Mexico D.F., Mexico	7:30pm-mid; Su 12:30-2pm ir
25.21	11.90	HP5I	Aguadulce, Panama	7:30-9:30pm.
25.23	11.885	TPA3	Pontoise, France	10:15am-5, 6-8:15pm.
25.23	11.885	TPB7	Essarts, France	8:30-11pm to N.A.
25.27	11.87	W8XX	Pittsburg, Penna.	See (15.27) *
N25.28	11.865		BERNE, SWITZERLAND	Testing 8-9pm for N.A. ir**
25.30	11.86	GSE	Daventry, England	1-3:15am; 9:20-11:20pm ir.
S25.31	11.855	DJP	Zeesen, Germany	7:15-10:50pm for N.A. *
25.34	11.84	OLR4A	Prague, Czechoslov.	M/T/Th/F 6:55-9:55pm; Sun 5:55-8:55pm; 1:55-4:30p dly
25.36	11.83	W2XE	Wayne, New Jersey	5:30-10pm to S.A.
25.37	11.826	XEBR	Hermosillo, Mexico	1-4, and 9pm-midnight.
25.40	11.81	ZRO4	Rome, Italy	3am-9pm.
25.42	11.802	COGF	Matanzas, Cuba	6-11pm. (25M)
S25.42	11.80	JZJ	Tokio, Japan	2:30-4pm.
25.45	11.79	WLXAL	Boston, Mass.	3:30-5:30pm ex. Sat/Sun; Sat 5-5:30pm, Sun 2-5:30pm.
25.45	11.79	OER3	Vienna, Austria (Germany)	M.to F. 9am-5pm; Sat to 5:30pm; irreg. to 9pm.
N25.47	11.78	OFE	LAHTI, FINLAND	2:05am-1:05pm. *
S25.47	11.78	HP5G	Panama City, Panama	6-10, or 11 pm. *
25.49	11.77	DJD	Zeesen, Germany	10:35-4:25, 4:50-10:50pm.
25.50	11.76	TGWA	Guatemala, Guatemala	Evenings irreg.
25.50	11.76	OLR4B	Prague, Czechoslov.	See OLR4A (11.84)
25.50	11.76	XETA	Monterrey, Mexico	Noon-3:30pm. (9:20-11:20pm.
S25.53	11.75	GSD	Daventry, England	1-3:15, 12:20-4, 6:20-8:30, -8am-lam.
25.55	11.74	COCX	Havana, Cuba	8am-lam.
25.58	11.73	WLXAL	Boston, Mass.	Weekdays 8-10pm.
25.60	11.72	CJRX	Winnipeg, Canada	6pm-mid; Sun 3-9:30pm.
25.60	11.718	CR7BH	Laurencio, Mozambique	12-1, 4-6:30, 9:30-11am, -12:10-4pm; Sun 5-7am, 10a-2p
25.61	11.713	TPA4	Pontoise, France	8:30-11P.M. to N.A.
25.62	11.71	YSM	San Salvador, El Salvador	1-2:30pm.
FS25.62	11.71		Saigon, F. Indo-China	7:30-9:15am. (3am-4:15pm.*
S25.63	11.705	SBP	Motala, Sweden	1:20-2, 6-9, 11am-1:30pm; Sun
25.64	11.70	HP5A	Panama City, Panama	11am-1pm, 5-10pm, Sun 6-10pm
25.64	11.70	CB1170	Santiago, Chile	10am-2, 3:30-11pm.
N25.66	11.691	XTJ	HANKOW, CHINA	Mid-12:30am, -7-7:30am. *
26.01	11.535	SPD	Warsaw, Poland	6-9pm.
26.32	11.402	HBO	Geneva, Switzerland	Sun 7-7:45pm; Mon 1-1:15am, 6:45-8:30pm.
27:17	11.04	CSW2	Lisbon, Portugal	3-5pm. (2 ex. Sat; Sa 730p-2a
27.27	11.00	PLP	Bandoeng, Java	4:30-10:30a, 6-7:30, 10:30p-
27.40	10.95		Tananarive, Madagas	12:30-12:45, 3:30-4:30, 10-
28.14	10.66	JVN	Tokio, Japan	1:50-7:40am irreg. (11am.
28.30	10.60	ZIK2	Belize, Brit. Honduras	Tu/Th/Sa 1:30-2, 8:30-9pm
28.48	10.535	JIB	Taihoku, Taiwan	Relays JFK 9:05-9:55am.
28.79	10.42	XGW	Shanghai, China	Daily to 9, or 10 A.M.
V28.93	10.37	EAJ43	Tenerife, Canaries (Salamanca, Spain)	1:15-3:30, 4-6, 6:45-7:45, 8-8:45pm to N.A.
29.04	10.33	ORK	Ruyssede, Belgium	12:30-2pm to Belgian Congo
29.15	10.29	DZC	Zeesen, Germany	Sat 5-5:30pm & Irreg.

