

# THE GLOBE CIRCLER

JANUARY 1935



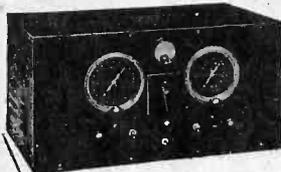
ONE  
DIME

## INTERNATIONAL DX'ERS ALLIANCE

LATEST PERU LISTS  
NEW ZEESSEN INFORMATION  
EUROPEAN STATION SCHEDULES  
WORLD WIDE DX CALENDAR  
CAPTAIN HALL'S PAGE  
SHORT WAVE LIST

# POSTAL PRESENTS

## THE GREAT 35 ALL-WAVE



### WITH NEW ENGINEERING FEATURES

That make possible this outstanding receiver which bettered the performance of the set which won all foreign DX tests. Postal Custom-built receivers are now in use in every continent in the World.

### OVER 50 IMPORTANT FEATURES

Such as the exclusive Postal Triple Drawer Coils, built in Tuned Radio Frequency pre-selector stage, triple tracked continuous Band Spread, Latest electron coupled Oscillator. C.W. Audio beat Oscillator,  $4\frac{1}{2}$ " calibrated illuminated main tuning control. AVC with dual volume control, Precision Tuning Meter, ten latest type tubes, custom built, 13 to 550 meters. Excellent for Dx'ing on all bands.

### NOTE I. D. A. MEMBERS

THE CUSTOM BUILT 10-TUBE POSTAL 34' IS SOLD WITH A 10 DAY TRIAL MONEY-BACK GUARANTEE, AND AT A SURPRISINGLY LOW COST FOR A GENUINE CUSTOM-BUILT SET. SPECIAL DISCOUNT TO I. D. A. MEMBERS. WRITE FOR COMPLETE DETAILS.



POSTAL



RADIO



RADIO EQUIPMENT AND SUPPLIES

135 D LIBERTY ST.

NEW YORK, N. Y.

# WORLD - WIDE DX CALENDAR

TIME	E.S.T.	KC/S	WATTS	LOCATION	CLUB	CALL
Jan. 4	Sat.	8-9PM	1456 10000	Fecamp, France	K IDA	RN
		1-2am GMT.		French-English BC from RADIO NORMANDIE		
Jan. 6	Sun.	12:01-1am	1120 500	Hamilton, Ontario, H	IDA	CKOC
6	Sun.	2:05-3:05am	830 25000	Buenos Aires.	NNRC	LR5
6	Sun.	3:10-5:10am	1270 1500	Santo Domingo, D.R.	NRC	HIX
Jan. 7	Mon.	12:30-1:30am	1130 50000	Salt Lake City, Utah 4*		KSL
		The FIRST Four Star Special arranged by IDA-CDXR-NRC				
		Specially dedicated to I.D.A. Foreign Members. -E				
Jan 10	Thur	1-2:30am	1095 10000	Madrid, Spain.	-R IDA	EAJ7
		6-7:30am GMT		Union Radio-Sociedad Anonima, Madrid.		
Jan 12	Thur	10PM-12:30am	621 20000	CAIRO, Egypt.	-D IDA	
	Sat.	3-6am.	1210 50	Pasadena, Calif.	All	KPPC
		Period from 4:30-5am EST dedicated to IDA.				
Jan 12	Sat.	8:30pm-1:30am	1150 50000	Rochester, N.Y.	NNRC-IDA	WHAM
Jan 16	Wed.	12:01-2am	1031 5000	Parade, Portugal.	-T IDA	CT1GL
18	Fri.	11pm-5am Sat	1200 100	Missoula, Montana-S	IDA	KGVO
Jan 20	Sun.	1:15-2:15am	959 100kW	Paris, France.	BK IDA	P.P.
		The Vicomte J. de La Brosse, and Mrs. Ch. Guilbert will both speak on this Broadcast from POSTE PARISIEN.				
Jan 22	Tues	2-3am	1190 40000	Buenos Aires, Arg-R	IDA	LS2
Jan 25	Fri.	10pm-12:30am	621 20000	CAIRO, Egypt.	-D IDA	
Feb. 3	Sun.	2:05-3:05am	830 25000	Buenos Aires, Arg.	NNRC	LR5
Feb. 6	Wed.	2-3:30am	913 60000	Toulouse, France BK	IDA	
		7-8:30am GMT		RADIO TOULOUSE, Toulouse, France		
Feb. 10	Sun.	2-3:30am	830 25000	Buenos Aires, Arg.	IDA	LR5
		Undoubtedly this Broadcast will be postponed to 3-4:30am so as to have a clear channel.				
MARCH	Sat.	5:30-6:30am	1025 1000	Sydney, Australia. A	IDA	2UE
		Good-will BC each Saturday during March for DX'ers				
NOTE:		During the recent BC from LR5 Mr. E.L. Peters understood them to say they would be on for IDA Also on January 10th.				
		*****				
Daily	TIPS	1am sign-off	650 50000	Nashville, Tenn.	NNRC-IDA	WSM
Daily	TIPS	4am	1250 1000	Newark, N.J.	NNRC-IDA	WNEW
		The NNRC informs us they are giving our tips along with their own at the above times.				
Weekly	Sat.	12:15-12:30am	1010 500	Regina, Sask.	DX TIPS	CKCK
Weekly	Sat.	12:30-1am	980 50000	Pittsburg, Pa	DX CLUB	KDKA
Weekly	Sat.	2:30-3am	640 50000	Los Angeles.	DX CHAT	KFI
FAD MEMBERS:		(B) Vicomte de la Brosse (D) Reichardt (H) Hatch (K) Kure.				
		(A) Ansell (R) Roberts (S) Schofield (T) Tomlinson (E) Westerman.				

	EST.	TRY FOR THESE	
Weekly Sun.	1-6am	565 10000	Guatemala, Guatemala TGW
Daily Best	5-7am	618 50000	Manila, Phillipine IIs. KZRM
Daily times	10-10:10	685 2000	Glace Bay, Nova Scotia. VAS
Daily to	See Below.	690 1000	Arlington, Virginia. NAA
tune	10:10-10:15am;	11:55am-12Noon;	9:55-10pm.
Daily given	3-4am	750 2500	Honolulu, Hawaii. KGU
Daily in	3-5am	780 250	Anchorage, Alaska. KFQD
Daily next	Early Evening	870	Buenos Aires, Arg. LR6
Daily column		900 500	Ketchikan, Alaska. KGBU
Weekly Fri.	8-9pm	920 1000	Port-au-Prince, Haiti. HHK
Daily	Early Evening	950 12000	Buenos Aires, Arg. LR3
Daily	5-6pm	960 5000	Caracas, Venezuela. YV1RC
Daily	When WBZ fades	990 20000	Buenos Aires, Arg. LR4
Daily	Early Evening	1150 20000	Buenos Aires, Argentina. LR8
Dec 23, Jan. 6,	Jan 20, Feb. 3,	1290 500	San Juan, Puerto Rico WNEL
			WNEL will DX every Second Sunday as given from 1-3am EST
Testing, soon	with new Xmtr.	1395 100	San Ped. de Macoris, D.R. HIH

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VOLUME III

BLOOMINGTON, ILLINOIS, U. S. A.