29.24	10.20	PMN	Bandoeng, Java	4:30-10:30am,6-7:30,10:30p -2am ex.Sat;Sat 7:30pm-2am
S29.35	10.22	PSH	Rio de Janeiro,Brazil	Mondays 8-8:30pm.
N29.76	10.08	TIEMT	SAN JOSE,COSTA RICA	4:30pm-midnight approx.*
JF30.06	9.98	COBC	Havana, Cuba	6:55 A.M. - 1 A.M.
30.18	9.94	JDY	Darien,Kwantung	7-8 A.M.
VF30.45	9.855	COCM	Havana, Cuba	8 A.M. - Midnight
SV30.45	9.855	EAQ	Madrid, Spain	2:45-3:05am,2:40-3;10,3:40 -4:10,6:30-8,7:40-8:10pm.*
F30.58	9.81	IRF	Rome, Italy	Relays 2R04 6-9pm.
S30.74	9.76		Saigon,F.Indo-China	7:30-9:15am. *
V30.80	9.74	CSW3	Lisbon, Portugal	5-8pm. *
FJ30.92	9.705	COCQ	Havana, Cuba	6:55am-1am. *
30.93	9.70	TI4NRH	Heredia,C.R.	Tu/Th/Sat 9-10pm; Su 7-9am.
V30.93	9.70		Fort-de-France,Martinique	6-8pm.(Sat/Sun 7-9p
S30.96	9.69	LRA	Buenos Aires,Argen	Mon.to Th 6-9pm;Fri 4-9pm-
30.98	9.685	TGWA	Guatemala;Guatemala	10-11:30pm ex.Su;Su 7-
F30.99	9.68	ZHP	Singapore,S.S.	Heard to 9:45am *(11:30pm-
31.06	9.66	LRX	Buenos Aires,Argen	9:30am-10:30pm;Sat to mid-
J31:09	9.65	CS2WA	Lisbon, Portugal	Tues/Thurs/Sat 3-6pm.
31.11	9.645	HHSW	Port-au-Prince,Haiti	1-2, 7-9pm.
V31.12	9.64	CXA8	Colonia, Uruguay	Relays LRS 7am-mid.
31.13	9.636	JFO	Taihoku, Taiwan	4-10:30am.
31.15	9.63	HJ7ABD	Bucaramanga, Colom.	5:45-6:30,11am-1,6-10:30pm
31.20	9.618	HJ1ABP	Cartagena,Colombia	Weekdays 9am-1:30pm, 4:30- 10pm; Sun 4:30-9pm.
J31.22	9.61	ZRK	Klipheuvell,S.Africall	4:45pm- 12:45am ex. Sat; 3:20-7:20,9-11:45am.
V31.24	9.604	HP5J	Panama City,Panama	Noon-1:30pm,6:30-10:30pm.*
31.25	9.602	KEYU	Mexico City,Mexico	3:40-4:30,8pm-midnight.
31.25	9.60		Addis Ababa,Ethiopia	
J31.25	9.60	RAN	Moscow,U.S.S.R.	7-9:10pm for N.A.
S31.28	9.59	PCJ	Huizen, Holland	Sun 2-3a,7-8, 8:25-9:25pm; Tu 1:45-3:40, 7-8:30,8:45- 10:15;Wed 7-9pm.
31.28	9.59	VK6ME	Perth,W.Australia	Weekdays 6-8am.(1030a-1230
S31.28	9.59	VK2ME	Sydney,Australia	Sundays 12-2,4:30-8:30,-
31.28	9.59	W3XAU	Philadelphia,Penn.	M/Th/Sa noon-mid; Tu/Fr/Sun 11pm-mid; Wed 9pm-mid.(mid
S31.30	9.585	VUD2	Delhi, India	2-4,7:30am-12:30,9:30pm-
S31.32	9.58	GSC	Daventry,England	12:17-1:15,9:20-11:20pm.
31.32	9.58	VLR	Melbourne,Australia	9:35pm-2am,Wkdays 3:30 to 8:30am.
S31.35	9.57	WLXK	Springfield,Mass.	5am-mid. *
31.25	9.57	KZRM	Manila,Philippines	5-10am,4:30-6pm;Sun 4-10am
31.37	9.565	VUB2	Bombay, India	9:30pm-mid,2-4am irregular
31.38	9.562	OAX4T	Lima, Peru	7-8,11:30am-1:30pm4-6:15p
31.38	9.56	DJA	Zeesen, Germany	12:05-11am,4:50-10:45pm.
31.41	9.55	YDB	Soerabaja, Java	4:30-10;30am;6-7:30,10:30p -2am ex.Sat;Sat 7:30pm-2am
31.41	9.55	TPB12	Essarts, France	1-4am, 10:15am-5pm.
31.41	9.55	OLR3A	Prague,Czechoslov.	Mon/Tues 4:40-5:10pm.
S31.41	9.55	W2XAD	Schenectady,N.Y.	6:15-10pm to S.A.
31.41	9.55	XEFT	Veracruz, Mexico	7:30pm-midnight.
31.45	9.54	DJN	Zeesen, Germany	4:50-10:50pm to S.America.
31.46	9.538	VPD2	Suva, Fiji's	5:30-7am ex.Sundays.
31.47	9.535	JZI	Tokio, Japan	Not operating at present.
31.48	9.53	W2XAF	Schenectady,N.Y.	3-5, 5-11pm to S.A.
31.49	9.526	LKC	Jeloy, Norway	4:30-10:30am;Sun 2:30-1030
JV31.50	9.526	XEDQ	Guadalajara,Mexico	Noon-4:30pm, 8-11:30pm.
31.50	9.525	ZBWS	Hong Kong,Hong Kong	4-11am; Sun 3-9:30am etc.
S31.50	9.523	ZRH	Roberts Heights,S.Africa	11:45-12:45,5-7:30am; Sunday 4-5am etc.
31.51	9.52	TPB13	Essarts, France	1-2am irreg.
31.51	9.52	HJ6ABH	Armenia, Colombia	8-11am, 6-10pm.
31.51	9.52	OZF	Skamlebak, Denmark	8-9:30pm; 9:30-11pm to N.A.
31.55	9.51	GSB	Daventry, England	1-3:15am,12:20-6, 6:20-8:30 pm, 9:20-11:20pm.

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V31.55	9.51	HS8PJ	Bangkok, Siam	Thursdays 8-10am.
31.58	9.50	XEWW	Mexico D.F., Mexico	9am-midnight.
31.58	9.50	PRF5	Rio de Janeiro, Brazil	4:45-5:55pm ex. Sundays.
N31.58	9.50	OFD	LAHTI, FINLAND	1:15-6pm. *
31.58	9.50	VK3ME	Melbourne, Australia	4-7am except Sundays.
V31.61	9.49	OAX5C	Ica, Peru	8-11:30pm. (-7, 7:40-8:10pm.)
V31.62	9.488	EAR	Madrid, Spain	2:45-3:10am, 3:40-4:10, 6:30
31.70	9.465		Ankara, Turkey.	
31.77	9.445	HCODA	Guayaquil, Ecuador	8:15-10:15pm ex. Sundays.
31.81	9.43	COCH	Havana, Cuba	8am-11pm; Sun 8am-10pm.
31.98	9.38		Tananarive, Madagascar	12:30-12:45, 9-10am, 3:30p
V32.07	9.354	HC1ETC	Quito, Ecuador	8-11pm Saturdays
32.10	9.348		Fort-de-France, Martinique	5:30-6:30am, 7-8pm.
32.12	9.34	OAX4J	Lima, Peru	Noon-3, and 5pm to mid. *
N32.19	9.32	LXR	KAUNAS, LITHUANIA	7-9am for Europe. *
32.29	9.29	HIG	Trujillo City, D.R.	7:30-9am, Noon-2:30, 4-9pm.
32.29	9.29		Shanghai, China	8-9:05am.
32.59	9.205	COBZ	Havana, Cuba	Relays CMBX 8am-11:30pm.
32.70	9.176	HC1GQ	Quito, Ecuador	Mon/Wed/Sat 9-11pm.
SJ32.74	9.165	HC2CW	Guayaquil, Ecuador	7-11:30pm; Sun 3:30-6pm. *
32.87	9.125	HAT4	Budapest, Hungary	Sun/Wed 7-8pm; Sat 6-7pm.
32.97	9.10	COCA	Havana, Cuba	Noon-6pm.
CJ33.00	9.09	XGX	HANKOW, CHINA	5-10am. *
S33.00	9.09	PJ2C	Curacao, D.W.I.	6:36-8:36pm; Su 10:36am-
F33.32	9.005	CORZ	Havana, Cuba	7:45am-1:15am. (12:36pm
V33.48	8.96	COKZ	Santiago, Cuba	5-6, 9:30-10:30pm. (pm
34.66	8.664	COJK	Camaguey, Cuba	11:30am-12:30pm, 3:30-6, 8-9
V34.68	8.65	HJ4ABU	Medellin, Colombia	Weekdays 7-10pm.
V34.97	8.58	YNPR	Managua, Nicaragua	12:45-2:15, 6:45-10:15pm.
N37.13	8.08	VHPM	PORT MORESBY, PAPUA	Heard testing 5:30-6:30am*
38.00	7.894	YSD	San Salvador, El Salvador	7-10:30pm.
38.12	7.87	HC1RB	Quito, Ecuador	8:30-11:30pm.
38.20	7.854	HC2JSB	Guayaquil, Ecuador	11am-2pm, 4-11pm.
40.04	7.492		Franco war station	evenings irreg.
C40.27	7.45	TI2RS	San Jose, Costa Rica	7-11pm.
F40.49	7.41	HCJB4	Portoviejo, Ecuador	evenings irreg.
F40.49	7.41	YDA	Batavia, Java	10:30pm-2am; Sat. 7:30pm-2am
40.65	7.38	XECR	Mexico D.F.	Sundays 6-8pm.
40.88	7.355		Franco war station	evenings irreg.
41.10	7.30	EASAB	Tenerife, Canary Islands.	
N41.55	7.22		Malaga, Spain	9-10am, 4-5:30pm. *
41.80	7.177	CR6AA	Lobito, Angola	Wed/Sat 2:30-4:30pm.
42.09	7.128	YN3DG	Leon, Nicaragua	2-2:30, 8:30-9:30pm ex. Sun
N42.19	7.11		BAGHDAD, IRAQ	Evenings irreg. *
42.25	7.10	FOSAA	Papeete, Tahiti	Tues/Fri 11pm-12:30am.
N43.01	6.975		WELLINGTON, N.Z.	Testing. *
44.18	6.79	PZH	Paramaribo, D. Guiana	Mon/Wed/Fri 5:41-8:41pm.
V44.28	6.775	HH1H	San Pedro, D.R.	7:40-9:10pm; Sun 5:20-6:40p
V44.36	6.763	HI7P	Trujillo City, D.R.	7:10-8:40pm; Sun 9:40-10:40p
V44.47	6.747		Franco war station	evenings irreg.
44.51	6.74	HC1TQ	Quito, Ecuador	Sundays 5-7pm.
44.60	6.727	PMH	Bandoeng, Java	4:30-11am; Sun 9:30pm-1:30a
V44.86	6.687	TIEP	San Jose, C.R.	7-10:30pm.
N45.08	6.655	HI5G	La Vega, D.R.	to 6:10P.M. ex. Sundays.
45.45	6.60	HI6H	Trujillo City, D.R.	Signs-off at 10pm.
B45.22	6.635	HC2RL	Guayaquil, Ecuador	Sun 5:30-7:30pm; Tu 9-11pm.
45.25	6.63	HIT	Trujillo City, D.R.	12:10-1:40pm, 4:40-8:40pm.
B45.29	6.626	PRADO	Riobamba, Ecuador	Thursdays 9-11pm.
V45.39	6.61	YNLG	Managua, Nicaragua	1:30-2:30, 6-10:15pm.
45.70	6.585	HI5P	Puerto Plata, D.R.	5:40-7:40, 9:40-11:40pm.
45.80	6.55	TIRCC	San Jose, C.R.	Tu/Th/Sa 6-7pm; Sun 8-10pm.
45.84	6.545	YVGRB	Bolivar, Venezuela	6:30-9:30pm ex. Sundays.
V46.01	6.52	YV4RB	Valencia, Venezuela	10:30am-1:30pm, 5:30-9:30pm
JF46.11	6.507	YN1GG	Managua, Nicaragua	1-2:20, 8-10pm ex. Sundays.
46.15	6.50	HIL	Trujillo City, D.R.	12:30-2, 6-8, or 9pm ex. Sun
46.26	6.485	HI1L	Santiago d.l.c. DR.	Weekdays 5:30-9:30pm.
46.41	6.465	YV3RD	Barquisimeto, Venez	11:30am-1:30pm, 5:30-9:30pm
S46.44	6.455	HI4V	S.F. de Macoris, D.R.	5:10-7:40pm, to 10pm irreg.