NO. 1.

### THE RANDOLPH-IDA DX TROPHY CONTEST

The I.D.A. World-wide Dx Contest will hereafter be known by the above name. Mr. Randolph Hunt, prominent IDA member, and Director of the F.A.D. has become the generous donor, of what we believe will be the most outstanding Trophy ever offered in a Radio Contest. This Trophy, which is being designed by a famous firm especially for the Contest, will be a COLUMNAR TROPHY standing some 40 to 48" in height, and wrought in a combination of SILVER, GOLD and COPPER. It will include a World Globe surmounted by a Figure of Victory. Next month's Globe Circler will feature a large authentic photograph of this most exquisite Trophy.

Further, the highest scoring contestant in each of the larger IDA districts (including Gt. Britain) will receive a 12" SUN GOLD CUP of un tarnishable metal. Other prizes will include a large World Globe, and a Perfect Phone Adapter donated by RADEX, a subscription to RADIO NEWS, donated by that magazine, and an additional special 6th Dist. Award of a 2 Yr. Sub. to the G.C., donated by Mr. John DeMyer. So far NO CONTEST STANDINGS REPORTS have been received, but as soon as we receive same they will be published. (Feb. Reports should be in by Jan. 17, 1935-)

In due fairness to Contestants who had sent for veris before the OFFICIAL Contest rules were received, we suggest that a reasonable allowance may be made by the Judges in the literal translation of such rules, as were not in effect last year.

#### -APPOINTMENTS-

We are pleased to announce the appointment of the following IDA OFFICIAL FOREIGN REPRESENTATIVES: For POLAND, Mr. L. Hamilton Stokes of Warsaw; For ITALY, Mr. George Moraldi, of Rome; For West AUSTRALIA, Mr. Harry Jackson, of Leedeville.

New I.D.A. State Mgrs. are: For NEVADA, Mr. Don Townsend, of Fallon; For MISSOURI, Mr. Charles Meyer, Jr.

of St. Joseph: For QUEBEC Province, Mr. Grant Campbell, of Montreal. Messrs. R. H. Tomlinson and E. L. Peters have been added to the North American I.D.A. Publicity Staff.

#### PERU

We wish to heartily congratulate our IDA Colleagues in Lima, Peru, Sr. Jorge Vargas Escalante and Rosa Hernando upon their NEW PUBLICATION, "RADIO CULTURA", a large and handsome Radio Revista, to be issued monthly, and which will feature the IDA "Campana de Buena Voluntad" in South America. Sr. Vargas has been working diligently upon the preparation of the "400th Anniversary of Lima Good-Will BC", in which notables from the President of the Republic down will participate.

Thru the Courtesy of Sr. Vargas we present a SCOOPIAN up-to-date and authentic list of Peruvian Broadcast stations.

OAXIA "La Radiodifusora Nacional" 750kc/400m 1500w- Lima, Peru. 11am-1pm; 6-7pm; 9-11pm E.S.T.

OAXIB "Grellaud & Co." Lima, Peru. 1200kc/250m 200w- (Also on SW's) 7-9pm E.S.T. daily.

OAXIC "Radio DUSA" Lima, Peru. 1350kc/220m (Relayed by OAXID) 1-2pm; 5-6pm; 9-11pm E.S.T.

OAXO "Radio Club Peruano", Lima. 1150kc/260m 200w-Sat; 7-9pm EST.

OAR "Augusto Taiman", Lima, Peru. 21-42 and 87 meters. 25 watts. A NEW NATIONAL STATION of 40kW/s. will be erected in Lima within the next year.

#### 6th IDA DISTRICT NEWS

A "6th Dist. IDA News, or Forum" will be issued to each IDA member in the Dist, contributing a 'News Letter', and a 3¢ stamp to Mr. R. H. Tomlinson, 125 Terrace Ave, Portchester, N.Y. who will edit the Bulletin semi-monthly. He Plans the first Issue for 2nd week in January and every two weeks thereafter. The continuance of the bulletin will depend upon the support accorded it.



### GREAT BRITAIN

Above you have the Trophy for "The 1st Annual SHORT WAVE CONTEST" conducted exclusively by the Gt. Britain members of the I.D.A. and the Winner of the Trophy, Mr. Wm. Warner, of Exeter, England.

Mr. Warner won this 1st annual British S.W. Contest with a total of 65 Veris. Mr. R. T. Coales, Southsea was 2nd with 44 SW Veris, and C. K. McConnan, of Liverpool 3rd with 36 Veris. (Our congratulations on this fine Contest, and to the winners-Pres!)

C. K. McConnan, of Liverpool, England has taken over the Editorship of the "British Globe Circler" as its former editor, Mr. Art. Baker has been appointed 'Engineer in Chief for the British Exhibits at the impending "World Exposition" in Brussels, Belgium, which will take him from Eng. for about a year.

Mr. Robt. Pybus, of Manchester, informs us that a Manchester Chapter of I.D.A. is under formation. This will be the 2nd IDA Chapter in England and will be known as the MANCHESTER ZETA Chapter of I.D.A.

J. W. Knight, head of LONDON EPSILON CHAPTER of IDA informs that the 2nd meeting was very successful, and that it was decided to allow the Chapter to grow as large as possible, instead of having several small Chapters. A room will be rented for the meetings. A great amount of interest is being manifested in London in this local Chapter organization.

As you can call any place in England on the telephone after 7pm for 25¢ (1/-) an IDA telephone club has been proposed, with a regular exchange of telephone chats.

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CEL06 now CEL38 on 1385kc (500w).

### BEST CATCH REPORTS

Incomplete reports indicate the following Best Catches by Districts. (Next month all Directors to have revised HONOR ROLLS in by Jan. 17th-Best Catches by Districts to be in by Feb. 17th-Ed.)

#### Dist. 4-

- 3HA, Hamilton, Vict, Aust. (300w)  
Herb Diedrich, Moline, Illinois.

#### Dist. 5-

- 7UV, Ulverston, Tasmania. (205w)
- 3KZ, Melbourne, Australia. (600w)  
(Both) John A. Shanks, Russellville, Tennessee.

#### Dist. 7-

- 7UV, Ulverston, Tasmania. (205w)  
Warren Reichardt, Reading, Mass.
- 7UV, Ulverston, Tasmania. (205w)  
Evan Roberts, Danvers, Mass.
- JOQK, Niigata, Japan. (500w)  
JONK, Nagano, Japan. (500w)  
Warren Reichardt, Reading, Mass.

#### Dist. 6-

- 7UV, Ulverston, Tasmania. (205w)  
Howard Eck, E. Lansing, Mich.
- ZPL, Asuncion, Paraguay. (1000w)  
R. H. Tomlinson, Portchester, N. Y.

### WORLD RADIO RESEARCH LEAGUE

Some interesting new problems are now being taken up by the WRRLL (Ralph Stranger, Hon. Sec.) Broadcast ing House, London W. L., England). The first is a study of what causes a super-imposing of One Broadcast Xmtr's signals on the channel of another station on an entirely different channel. The super-imposed signal is, of course, much weaker and is noticed in the background. Both Luxembourg and Droitwich seem to impose their signals on other stations channels. It would be very interesting for any members to carefully watch for such phenomena on U.S.A. signals.

Members are asked to study the effect of the Moon's influence on DX reception. One of the members who has made quite a study reports the "LAST QUARTER", DX Reception good;—"NEW MOON", DX conditions in general BAD;—"FIRST QUARTER", DX reception good on most occasions;—"FULL MOON", Bad DX conditions prevalent. The tests, to be of any value, should extend over some three months.

### DELTA IDA CHAPTER

Delta IDA Chapter, Lansing, Mich. is coming along nicely with regular monthly meetings, and several new members being enrolled.

WITH OUR MEMBERS.

To the right we present a Photo of The "Chateau du Fosse", summer home of our member Vicount Jean de la Brosse, near Rouen, France. The "Chateau du Fosse" was constructed in 1760.

L. Hamilton Stokes, British Embassy, Warsaw, Poland states "At present I have two GEC Receivers. A 8 valve for BC and Long Waves, and a 7 valve GEC "Overseas model" for S.W. work. My Flat is on the third floor of a five story Bldg. My ECB aerial is a 50' inverted L about 80' high. My SW aerial is a doublet cross-feed (Eddystone cross feeder Blocks) each arm of which is 50' long, or a total of 100 feet. My SW log in part consists of VUB, W1XAL, W3XAL, YV1RC, YV3RC, W9XF, PHI, LCL, ORK CT1AA, EAQ, RW72, RW59, RNE, W8XK, PRF5, 2RO, PRBA, W2XAF, OXY, HVJ, OER2, etc.

L.R. Bragdon, Radio Editor of THE NEW YORK SUN, says "Your influence in the field of Radio reception seems to be growing month by month and I see nothing but a very successful New Year for the Organization" (We appreciate these words-Ed)



To the right we have our loyal F.A.D. member, and District Contest Judge, Mr. Bill Ansell of Regina, Sask, Canada.

Oliver Amlie, of Philadelphia, Pa. says "I want to challenge brother Gootee on the oldest receiver at present in active use. I still have my Hammarlund Roberts 3 Tuber which I built, Apr 28th, 1924, still going strong with the same parts inside I'm willing to challenge Mr. Gootee to a DX Contest with our Old Time receivers. (How abt it-Ed)



C.H. Hodge, 3156 Olive St, Huntington Park, Calif. "My best results have been with a 16' cage Antenna 50' high. The wire is Copper-Silver coated, and Gold plated. I have some 800 Veri's on the ECB, and 90 on the SW's. (Isn't that somethin'-Ed)

Carlos Eulert, La Paz, Bolivia. "I am working with Sr. Jorge Vargas on the big Anniversary BC for Lima, & I am also studying the possibilities of further Good-will BC's with Sr. Sere in Montevideo, and Prof. Hernandez in Santiago, Chile. " (We have a FB staff of Representatives in S.A. of which we have just reason to be proud.-Ed)

Mrs. Jessie Alberta Weaver, New York City, N.Y. writes "I have neglected my dx'ing for some time as I have been spending a few weeks in Newfoundland, and Northern Quebec. Will miss another month of dx'ing soon as I am sailing soon for a vacation in South America. (What a tough life-Ed!)

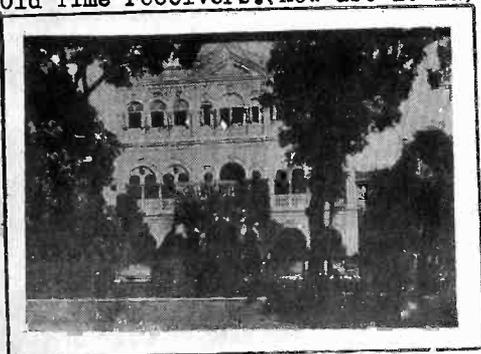
Leo Folk, is now with us again after an extended trip thru Florida and then a HONEYMOON Trip to Canada. He will be glad to hear from his friends. Address Galva, Illinois

Thomas Perkins, 10 N. St., Danvers, Mass. "Up this am to hear CPX, Bolivia, and only selection I heard was "SILENT NIGHT", Ha! Ha!.

To the left the TOWN HOME of OM D.R.D. WADIA, of BOMBAY, INDIA.

Eugene Miller, 28 1/2 Main St, Three Rivers, Mich. "Do you know of any members who have a good used receiver for sale" ( Line forms to the right, Hi!-Ed).

READ 'RADIO GUIDE' SHORT WAVE DEPT



## EUROPEAN STATIONS

*COME ON THE AIR*					
E.S.T.	-Usual Daily Skeds-	KWs	1077	Bordeaux Laf, France	12
				1249	10
				5:30pm	
574kC	Stuttgart, Germany	100	601	Rabat, Morocco	6½
638	Prague, Czechoslovakia	120	609	Florence, Italy	20
658	Cologne, Germany	100	620	Brussels #1, Belgium	5
785	Leipzig, Germany	120	638	Prague, Czechoslovakia	120
841	Berlin, Germany	100	658	Cologne, Germany	100
904	Hamburg, Germany	100	713	Rome, Italy	50
1030	Konigsberg, Germany	60	740	Munich, Germany	100
1195	Frankfurt, Germany	17	841	Milan, Italy	50
				12:15am	
950	Breslau, Germany	80	841	Berlin, Germany	100
				12:30am	
556	Beromuenster, Switz (Sat)	100	932	Brussels #2, Belgium	15
740	Munich, Germany	100	950	Breslau, Germany	80
				12:45am	
546	Budapest, Hungary	120	1031	Konigsberg, Germany	60
				1:00am	
677	Sottens, Switzerland (Sat)	60	1077	Bordeaux Laf, France	12
				1:20am	
704	Stockholm, Sweden (Sat)	55	1113	Moravska-Ostrava (Sat)	11
941	Goteborg, Sweden (Sat)	10	1140	Turin, Italy	7
1131	Horby, Sweden (Sat)	10			
				5:45pm	
610	Florence, Italy	20	859	Strasbourg, France	40
713	Rome, Italy	50			
814	Milan, Italy	50	546	Budapest, Hungary	120
986	Genoa, Italy	10	565	Athlone, I.F.S.	60
1059	Bari, Italy	20	648	Lyons la Doua, France (Sat)	15
1140	Turin, Italy	7	686	Belgrade, Yugoslavia	2½
1222	Trieste, Italy	10	785	Leipzig, Germany	120
				7:00pm	
913	Radio Toulouse, France	60	592	Vienna, Austria	120
1456	Radio Normandie, France	10	620	Brussels #1 (Sat-Sun)	15
				2:10am	
959	Poste Parisien, France	100	629	Lisbon, Portugal	15
				2:15am	
795	Barcelona, Spain (Sat)	7	658	Cologne, Germany (Sat)	100
				2:30am	
1176	Copenhagen, Denmark	10	668	North Regional *	50
				2:40am	
995	Hilversum, Holland	20	695	Paris, P.T.T., France	7
				3:00am	
592	Vienna (Bisamberg) Austria	100	767	Midland Regional, Eng. *	25
695	Paris PTT, France (Sat-Sun)	7	804	Scottish National, Eng. *	50
922	Brno, Czechoslovakia (Sun)	32	841	Berlin, Germany (Sat)	100
				5:15am	
B.B.C. Stations come on the air.				877	London Regional, Eng. *
				904	Hamburg, Germany (Sat)
				932	Brussels #2 (Sat-Sun)
				950	Breslau, Germany (Sat)
				959	Poste Parisien (Sun)
				977	West Regional, Eng. *
				995	Hilversum, Holland (Sat-Sun)
				1013	North National, Eng. *
				1031	Konigsberg, Germany (Sat)
				1050	Scottish National, Eng. *
				1149	London National, Eng. *
				7:30pm	
556	Beromuenster, Switzerland	100	913	Radio Toulouse, France	60
677	Sottens, Switzerland	60			
1131	Horby, Sweden	10			
				8:00pm	
				4:45pm	
1167	Monte Ceneri, Switzerland	15	574	Stuttgart, Germany	100
				5:00pm	
648	Lyons la Doua, France	15	795	Barcelona, Spain	7
704	Stockholm, Sweden	55	1195	Frankfurt, Germany	17
823	Bucharest, Roumania	12	1249	Juan les Pins, France (Sun)	11
941	Algiers, Algeria	12			
1004	Bratislava, Czechoslovakia	13			
				9:00pm	
				795	Barcelona, Spain (Sat)
				1456	Radio Normandie, France