J46.58	6.44	TGQA	Quezaltenango, Guat.	9-11pm ex.Sat/Sun; Sat 9pm-lam; Sun 1-3pm.
46.66	6.43	H1LS	Santiago, D.R.	5:40-7:10pm ex.Sundays.
46.77	6.416	YV6RC	Bolivar, Venezuela	10:30am-1:30pm; 4:30-9:30pm
46.80	6.41	TIPI	San Jose, C.R.	7-9:30am, 12-2, 4-11:30pm
46.88	6.40	YV5RH	Caracas, Venezuela	5-9:30pm ex.Sundays.
S46.99	6.384	VP2LO	Basseterre, St.Kitts	4-4:45pm, Wed. 7:30-8pm.
47.02	6.38	YV5RF	Caracas, Venezuela	11am-1pm, 5:30-9:30pm ex.Su
J47.06	6.375	TIWS	Puntarenas, C.R.	5-7, 8:30-10; Sun 5-6pm.
47.14	6.365	YV1RH	Maracaibo, Venezuela	10:30am-1:30; 4:30-10:30pm
47.20	6.357	HRP1	San Pedro Sula, Honduras	7:45-10pm Ex.Sundays.
47.32	6.34	H1LX	Trujillo City, D.R.	Tues/Fri 8:10-10:10pm.
47.36	6.334	OAXLA	Chiclayo, Peru	8-11pm.
47.43	6.324	COCW	Havana, Cuba	6:55-1am; Sun 9:55am-10pm.
F47.51	6.315	H1Z	Trujillo City, D.R.	5:10-7:40pm ex.Sundays.
47.62	6.30	YV4RD	Maracay, Venezuela	6-11pm except Sundays.
47.66	6.295	OAX4C	Lima, -Peru	7pm-midnight.
V47.69	6.29	H1G	Trujillo City, D.R.	7:30-9, 11:40am-2, 3:40-8:40
V47.85	6.27	YV5RP	Caracas, Venezuela	4:30-9:30pm, or later.
47.96	6.255	YV5RJ	Caracas, Venezuela	5:30-8pm.
V48.05	6.243	H1N	Trujillo City, D.R.	5:25-10:10pm, or later.
F48.08	6.24	ZGE	Kuala Lumpur, FMS	Sun/Tues/Fri 6:40-8:40am.
48.11	6.235	HRD	La Ceiba, Honduras	8-11pm; Sun 4-6pm.
48.19	6.225	YV1RG	Valera, Venezuela	11:30am-1pm, 5:45-8:45pm.
SV48.31	6.21		Saigon, F. Indo-China	7:30-9:15am.
48.43	6.195	H12D	Trujillo City, D.R.	5:10-7:10pm.
FV48.43	6.195	TG2	Guatemala, Guatemala	6-11pm ext.Sat/Sun; Sat 6pm-lam; Sun 7-11am, 3-8pm
V48.47	6.19	H11A	Santiago, D.R.	10:40am-1:40pm, 6:40-9:40pm
B48.60	6.172	XEXA	Mexico D.F., Mexico	8:30-10:30am, 2:30-4:30, 7pm-midnight, or later.
B48.73	6.156	YV5RD	Caracas, Venezuela	3:30-10P.M.; Sun 8am-10:30pm
B48.78	6.15	H15N	Moca City, D.R.	6-7am, Noon-2pm, 6-9:30pm.
S48.78	6.15	VPB	Colombo, Ceylon	7-11am, or later. *
48.78	6.15	ZP14	Villarica, Paraguay	4-6pm.
V48.78	6.147	CJRO	Winnipeg, Canada	6pm-mid; Sun 3-9:30pm.
48.81	6.147	ZEB	Bulawayo, S.Rhodesia	Su 3:50-5am; M/W 1:15-3:15pm; Tu/T 11am-Nn, Th 10am-9:30am-1pm, 5-11:30pm.
48.82	6.145	HJ4ABE	Medellin, Colombia	9:30am-1pm, 5-11:30pm.
S48.86	6.140	W8XK	Pittsburg, Penna.	See (15.21) *
N48.86	6.140		LEOPOLDVILLE, BEL.	CONGO Sundays 5:35-7am *
48.88	6.137	CR7AA	Laurenco Marques, Moz.	12-1, 4-6:30, 9:30-11am.
48.93	6.132	VE9HZ	Halifax, N.S., Canada	irregular. (Su 4:45-6:45pm)
V48.94	6.13	VP3BG	Georgetown, B.Guiana	10:15-11:15am, 3-7:45pm;
C48.94	6.13	LKJ	Jeloy, Norway	10:30am-5pm.
48.94	6.13	COCB	Havana, Cuba	10am-11pm; Su 10am-9pm.
V48.98	6.125	CXA4	Montevideo, Uruguay	8am-noon, 2-10pm.
49.00	6.122		Noumea, New Caledonia	Tues/Sat 3-4; 30am.
V49.00	6.122	HP5H	Panama City, Panama	6-10pm, to mid. irreg.
49.02	6.12	W2XE	Wayne, New Jersey	10:30-11:30pm.
B49.04	6.117	XEUZ	Mexico D.F., Mexico	9am-1pm, 7pm-2am.
N49.10	6.11		BANGKOK, SIAM	Wednesdays 6:30-9:30am. *
49.11	6.108	HJ6ABB	Manizales, Colombia	5:30-10pm ex.Sun; Sat to 11
S49.18	6.10	W3XAL	Boundbrook, N.J.	8pm-midnight. *
S49.18	6.10	W9XF	Chicago, Illinois	Mid-lam.
V49.18	6.10	YUA	Belgrade, Yugoslavia	1-3, 6:30-8:30am, Nn-6:30pm
49.20	6.097	ZRK	Klipheuvell, So.Africa	11:45am-4pm; Sun Nn-3:20p
49.20	6.097	ZRJ	Johannesburg, S.Afr.	11:45pm-11:30am.
49.30	6.085	HJ5ABD	Cali, Colombia	7-11pm ex.Sundays.
49.30	6.085	VUB	Bombay, India	1-3:30am, 9-10:30pm.
J49.30	6.085	XECU	Guadalajara, Mexico	Evenings irreg.
49.32	6.083	VQ7LO	Nairobi, Kenya	6-6:30am, 11:45am-2:45pm &-5-10pm.
49.33	6.081	YV1RD	Maracaibo, Venez.	7pm-1:30am ex.Sundays.
49.37	6.077	OAX4Z	Lima, Peru	7pm-1:30am ex.Sundays.
V49.38	6.075	VP3MR	Georgetown, B.Guiana	4:15-8:15pm; Su 7:45-10:45
49.39	6.073	HJ3ABF	Bogota, Colombia	7pm-mid. except Sun. (pm
49.40	6.072	OER2	Vienna, Austria (Germany)	9am-5pm; Sat to 5:30p
S49.42	6.07	CFRX	Toronto, Canada	6:30am-11pm; Sun 10am-11pm.