NOTE\* BBC stations off 6pm on Sun. (Tomlinson, Roberts, Peters & others)

## OUR MEMBERS SAY-

Rennes is testing with 40kW... Colombian Xmtr heard lately signing off at 12:05am EST announcing "Barrancuilla" on 1330kC. (Believe this to be new HJLABA relayed by SW HJLABB-Ed)... Toulouse, 913 kC should be logged before 4:50pm EST as CRCM comes on at that time. (Roberts-Mass.)... LR6, 870kC signs off nightly at 10:30pm EST with a plain announcement. (Robinson-NS.)... LR10 being heard thru WGY when WGY is weak, and LTI being heard at times on 780kC... BRESLAU, Germany, on 950kC, is unquestionably using their new Xmtr, as they are as well heard as the Europeans now-Roberts (They're testing with 80kW-Ed)... Best K station being heard in England at present is KSL, (F. Crowder, Eng.)... LR6 was a R7 on WENR'S frequency, es heard best at 7:15pm EST--Athlone is on every day until 6pm EST--Do you know who the new Spanish station is on 815kC? (Zimmerman Pa.)... Listen for CJGB, CHNS, GFCY, testing now with 1kW each... I have heard P.P. signing on a few times on their 959kC Channel at 11:10pm PST. I received the DURBAN station at 8:48-9:32pm PST. I've had ZTD on four occasions, but never as clear as March 6th. I've had 3 BBC stations, but as they refuse to verify I haven't bothered reporting them. (C. Lowe, Merced, Calif.)--(This ZTD veri has been inspected and is beyond a doubt authentic es VFB-Ed) ... There is a mystery station on 560kC. I believe it to be a Japanese. If I am not wrong there is 2GO a Chinese, and a Jap on that Frequency. Some Mix-up! (Bill Ellis, Calif.)... LR5, LR6, LR3, LS4 very good of late. LR5 signs at 9:45pm EST, LR6 at 10:30pm EST (E.L. Peters-NS.)... North American stations a blank recently except KNX, WGY, WABC, WHAS, XEPN, LS2 and LS8 are QSA! /R6 (A.C. Lyell, Johannesburg)... Heard Royal Wedding this am over NN, NR, MR and LR. Skip was doing its stuff perfectly. (Schofield-Mont.)... Strange ly enough I have been hearing some Cubans at noon here. One is on 915 kC, and others are on 842, 875 and 1005kC (Shanks-Tenn.) ... Have been hearing either CX18, or KEW on 890 kC here (Hambly-London)... Toulouse sounds a GONG-P.P. signs off with a Trumpet-Milan, Trieste, Turin use the 'Song of the Nightingale' between numbers-Stuttgart uses piano notes like Zeeson. (Robinson-NS.)

## NEW I.D.A. MEMBERS

Phillip Catavolo, Cambridge, Mass.  
 Frank Peters, Post Falls, Idaho.  
 Herbert F. Sawyer, Saco, Maine.  
 Don Woodward, Esker, Surry, ENGLAND.  
 T.E. Lowe, Manchester, Lancs, ENGLAND.  
 Stanley T. Yurek, Bayonne, New Jersey  
 Eugene Miller, Three Rivers, Mich.  
 Kenneth B. Snyder, Mariners Harbor, Long Island, N.Y.  
 Bernard J. Murray, Erie, Pennsylvania  
 John Tomasky, Newark, New Jersey.  
 E.J. Ellwood, San Pedro, California.  
 Bertram W. Day, Philadelphia, Penna.  
 C.L. Browning, Box 221, Big Spring, Tx  
 Selby Haar, New York City, N.Y.  
 Max Bass, New York City, New York.  
 H.R. Miner, Los Angeles, California.  
 E. Sklor, Los Angeles, California.  
 L.R. BRAGDON, Radio Editor of "New York Sun", New York City, New York.  
 O.C. Dakin, Westport, Nova Scotia, Can  
 A.D. Seals, Druid Hills, Atlanta, Ga.  
 EVANS PLUMMER, Associate Editor of "Radio Guide", Chicago, Illinois.  
 JACK RICE, President of the International Radio Club, Miami, Florida  
 W. K. Walton, Cornwall, England.  
 John Gardner, Arlington Heights, Massachusetts.  
 Colin Wright, Manchester, Lancs, ENG.  
 A. Henley, Hollywood, California.  
 E. Nicolassy, Brooklyn, New York.  
 Seymour Lampel, Brooklyn, New York.  
 George Moraldi, Rome, ITALY.  
 D.L. Quinn, Croton Lake, New York.  
 Harry Jackson, Leedeville, WEST AUSTRALIA.  
 John Musheke, Tuckahoe, New York.  
 L. HAMILTON STOKES, BRITISH EMBASSY, Warsaw, POLAND.  
 A.L. Loebenberg, New York City, N.Y.  
 J.L. Cooper, Winnipeg, Manitoba, Can.  
 R.A. Coles, Burt-on-Trent, Staff, ENG.  
 RALPH STRANGER, Honorable Sec. of W.R.R.L., Broadcasting House, LONDON, ENGLAND.  
 H. Ketham, Glen Head, Long Island, NY.  
 R. EPSTEIN, Pres. of Postal Radio CORP. New York City, N.Y.  
 COMDR. E.F. McDONALD, JR., Pres. of the Zenith Radio Corp., Chicago, Ill.  
 PAUL FINDEISEN, Radio Editor of the Honolulu Star-Bulletin, HONOLULU.  
 M.C. Rypinski, Pasadena, California.  
 C.H. Collins, San Marino, California.  
 James Dickenson, Regina, Sask., Can.  
 Carl E. Whitehouse, Normal, Illinois.  
 Geo. B. Thompson, Md., Los Angeles, Cal  
 C.O. Turner, Oceanside, California.  
 FRANK D. ANDREWS, Dx Commentator of DX CHAT, Station KFI, Los Angeles.  
 Clarence Witmer, Glendale, Calif.  
 N.J. Nelson, Artesia, California.  
 J.J. Becker, Jr., Toledo, Ohio.