49M

49.46	6.065	SBO	Motala, Sweden	1:30-5pm	(9pm)
49.50	6.06	W3XAU	Philadelphia, Penna	Tu/F/Su Noon-mid; Wed Noon-	
49.50	6.06	W8XAL	Cincinnati, Ohio	5:45-7pm; 10pm-1am; Su 7am-	
49.53	6.057	ZHJ	Penang, S.S.	6:40-8:40am ex. Sunday (7pm)	
49.56	6.053	HJ6ABA	Pereira, Colombia	9am-noon, 6:30-10pm.	
49.63	6.045	XETW	Tampico, Mexico	7-11pm.	(am on Sun)
49.65	6.042	HJ1ABG	Barranquilla, Colom	6:30-11pm ex. Sun (to 2:30)	
49.67	6.04	W1XAL	Boston, Mass.	Weekdays 6-7:45pm.	
49.67	6.04	W4XB	Miami, Florida	1-3, 9pm-midnight.	
SB49.73	6.033	HP5B	Panama City, Panama	10:30am-2, 6-10pm.	*
49.75	6.03	VE9CA	Calgary, Alta, Canada	10am-2am.	
49.75	6.03	RV59	Moscow, U.S.S.R.	5-6, and 10-11pm irreg. (pm)	
49.75	6.03	OLR2B	Prague, Czechoslov.	Wed. 5:10-5:40; Th 4:40-5:10	
49.81	6.023	XEUW	Veracruz, Mexico	10pm-lam.	
49.83	6.02	DJC	Zeesen, Germany	10:40am-4:25pm to Africa.	
V49.86	6.017	HL3U	Santiago, D.R.	4:40-9:40pm ex. Sundays.	
49.88	6.015	PRAB	Pernambuco, Brazil	5-9pm. (Sun 5:40-7:40am)	
49.90	6.012	ZHO	Singapore, S.S.	4:40-9:40am; Sat 5:40-9:15a	
V49.92	6.01	COCO	Havana, Cuba	7:55am-midnight.	
49.92	6.01	OLR2A	Prague, Czechoslov.	Same as OLR2B (6.03)	
49.92	6.01	CJCX	Sydney, Nova Scotia	7am-1:30, 4-8:30pm.	
S49.92	6.01	9MI	S.S. Kanimbla	Sept. 1, 7-8am	*
49.94	6.007	KYO	Rangoon, Burma	Heard 9-9:45am irreg.	
49.94	6.007	ZRH	Roberts Heights, S. Afr.	11:45pm-12:45am, 5-7:30	
49.94	6.007	ZRJ	Klipheuvell, S. Africa	3:30-4pm.	
V49.95	6.005	CFCX	Montreal, Canada	6:45am-mid; Sun 10am-11pm.	
V49.95	6.005	HP5K	Colon, Panama	7-9am, 12-1pm, 6-11pm.	
49.99	6.002	CXA2	Montevideo, Uruguay	7:30-10:30pm.	
50.00	6.00	XEBT	Mexico D.F., Mexico	10am-1:45am.	
50.04	5.995	VUD	Delhi, India	6:30am-12:30pm irreg.	*
50.08	5.99	HJ3ABX	Bogota, Colombia	5:30-11:30pm; Sun 6-11pm	
50.20	5.977	CS2WD	Lisbon, Portugal	2:30-5:30pm; Sun/Thur 6-7am	
50.21	5.975	OAX4P	Huancayo, Peru	9-11pm. (-9:30p	
F50.25	5.97	YV5RC	Caracas, Venezuela	4-10pm; Sun 8:30-11:30, 3:30	
S50.51	5.94	TG2X	Guatemala, Guatemala	4-6, 10pm-midnight.	*
50.55	5.935	YV1RL	Maracaibo, Venezuela	11am-1pm, 4:30-10:30pm.	
J50.63	5.925	NH2S	Port-au-Prince, Haiti	7-11pm ex. Sundays.	
50.73	5.913	YV4RH	Valencia, Venezuela	5-9:30pm.	
50.81	5.905	TILS	San Jose, C.R.	Noon-2:30pm, and 6-11pm.	
50.85	5.90	ZNB	Mafeking, Bechuanaland	1-2:30pm; 6-7:30am ex. Su	
V50.89	5.895	YV3RA	Barquisimeto, Venez	5:30-9:30pm ex. Sundays.	
50.98	5.885	HI9B	Santiago, D.R.	6:40-8:40pm.	
S51.07	5.875	HRN	Tegucigalpa, Honduras	7-10pm.	*
51.24	5.855	HI1J	San Pedro, D.R.	11:40am-1:40pm, 6:10-8:40pm	
51.32	5.845	YV1RB	Maracaibo, Venezuela	10:45-12:40pm, 4:30-9:30pm	
V51.51	5.824	TIGPH	San Jose, C.R.	Noon-2pm, 7-11pm ex. Sunday	
N51.64	5.81	YV4RA	VALENCIA, VENEZUELA	Heard testing on June 22.*	
52.08	5.758	YNOP	Managua, Nicaragua	8:30-10:30pm ex. Sun.	
J52.22	5.745	YV2RA	San Cristobal, Venez.	5:30-9pm ex. Sundays.	
52.51	5.713	TG25	Guatemala (mobile)	Evenings irreg.	*
53.31	5.145	OK1MPT	Prague, Czechoslov.	Fr 3:40-4pm; Sa 3:25-4:30pm	
61.22	4.90	HJ3ABH	Bogota, Colombia	6-11pm.	
61.48	4.88	HJ4ABP	Medellin, Colombia	7-11pm ex. Sundays.	
61.97	4.841	HJ3ABD	Bogota, Colombia	6-11:30pm.	
62.24	4.82	HJ7ABB	Bucaramanga, Colombia	6-11pm ex. Sundays.	
62.50	4.80	HJ1ABE	Cartagena, Colombia	8-10:30pm.	
62.76	4.78	HJ1ABB	Barranquilla, Colom.	4:30-11pm ex. Sundays.	
F63.03	4.76	HJ2ARJ	Santa Marta, Colom	5:30-10:30pm ex. Sundays.	
63.34	4.736	HJ6AEC	Ibague, Colombia.	7-10pm Ex. Sundays.	
65.22	4.60	HC2ET	Guayaquil, Ecuador	Wed/Sat 8-10pm.	
70.26	4.27	RV15	Khabarovsk, U.S.S.R.	11pm-11am.	
73.05	4.107	HCJB	Quito, Ecuador	14:45-10:15pm Ex. Mondays.	