AROUND THE WORLD WITH THE BROADCASTERS

		NEW STATIONS	
EUROPE	<u>France</u>	Tramoyes (Lyons)	61.8kC, 100kW rumored testing.
	<u>Greece</u>	Athens	to have 20kW Xmtr. in near future.
	<u>Finland</u>	Sortavala	74.9kC, 200 watts now working.
	<u>Austria</u>	Dornbirn (Vorarlberg)	129.4kC, 3kW abt completed
ASIA-MINOR	<u>Palestine</u>	Jerusalem	62.0kC, 20kW about completed.
AFRICA	<u>So. Africa</u>	Grahamstown	72.0kC, 10kW now in operation.
AUSTRALIA	<u>So. Australia</u>	Renmark	to relay 5DN, 94.0kC open February 5RM
SO. AMERICA	<u>Peru</u>	Lima, Peru	about 136.0kC in operation OAX4B
NO. AMERICA	<u>Colombia</u>	Barranquilla	(Details unknown yet) HJLABA
	<u>Puerto Rico</u>	Ponce	142.0kC, 100 watts night, 250 day.
	<u>U.S.A.</u>	Santa Fe (New Mexico)	131.0kC, 100 watts.
		Boston (Mass.)	112.0kC, 500 watts (Day).
		New Haven (Conn.)	900 kc, 500 watts (Day).
		Daytona Beach (Fla.)	142.0kC, 100w-250w.
NEW ZEALAND	New Zealand	Auckland	65.0kC, 10kW conducting tests soon 1YA

CHANGES

EUROPE	<u>France</u>	Grenoble	15kW now on 58.3kC.
		Strasbourg	859kC now using 40kW/s.
NO. AMERICA	<u>Mexico</u>	Chicago	to resume broadcasting on 968kC. (XENT 910kC-KYW)
		Tamaulipas (Nuevo Laredo)	50kW, 1120 to 1020kC
		Chicago to Philadelphia	10kW, 1020kC
		Rock Island (Ill.)	121.0kC, 100 to 250w day WHBF
		Green Bay (Wis.)	100 to 250w day WHBY
		Norfolk (Va.)	78.0kC, 500 to 1000w day WTAR
		Los Angeles (Calif.)	143.0kC, 2 1/2 kW to 5kW KECA
		Los Angeles (Calif.)	112.0kC, 1/2 to 2 1/2 kW day KRKD
		Houston (Texas)	92.0kC, 2 1/2 to 5kW day KPRC
		La Grange to Griffin (Ga.)	150.0kC, 100w WKEU
Allentown (Pa.)	144.0kC, 250 to 500w temp. WSAN		
Allentown (Pa.)	144.0kC, 250 to 500w temp. WCBA		
St. Louis (Mo.)	55.0kC, 1/2 to 2 1/2 kW; 1 to 5kW KSD		

BROADCASTING STATIONS IN COLOMBIA

			EST.
HJN	681kC	1000w Bogota, "Radio Nacional"	6-11pm Ex. Sun.
HJ4ABC	1000	50 Pereira.	
HJ3ABH	1005	1000w Bogota, "La Voz de Victor", Wed-Sat 6-7pm; Sun 4-8pm.	
HJ3ABD	1110	Bogota, "Apt. 509", Daily 7-11pm; Mon-Wed-Fri 6-7pm.	
HJ3ABE	1200	50 Bogota, "Apt. 317", Wed-Sat 6-7pm; Daily 7-11pm.	
HJLABA		Baranquilla, "Details as yet unknown."	
	2500w	Medellin, "To start tests first of the year." R. Weber	

PRIVATE STATIONS IN BELGIUM

KG/S	WTS	NAME	ADDRESS	GMT.
1122	100	"Schaerbeek"	62 Ave. Clays, Schaerbeek, BRUSSELS	1-5 pm
1122	100	"Conference"	30 Place Jamblinne de Meux, BRUSSELS	9am-1pm
1348	100	"Anvers"	7 Rue Bex, ANTWERP	8-11am, 6-12pm
1492	100	"Chatelineau"	CHATELINEAU.	
1492	100	"Courtrai"	19 rue St. Sebastian, COURTRAI.	
1500	100	"Wallonie"	55 rue de la Regence, LIEGE	10:30-11am, 5-12pm
1500	100	"Binche"	BINCHE.	
1500	100	"Ottomont"	ADRIMONT.	
1500	100	"Verviers"	22 rue du Husquet, Verviers, DISON.	
1500	150	"Coinche"	34 rue St. Maur, LIEGE.	
1500	100	"Liege Experimental"	2 rue des Vennes, LIEGE.	
1500	100	"Seraing"	14 rue Coffart, SERAING.	
1500	100	"Wallonia"	Vellereille le Braveux, VELLEREILLE-LE BRAYEUX. (Rudolph Kure)	

STATIONS IN EGYPT

620	20000	CAIRO (Abu Zabal)	relayed by Cairo on 1350 kC/s.
1122	250	ALEXANDRIA (Ras el Tin)	relayed by Alexandria on 143.0kC/s
		Interval Signal 'Ticking of Clock'.	Announcements in Arabic, English, and French. Closes down with National Anthem "Salem el Malek"

## Society of Wireless Pioneers

W9DXX (Mrs.) Alice R. Bourke, 2560 East 72nd Pl, Chicago, Ill. has kindly consented to act as 'Chief Scribe' for the Society of Wireless Pioneers, so will all SWP members send in your data for 'Jottings' direct to the above address

Vicomte Jean de la Brosse, Paris, France, will act as French and Colonial Representative of the S.W.P.

We have two new Old Timers with us this month, Mr. H. Bailey, Esq, Lonsdale, Hyde Road, Gorton, M.C. Lancashire, England, and Mr. Charles R. Steegmuller, 500 Liberty St, Newburgh, New York. Heartiest Greetings to these two new recruits. All OTs drop our new brothers a card of welcome.

Dx is simply marvelous here at the present time. Had to take down both of my SW aerials after the blizzard es thaw them out as they became covered with ice es shorted Held XAM for four hours this PM, and this is the first time I have had them, I believe. They played American recordings the whole time

OM Oliver Amlie urges all SWP OMs to support the W.R.R.L., that very worthy scientific League conducted in London. Oliver sends in regular reports on echoes of Long Delay, and finds this work of great interest. All interested in the Scientific Society should address Ralph Stranger, Hon. Sec., W.R.R.L., Broadcasting House, London W.1.

OM Wadia of Bombay has been doing some FB Dx'ing, and says "The 100kW European stations on the ECB come in on a 6' copper curtain rod on a six tube Philco. The 832kC Moscow station comes in daily at R9 with very slow fading, and usually drowns out the static. On Oct. 10th I heard a Spanish station on about 7.1 megs at 6:50am (8:20pm EST). I heard a Tango, a song by a lady, an

To the right we have an OT from the BELGIAN CONGO. This rare photo of a "Chef Medaille" was sent to OM R. H. Tomlinson by SW Station OPM-OPL at Leopoldville, Belgian, Congo.



In the left hand lower corner is shown the XMTR'S CQJ-CQK in Macao.

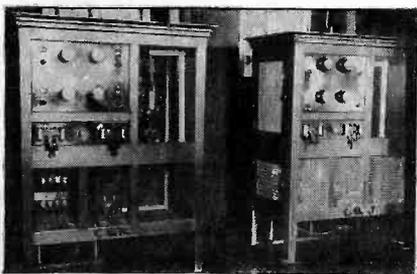
orch selection, a Rhumba and then he signed off at 8am and came back again at 8:30am IST (10pm EST). Germany, DJC has been good r7/f/x to r5/f/xx daily. FYA has been better than Germany. There was another new German station on 5mc which was very much like DJC on Oct. 16th, at 8:07 IST (9:37pm EST).

John DeMyer reports a letter from Roberto Grellaud, P.O. Box 1242 Lima, Peru, and he says that his station, OAXLB, operates only on 6230kC, or abt 4.8m and has a Sked of Wed-Sun 7-9pm EST. This station seems to have no connection with the Peruvian on 51.9meters who gives his address as P.O. Box 853 Lima, Peru, and call of OAXLD (DUSA)

The "Tlilmani" stations, CP4/CP5 in La Paz, Bolivia send some mighty interesting dope. They state "Our Xmtrs are installed at an altitude of 4089meters (over 12,000') above sea level making us the highest BC station in the world. Our equipment consists of 1 RCA, 10kW BC Xmtr es 1 RCA, 1kW Xmtr for SW; The 10kW rig uses two 300' steel towers. CP4 is on 1040kC; CP5 is on 6080kC. The W.L. of our S.W. Xmtr can be changed during the day. In this case the call letters are-- CP6 on 9120kC/32.8m; es CP7 on 15,300kC/19.6m. The skeds of our transmissions are from 6:30-10:30pm EST over CP4, and 7:45 to 9:15pm EST over CP5. We have been reported in the USA, England, Canada, Japan, Spain, N.Z., So. Afr, Australia, C.A., India and Mexico.

OM Hynes, Clarendville, Newfoundland reports all the important European ECB stations coming thru at R7-R9 until just recently.

Vy 73-M. Mickelson (Sparks)



## CAPT. HORACE L. HALL

### SHORT-WAVE PAGE

The appointments for Official SW Listening Posts for the Short Wave Section of the I.D.A. are hereby announced: Jack Watrous, California; Walter Weaver, Filer, Idaho; R. Messer, South Portland, Maine; Russell Bills, Elkhart, Indiana; Irving Goodeve, Kalamazoo, Mich; Tom Taaffe Elmsford, N.Y.; There will be more listeners appointed as we go along but with the above sharp-eared tuners and the reliable help of John DeMyer, J. Spalding, Roy Redman, and Eric Butcher and many others we will surely get somewhere.

J. V. McMinn, Wellington, N.Z., says "If you hear HCLFG on the 40 meter Ham Band you will know where VK3ZX is, as this station is on the low frequency side of HCLFG".

Herbert E. Ketham, Glen Head, Long Island says, "I just bought a Band Spread Portable and am sure having fine DX results".

ZHI, Singapore says in a letter to the writer, "We have received a considerable number of reports from American listeners, and we can assure you that we are at all times pleased to confirm them. The power is approximately 180 watts on a frequency of 6018kc/49.9m. The equipment is crystal controlled and 85% modulated. Broadcasts Monday Wednesday, Thursday from 6-8:30am. Sunday 5:40-7am EST. Address Radio Service Co, of Malaya Ltd, 2 Orchard Road, Singapore.

R. Messer reports VUB31.36 meters Bombay, India heard December 9th, at from 7:30-8am EST. Program was Native music with English announcements.

John Shanks reports HJ3ABH, 50.1m Bogota, Colombia, from 7-10pm.

Eric Butcher, of Wyoming, says that COC, XEBT and a few Japs are being heard there. (The majority of Short wave listeners only want one but when they come in droves. Oh Boy)

J. Spalding wants to know how many are hearing "The Experimental Short Wave station in Cienfuegos, Cuba", on 6180kc, from 9-10pm EST.

D. T. Donaldson, Fife, Scotland reports W8XK, W3XAL, W2XE, JVB, etc. Mr. Donaldson's list of veris are certainly very impressive.

YDA, 49.02 meters is in Bandoeng instead of Semarang, Java, as previously reported.

Listen for tests from CT1GO, in

Portugal, Wednesday and Friday 48.4 meters, 7:20-8:15; Thursday and Saturday 24.2m, 7:20-8:15pm Sunday 48.4m, 8-9pm; 24.2m, 9-10pm; 24.2m 9-11am; 48.4m, 10-11pm; Monday 24.2 m, 4-7pm. Some Test Schedule.

-The Skipper-

#### NEW ZEESEN TRANSMITTERS

NOTE: Scoop data on the NEW German Xmtr's straight from our Berlin Representative, Mr. A. A. Gulliland.

During this summer the German SW station started experiments on various wavelengths using a Post Office experimental Xmtr situated at Doberitz to find suitable new wave channels for various NEW ZONES which are to be opened. As a result of these tests the new Xmtr DJN has taken up regular service from Dec. 1st onwards on a beam directed to South Asia. It operates from 9:45 GET (Central European Time) to 13:15 and 14 to 17:30 on a wavelength of 31.45m. Using another beam aerial, it is also operating for Central America from 23:15 to 4:45 GET. This Xmtr is not situated at Zeeseon, but is actually a Commercial Xmtr located at Konigswusterhausen (Two miles from Zeeseon) normally operated as DJQ, and as such sometimes used for international programme exchange with North America.

The German Short wave Station has also reserved the following wave lengths for possible future use: DJM-49.35m; DJO-25.43m; DJL-19.85m; DJR-19.56m. These wavelengths may have been the subject of short-lived Post Office tests but are not used at all at present as they have been reserved in view of future development.

On the other hand a new wavelength with the call sign DJQ 19.63m will probably be taken into operation for an early morning BC to Eastern Asia on January 1st. The W.L. called DJE 16.89m is at present used occasionally for special international programme exchanges with S.A., but not for normal BC's.

The German Post Office has just informed the public that in view of the interference between DJD & GSD the wave length of DJD has been changed to 25.49m, or 11770kc in accordance with friendly arrangements with the British, and Netherlands Postal Administrations.