--STOP PRESS--

CSW, Lisbon, will be increased in power to 50kW. . Valparaiso, Chile, is to have a new 1kW S.W. stations to work on 15.lmc. . The new Tripoli S.W. station, IQN (9.46), 5kW, is in operation. (NOTE: "Over 30 Megs" had to be omitted this month on account of very tight space-Ed)

BROADCAST BAND DX

"I have been dx'ing throughout the season as my health would permit and so far have verified the following BCB stations for the 1937/1938 season: PRG2-PRD2-CMCK-WWJ-WDBJ-WCFL-WDEL-LT1-IS1L-CBF-CBM-and GBL. Up to date I have sent reports to 210 transatlantic stations" (W.K.Walton, England).. "BCB DX is still in sight. While at Roberts house in Danvers, Mass. on June 14, we heard some good SA's. I heard the usual Argentines and in addition the one on 1150kC- I think it was LS8 trying to come in. Brazilians heard about 9pm on 1220 and 1000kC while others were heard to some extent. A few nights ago I heard the Brazilian on 1220 with only a metal ceiling for an aerial" (Lippincott, Mass). . . . VERI'S RECEIVED RECENTLY: 4 QR-2NR-4BK-7ZL-7NT-2BE (100w) (Gustafson-111); Stuttgart-Toulouse-Biffel Tower-YVIRF-TILS-TIPG-TIX-2ZB-2YC-TGL (Bartholomew-NY); Paris-3GI-2NR (Eck-Mich.)

BROADCAST BAND STATION LISTS

NEWFOUNDLAND			
VOWR	675kC	500w	St. John's
VOGY	841	100	St. John's
VOAS	940	100	St. John's
VOCM	1006	50	St. John's
VONF	1195	500	St. John's
VOAC	1300	20	St. John's

The transmissions of the church stations VOWR and VOAC are confined almost entirely to broadcasts from their churches. VOAS owned by Ayre and sons.Ltd., a large department store, broadcast for one hour each morning and afternoon, mostly advertisements and phonograph recordings. Stations VONF and VOGY, operated by the Dominion Broadcasting Co., are on the air weekdays from noon to 2pm and from 6 to 8pm- irregularly to 11pm AST.

COSTA RICA

TIRA	560		Cartago
TIMC	560	10w	San Jose
T15CV	575	100	Alajuela
TIFA	600	250	San Jose
TIPG	625	1000	San Jose
TIGPH	650	1000	San Jose
T14WX	690	250	Heredia
T14GH	730	1000	San Jose
TIRM	750	500	San Jose
TILJ	775	450	San Jose
TIXD	800	100	San Jose
TIEP	830	3000	San Jose
TIVL	860	50	San Jose
TILS	880	500	San Jose
T13TS	900	100	Cartago
TIRS	925	100	San Jose

TICR	911	75	San Jose
TIRH	950	100	San Jose
T14NRH	980	750	Heredia
TIGPH	1000	1300	San Jose
TIGZR	1030		San Jose
TICSM	1070	450	San Jose
TICA	1120	75	San Jose
TIRCC	1200	500	San Jose
TIVCA	1225	50	San Jose

All stations operate by agreement between the hours of 6am to 1, and 2 to 11pm. Programs are almost entirely recordings-with advertising plugs in Spanish interspersed at frequent intervals.

GREAT BRITAIN

		KW
Droitwich -- National	200kC	150
Moorside Edge --N.Reg.	668	70
Westerglen		70
Burghead } Scot.Reg.	767	60
Washford Cross)		
Penmon -- West Regional	804	5
Brookman's Pk. -- Reg.	877	70
Lisnargarvey -- N.I.R.	977	100
Droitwich -- Mid.Reg.	1013	70
Washford Cross --Reg.	1050	50
Newcastle --	1122	1
Brookside Park--London Nat.		20
Moorside Edge--N.Nat.	1149	20
Westerglen--Scottish Nat.		50
Aberdeen	1285	1
Plymouth -- Regional and		.8
Bournemouth W.of Eng.	1174	1

RETURN POSTAGE BUREAU

Member James L.Steele, has organized a return postage bureau to provide dx'ers with foreign stamps of postal card rate for prepaying return postage on any QSL cards, SWL cards or veri's in card form. This service not only saves much expense over the conventional IRC but is much less of a nuisance to all concerned. The initial price list of stamps that can be furnished is as follows:

- 2 for 5¢: Canada, Cuba, Dominican Rp
- 3¢ each : England, Mexico
- 4¢ each : Chile, Peru, Belgium, Switzerland.
- 2 for 9¢: Newfoundland, Labrador, Egypt.
- 6 for 26¢: Australia (5¢ each)
- 5¢ each : Antigua, Barbados, British Honduras, Jamaica, Wales, Trinidad, Uruguay, Scotland, N.Ireland, D.E.I.
- 6¢ each : India, Netherlands.

Many new countries will be added soon. Postage paid on orders of 50¢ or over. Send remittances by money order, check or U.S. stamps to:- Return Postage Bureau, P.O. Box 733, Denville, New Jersey. While the IDA is in no way financially interested in this plan, we do think it worthy of our members support.

International

Published Monthly Excepting July



Dx'ers Alliance

CHARLES A. MORRISON
EDITOR

Volume 6

Midsummer 1938

No. 7

EDITORIAL

We enter the new season amid many changes in the radio publication field. "All-Wave Radio" and the RSSL are now combined with RADIO NEWS; the Chicago Short Wave Radio Club has discontinued its publication, and RADEX has changed hands and is now being published in New Jersey. . . We also anticipate some changes in the IDA soon, which we believe will result in a better and more complete dx service. The Globe Circler is being altered somewhat in an effort to make it more legible and attractive. . . We hope with your continued support to make this our best season. You can help materially towards this end by enrolling your friends in the IDA.

A P P O I N T M E N T S

R.B. Oxrieder, temporarily inactive while enroute to his new headquarters in Panama, has added the following new assistants to the official IDA Frequency Checking Bureau of which he is the head: John Larsen of Geneva, New York, and C. Hartzell of Jeannette, Penna. D.S. Wright of 513 W. College Ave, State College, Penna., has been appointed as the new IDA State Mgr. for Pennsylvania.