-A. A. Gulliland-

# On Short Waves

	FEATURE	INTERNATIONAL	S.W.	GOOD-WILL	BROADCAST		
JAN.12	Sat.	6-8am	EST	49.02/6120	New York, N.Y. (CBS)	IDA	W2XE
		5-7pm	EST	49.02/6120	New York, N.Y. (CBS)	NYSWC	W2XE

## NEW S.W. DEGREE SUGGESTIONS

Capt. Hall suggests the New I.D.A. BSW (Bachelor of SW's) might require 1 veri' from each Major Continent, and not less than 25 SW veri's. For MSW (Master of SW's) we might require 2 veri's from each Major Continent and now less than 50 SW veri's. What do you think? The DSW (Doctor of SW's), not an Official IDA SW Degree, requires three SW veri's from each Major continent, and a total of 100 SW veri's.

## NEW S.W. STATIONS

TL1NRH, Heredia, C.R. will soon be on the air again on 4.5m (Watrous).  
CT1GO, Parede, Portugal, 24.2m & 4.84m now testing (Hall-Pybus)...100 kW Chinese Xmttr opened Nov. 1st, at Hsingking, Manchuko (Details unknown)...NEW JAP on 54.6m relaying JOAK 1:45-2am PST & Irreg. (M. Ryder)...Panama City, Panama New Station on approx. 49.82 is called HC5B by (IDAHQ), HC5P by (C.R. Anderson) and HP5B by (John Shanks). This Xmttr. causes heterodyne on DJC nightly..XGBD, Shanghai, China, reported on 31.32m early mornings (Schumacher) & on 31.30m at 12pm PST by (Earl DeHaven)...TFK, Reykjavik, Iceland, on approx. 33m will be on air soon (Frank Andrews)...A powerful Xmttr is being installed at Medellin, Colombia, which will be testing on 5930kC by first of year (IDAHQ)...OA4B, Lima, Peru, will be testing in near future on 44m. OA4B will carry the full program of the 400th Anniversary Celebration of the Founding of Lima Broadcast (Vargas)...A NEW Station in Cuba on 48.5 meters nightly is reported in Santiago de Cuba by (P. Robinson) and in Cienfuegos by (J.T. Spalding)...DJQ, ZEESEN Germany, on 19.63m will start to transmit a BC to East Asia soon.

## DATA

CSWRC reports the full call of TIX to be TIXGP3 "La Reina del Aire", San Jose, Alma Tica. C.R....CTLAA now operates Tu-Th-Sat 4:30-7pm EST (Hall)...Clearing up the Mystery on the Lima, Peru, stations-OAX4D, "La Voz del Peru, RADIO DUSA, Difusora Universal, S.A. All American Cables, Box 853, Lima, Peru, is on regularly Wed-Sat 9-11:30pm EST, relaying BC station OAX4C. OAX4B, an

entirely separate station is owned by "Roberto Grellaud and Cia, Apartado 1242, of Lima, Peru, and they operate on 48m/6250kC from 7-9pm Wed-Sun and irreg. It relays OAX4B on the BCB. OAX4B will increase power greatly in two months, and they sign off with the "Good Night Waltz" (Hernandes-DeMyer-Mrs. Eberts-Vargas, etc)...HJ3ABH, Bogota, Colombia, is now using the same WL as HIX on 5980kC...IRA, Rome, is being reported on 49.05-49.10-49.15m but never on either 49.2 or 49.3, their official announced WL's...HC2RL will give a fine Panama Hat, made in Guayaquil, to the Dx'er sending in the 10,000th report to them...DJN is using 50kW...Re the station on 49.02 heard them plainly announce at 2am PST as PEF, owned and operated by the NIROM Co. of Batavia, Java (C.H. Hodge)...Sears Roebuck puts on an English Hour on YV3RC, Caracas, 8:30-9pm EST Thurs-Sat (Elmer Orne)...WNC, Hialeah is adding Kingston, Jamaica, and Santo Domingo, D.R. as new Pt. to pt Telephone circuits...YDB operates on 67m, 4475kC with 1kW. a new 10kW Xmttr in Batavia, Java, will be testing shortly on 50 and 80 meters... (S. Walmsley)...YDA's address is Tegalleh 0.23, Bandoeng, Java...PRADO reads names of those reporting the station at 10:35pm CST each Thursday...EACAB, Tenerife, Canary IIs. on 40.5m again Tu-Th-Sat 6-7pm EST (Mrs. D. Hall)...JVM talks with KWU nightly at 11:30pm EST...JVF may be heard at 3:45 or 4pm EST (Mrs. Eberts)...

## -MYSTERY STATIONS-

Japanese on 5800kC each morning (Walt)...Station announcing "Radio France, FCK, calling Buenos Aires, Gen. at 1:30pm Dec. 18th CST on 25m band (IDAHQ)...Heard a NEW Chinese or Jap on freq. slightly lower than VK3LR (Hostetler)...F31CD, Saigon, Fr. Indo-China, believed to again be on the air 6:30-8am PST slightly higher in freq. than YDA (C.H. Hodge)...Russ Ballard thinks the above Xmttr may be Johannesburg...Spanish Mystery station on 9560kC at 7:30am CST (Goodeve)...

## HEARD

IRF, Rome, 37.40m reported first by Guy Bigbee on November 16th.