We regret to announce the resignation of Wm. Ansell of Regina, Sask, as Director of IDA Dist. 1. "Bill" regretfully relinquishes the post which he has capably fulfilled for several years due to ill health. A successor to Mr. Ansell will be appointed in the near future.

EAST STATES I. D. A. CONVENTION

On Sunday, Sept. 25, a 'baby' IDA Convention will be held at 1223 Keswick Avenue, Haddon Heights, New Jersey. The South Jersey Chapter of IDA will be hosts to Brooklyn Beta Chapter members and all other IDA members who can attend. A real schedule of activities has been planned including: a base-ball game (South Jersey vs a chosen team); bingo; quoits; ballon tag; tug-o-war etc. A door prize will be awarded and also a prize to the

member attending from the greatest distance. Refreshments will be served, and during a business session, some important IDA announcements will be made. Here is your chance to meet Eastern IDA officials, and leading dx'ers. If you can make the picnic drop Robt. Partridge of 911 Cooper St., Camden N.J. a line, if possible. All dx'ers are cordially invited to attend.

CHAPTERS

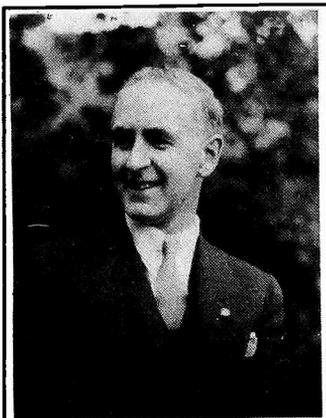
GOLDEN GATE (San Francisco); The chapt. has enrolled as a group in the NAPRI, and are engaged in a vigorous campaign against man-made QRM in that area. It is hoped to make the campaign state-wide later GRDXA (Australia): A section has been started for all members who exchange SWL cards as a hobby, and a contest that will interest SWL collectors will be organized soon. A country-wide campaign for IDA-GRDXA members was started on July 1, which will run to December 31. For information concerning the GRDXA or the SWL contest write to A. Preece, 61 Lipson St., Adelaide, South Australia, Australia.

REGINA JUBILEE (Regina): The June Social at the home of J. C. Hodges was a great success... On the last Sunday in June some of the IDAers had an informal picnic and outing in a local park which was greatly enjoyed by all... The July 28, IDA social is scheduled for the home of L. F. Kohl.

SO. CALIFORNIA (Los Angeles):

When asked by Director Balbi, if the chapt. wished to suspend meetings for the summer, the answer by all members present was an emphatic "No". This characterizes the intense interest that dx'ers in L.A. and vicinity are showing in this friendly chapter. On June 25, S.C. chapt. journeyed out to Paul Dilgs 'rancho' where a very fine picnic supper and dx pow-wow was enjoyed by all. Information concerning meetings can be had from A. Balbi 1328 Angelus Ave., Los Angeles, Cal.

GENERAL: Most IDA chapters will be starting their new season's activities early in September.



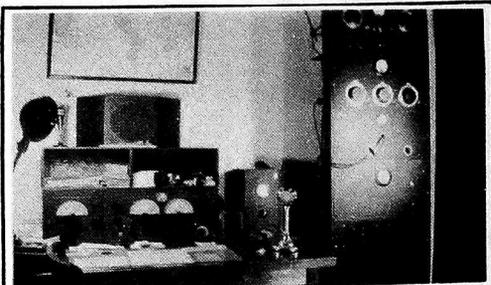
IDA PACIFIC COAST DIRECTOR,
AUGUST BALBI OF LOS ANGELES

NEW I. D. A. MEMBERS

B. E. Long, Palmira, COLOMBIA
 ... C. B. Calder, Chicago, Ill..
Arthur Pfau, Highland Park,
 Mich... Kris Nelson Jr., Pal-
 mira, N. J... Ralph Purcell,
 Los Angeles, Calif... John O.
Edwards, Hamilton, N. Y... Dun-
can Witthun, Hamilton, CANADA
 ... A. R. Tuff, London, ENGLAND.
 ... J. P. Gawel, Buffalo, N. Y...
Cliff Tavener, Rosenberg, Tex
 ... Len Harbin, Chaguanas,
 TRINIDAD, B. W. I... W. M. B. Ed-
wards, Bristol, ENGLAND... Ray
mond Kastl, San Francisco,
 Calif... F. C. Clay, Whittier,
 Calif... Lawrence Lundberg,
 Minneapolis, Minn... Vernon
H. Squire, Kingston, JAMAICA..
Nicola Cannata, Chicago, Ill..
 ... W. L. Corson, Richmond, Va..
Tom Hogg, York Mills, CANADA.

BEAMASCOPE

According to P. F. Hadlock, of G. E., the outdoor antenna is about to vanish. A new device called the "beamscope" which is concealed inside the radio cabinet, not only replaces the outdoor aerial but reduces noise and improves reception. The new aerial has three advantages... It is correlated with the design of the receiver in which it is installed.. It is concealed in the cabinet making the receiver readily portable, and ..it discriminates against noise QRM. After the initial adjustment the aerial can be forgotten



FINE LISTENING POST AND AMATEUR RIG OF
IDA DIRECTOR GEO. MAGEE OF BIRMINGHAM.

I. D. A. EXCHANGE CORNER

Merton T. Meade, 3020 North 8th St., St. Joseph, Missouri (swap SWL cards)... F. H. Brenneman, 115 Carlisle St., Rochester, New York (swap SWL cards)... C. Tavener, Route 1, Rosenberg, Texas (swap SWL cards)... Robt. Collins, Box 387, Rangeley, Maine (swap stamps, coins, SWL cards)... Sam Graham, Box 434, Panhandle, Texas (swap SWL cards)... Miss N. R. Smith, 1406 Waverly Court, Owensboro, Ky (swap letters, especially with someone having an RCA-Victor C13-2)... Kenneth Morey, 14 Lawndale St., Easthampton, Mass (swap letters)

WANTED: A 15, or 23 tube Scott, or any size McMurdo-Silver in good condition, Quote your lowest price. Write to Edward Ayzazian, 11 Kilburn Road, West Newton, Mass.

BATTLE AGAINST MAN-MADE QRM GOES FORWARD

The battle against electrical interference is moving forward on many fronts. The National Association for the Prevention of Radio Interference announces that a bill has been prepared for introduction in the next session of Congress that will make noise creating apparatus illegal. New York City has recently adopted such an amendment. IDA Chapters, notably, the Regina Detroit, Phoenix, and San Francisco ones have done much locally towards clearing up this greatest of all radio nuisances.

IDA DX HONOR ROLLS: Latest S.W. Honor Rolls will appear in the Sept. G.C. Your VIC/VAC ratings, or latest revisions, must be forwarded to your Dist. Director at once. . Revised Broadcast Band Honor Rolls will be published in the Oct. G.C. Send in your list of BCB veri's, or latest additions to your log, to your Dist. Direct or not later than Sept 5. . . Guy Bigbee, of Ft. Benning, Georgia, has recently received the S.A. (South American) degree in recognition of having finally amassed 10 broadcast band veri's from So. America. . We still issue the WW, TA and TP degrees for distinguished BCB reception-Ed.

BROADCAST STATION NEWS

ARGENTINA Power of LSI (710), Buenos Aires, was raised to 50kW in May.
AUSTRALIA **NEW:** 7ZR (1160), Hobart, Tasmania, 500w, opened June 22; 5AU (1400), Port Augusta, on the air; 4AT (680), under construction at Ather-ton; 6WN, Perth, will be on the air about October; When 2CY, Canberra, opens on 850, 5RM will shift to 810kC; Regional stations are under con- struction at Canberra, and at Dalby, Qsld. . . **CALL:** 3MB (1470), Birchip, moved to Charlton, and call changed to 3CV, and power to 200w. . . **POWER:** 2DU, 2PK, 7BU, 2AY, and 7DY, all to 200w; 2WL to 500w; 2LF to 300w. . .
2KA, Katoomba, moved to Wentworth Falls (Preece, Breen, Forest, Wignall, EM)

CHINA FFZ (1400), 250w, at the French Concession, Shanghai, is still in operation, and promptly verifies reports on reception (Forrest)
CUBA **NEW:** CMBQ (680), 5kW, "Ideas Pazos," Havana, was inaugurated on June 4. . . **POWER:** CMQ (600), Havana, will soon go to 50kW, and CMBC (950), Havana, to 10kW. . . **FREQUENCY:** CMBX to 1060; CMCJ to 1100; CMBG to 1440, and CMCG to 1500kC.

FRANCE **UNDER CONSTRUCTION:** National (Vierzon), 150kW (1648 meters) to open early in 1939; Limoges PTT (913), 100kW, to open late in 1939, and Bordeaux PTT (1077), 100kW, to open late in 1939 (Com. Bul.)

GREECE **ATHENS** (601), 15kW, is on the air. Managed by the Greek Radio Broadcasting Bureau; studio located in the Zappion Exposition Bldg., and the transmitter located in the Liossis district, Athens.

INDIA **IN OPERATION:** VUD (886), Delhi, 20kW; VUB (1231), Bombay, 1½kW; VUC (1276-810), 1½kW; VUL (1086), Lahore, 5kW; VULW (1022), 5kW, Lucknow, and VUP (1500), Peshawar, ¼ kW (Breen)

IRAQ Baghdad (767), 1kW, operates four times a week for about 3 hours a day, giving items from the Koran, an educational lecture & music

ITALY Ancona (1357), 1kW, was inaugurated early in July. (Com. Bul.)

N.Z. 2YH (820), Hastings, will soon replace old 2ZH. . . **NEW:** 4YZ (680), 5kW, Invercargill, will probably be inaugurated in August. . . 4ZC (1290), Cromwell, has returned to the air. . . 1ZB (1070), now 1kW, has a "DX Night" starting the first Thurs. in each month at 1:30 p.m. and concluding on Sat. at 7:30am EST. DX reports read on Fri. at 9am EST.

PHILIPPINES KZIB (900), 1kW, Manila, operates Sun. to Fri. 7pm to mid; Sat. 9-11pm, and 6 to 10 a.m. EST (Breen)

SO. AFRICA STATIONS: ZFU (560), Grahamstown, 10kW; ZTC (600), Capetown, 10kW; ZTJ (645), Johannesburg, 10kW; ZTX (698), Pietermaritzburg; ZTD (750), Durban, 1kW; ZTE (809), Bloemfontein, and ZTP (952), 50w. . . A new 2kW station will soon supplement ZTP of Pretoria.

TRIPOLI A new station under construction in the Zanzur oasis, near Tripoli, will be officially inaugurated on October 28. (Com. Bul.)

U.S.A. **NEW:** KSAM (1500), Huntsville, Texas, 100w, and KVAK (1420) Atchinson, Kansas, 100w. . Call KFXR (1310), Oklahoma City, changed to KOCY . . KYW's ultra-modern new studio building at 1619 Walnut St., Philadelphia, was dedicated on May 21. . WGY's new five-studio broadcasting headquarters at Schenectady, N.Y. was dedicated on July 9. The building is constructed of red faced brick with a wide, front expanse of glass block, bordered with chromium. The building is the last word in every respect.

I. D. A. INTERNATIONAL FRIENDSHIP PROGRAMS

(Director, Herbert Campbell, 57 Kenilworth Drive, Akron, Ohio)

For your pleasure and entertainment, a series of IDA International Friendship Programs are now being arranged for the coming season. It is the aim of Mr. Campbell and his assistants to present a program from some different country EACH week. So that all may participate both broadcast band and short-wave stations are being included on the list. We request that you make a special effort to listen-in to these broad- casts and drop a report, or word of thanks to each, for only in this way can we repay the stations for their courtesy in so honoring us.

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| (1) Sunday, Aug. 28, 7-8pm EST, Moscow, U.S.S.R. | 12000kC | <u>RNE</u> |
| | NOTE: May also be broadcast on <u>RAN</u> (9.6) | and <u>RKI</u> (15.08) |
| (4) Saturday, Sept. 24, 9-10pm EST, Panama City, Panama | 9604kC | <u>HP5A</u> |
| (7) Saturday, Oct. 15, 3-4am EST, Rio De Janeiro, Brazil | 1060KC | <u>PRD2</u> |
| (14) Saturday, Dec. 4, Bucaramanga, Colombia | 9630KC | <u>HJ7ABD</u> |
| (16) Saturday, Dec. 18, 1-2am EST, Madrid, Spain | | <u>EAJ7</u> |