# SHORT-WAVE BROADCASTING STATIONS

DIAL	METERS	KC/S	CALL	STATION	TIME	E.S.T.
13.93	21510	W8XK	Pittsburg, Penna.	7am-2pm.		
13.93	21530	GSJ	Daventry, England.	Exp.		
13.97	21470	GSB	Daventry, England.	Exp.		
14.38	20850	EHY	Madrid, Spain.	Am.		
14.40	20820	LSY	Monte Grande, Arg.	Mornings.		
14.97	20040	OPL	Leopoldville, Congo	Mornings.		
14.99	20020	DHO	Nauen, Germany.	Phones Manila in Mornings		
15.01	19980	KAX	Manila, P.I.	Phones Germany & Tokyo AM		
15.06	19920	HSJ	Bangkok, Siam.	Phones early mornings.		
15.24	19680	CEC	La Granja, Chile.	Phones early mornings.		
15.36	19530	EDN	Madrid, Spain.	Phones Canary IIs.		
15.37	19520	IRW	Torrenova, Italy.	Phones Irreg.		
15.50	19350	FTM	St. Assise, France.	Phones early mornings.		
15.51	19340	PMA	Bandoeng, Java.	Phones irregular.		
15.62	19210	ORG	Ruyssede, Belgium	Phones Belgian Congo in AM		
15.82	18960	LSR	Buenos Aires, Arg.	Phones in early mornings.		
15.93	18830	PLE	Bandoeng, Java	Phones irregular.		
16.06	18670	OCI	Lima, Peru.	Phones irregular.		
16.11	18611	GAU	Rugby, England.	Phone.		
16.19	18530	PCM	Kootwijk, Holland	Irreg. Phones at 3pm.		
16.39	18296	YVR	Maracay, Venezuela.	Phones.		
16.47	18210	KUS	Manila, P.I.	Phones Germany & Japan.		
16.55	18130	PMC	Bandoeng, Java.	Phones irregular.		
16.56	18110	LSY3	Monte Grande, Arg.	Phones.		
16.85	17800	PCV	Kootwijk, Holland.	Phones in early Am.		
16.86	17790	XGBB	Shanghai, China.	Phone.		
16.86	17790	GSG	Daventry, England.			
16.87	17780	W3XAL	Boundbrook, N.J.	8-2pm Except Friday.		
16.89	17760	IAC	Coltano, Italy.	Phones in early Am.		
16.91	17740	HSP	Bangkok, Siam	Phones in early Am.		
17.12	17520	DFB	Nauen, Germany	Phones irregular.		
17.13	17500	VWY	Kirkee, India.	Phones irregular.		
17.37	17260	DAF	Norden, Germany.	Phones at 9:15am.		
18.47	16240	KTO	Manila, P.I.	Phone.		
18.48	16230	FZR3	Saigon, Indo-China.	Phones early am.irreg.		
18.71	16030	KKP	Kahuku, Hawaii.	Phone.		
18.90	15880	FTK	St. Assise, France.	Phone.		
19.04	15760	JYT	Tokyo, Japan.	Phone.		
19.20	15620	JVF	Nazaki, Japan	Phones KWU in evenings.		
19.46	15420	KWO	Dixon, California.	Phone.		
19.53	15355	KWU	Dixon, California.	Phones JVF and others.		
19.56	15330	W2XAD	Schenectady, N.Y.	Sun, Mon, Wed, Fri: 2-3pm.		
19.63	15280	DJQ	Zeesen, Germany.	Early mornings.		
19.64	15270	W2XE	Wayne, New Jersey	11am-1pm.		
19.66	15260	GSI	Daventry, England.	Exp.		
19.67	15250	RIM	Tachkent, USSR.	Phone.		
19.67	15250	W1XAL	Boston, Mass.	Irreg.		
19.68	15240		Pontoise, France.	7-11am.		
19.71	15220	PGJ	Eindhoven, Holland.	8-10:10am, Sun, and Irreg.		
19.72	15210	W8XK	Pittsburg, Penna.	8am-4:15pm.		
19.73	15200	DJB	Zeesen, Germany.	Temporarily off the air.		
19.82	15140	GSF	Daventry, England.	6-9am.		
19.84	15123	HVJ	Vatican City, Italy.	5-5:15am--10-10:40am Sat.		
19.95	15000	RKI	Moscow, USSR.	Sun 6-7am, 10-11am, & Irreg.		
20.05	14960	KAY	Manila, P.I.	Phone.		
20.08	14930	HJB	Bogota, Colombia.	Phones Hialeah Florida.		
20.54	14600	JVH	Nazaki, Japan.	Phones Europe.		
20.69	14500	TIN	-TIU, Cartago, C.R.	Phones WNC, Hialeah.		
20.69	14500	TGF	Guatemala, Guatemala.	Phones WNC, Hialeah.		
20.69	14500	HPF	Panama City, Panama	Phones WNC, Hialeah.		
20.70	14490	YNA	Managua, Nicaragua	Phones WNC, Hialeah.		
20.70	14490	LSN	Monte Grande, Arg.	Phones Irreg.		
20.78	14440	GBW	Rugby, England.	Phones.		
21.57	13900	WQP	Rocky Point, N.Y.	Phone.		

22.48	13337	VVQ	Maracay, Venezuela	Phones Hialeah, Florida.
23.35	12840	WOO	Ocean Gate, New Jer.	Phones Ships.
23.45	12795	IAC	Coltano, Italy.	Phones Italian Ships.
23.46	12760	GBC	Rugby, England.	Phones British Ships.
24.19	12394	DAF	Norden, Germany.	Phones German Ships.
24.20	12390	CT1GO	Parede, Portugal.	Mon-Thur-Sat-Sun: See HALL.
25.00	12000	RNE	Moscow, U.S.S.R.	Sun: 6-7, 10-11am & Irreg.
25.02	1199C	VIY	Melbourne, Aust.	8:15am, & Phones Irreg.
25.02	11990	FZS	Saigon, Indo-China.	9:15-9:30am & Irreg.
25.25	11880		Pontoise, France.	11:15am-2pm, 3-6pm.
25.27	11870	W8XK	Pittsburg, Penna.	4:30-10pm.
25.29	11860	GSE	Daventry, England.	7:30-9am, 9:15-10:45am.
25.36	11830	W2XE	Wayne, New Jersey.	3-5pm.
25.42	11800	WLXAL	Boston, Mass.	Irreg.
25.43	11797	DJO	Zeesen, Germany	Exp.
25.49	11770	DJD	Zeesen, Germany.	12 Noon-4:45pm. (1-4:30pm.
25.53	11750	GSD	Daventry, England.	3:30-5:30am, 12-12:45pm, -
25.57	11730	PHI	Huizen, Holland.	8-10:10am Ex. Tues-Wed.
25.60	11720	CJRX	Winnipeg, Canada.	8-11pm, 11:30-12 midnight.
25.63	11705		Pontoise, France.	7-10pm, 11pm-1am.
25.69	11670	PPQ	Rio de Janeiro, Br.	Phones irreg.
26.80	11187	XAM	Merida, Yucatan, Mex	Phones Mexico City Pm.
27.27	11000	PLP	Bandoeng, Java.	Phones Sumatra.
27.93	10740	JVM	Nazaki, Japan	Phones USA. Relays JOAK.
28.14	10660	JVN	Nazaki, Japan.	Phones Europe. Relays JOAK.
28.77	10420	XGW	Shanghai, China.	Phone Irreg.
28.80	10410	KES	Bolinas, California	Phone Exp.
28.91	10370	WCG	Rocky Point, N.Y.	Exp.
28.97	10350	LSX	Buenos Aires, Arg.	Relays Byrd BC, & Irreg.
29.04	10330	ORK	Ruyssede, Belgium	1:45-3:15pm.
29.15	10285	DIQ	Nauen, Germany.	Phone.
29.25	10250	PMN	Bandoeng, Java.	Phones Sydney.
29.59	10140	OPM	Leopoldville, Congo	Sun 3:45-4:15pm & Irreg.
29.84	10050	SUV	Abou Zabal, Egypt.	Phones GBP 11am-1pm & Irr.
30.01	9990	KAZ	Manila, P.I.	Phone.
30.43	9860	EAQ	Madrid, Spain.	5:15-7pm, Sat 1-3pm.
30.52	9830	IRM	Rome, Italy.	Irreg.
30.67	9780	2RO	Rome, Italy.	2:30-8pm.
31.20	9610	DGU	Nauen, Germany	Phone Irreg.
31.25	9600	CT1AA	Lisbon, Portugal.	Tues, Thurs, Sat 4:30-7pm.
31.27	9595	HBL	Geneva, Switzerland	Sat 5:30-6:15pm.
31.28	9590	VK2ME	Sydney, Australia.	Sun 1-3, 5-9, 9-11am.
31.28	9590	W3XAU	Philadelphia, Pa.	Noon-8pm.
31.30	9580	GSC	Daventry, England.	6-8pm.
31.30	9580	XGBD	Shanghai, China.	3am-On.
31.32	9580	VK3LR	Melbourne, Austral.	3:15-7:30am.
31.36	9570	WLXAZ	Springfield, Mass.	6am-12 Midnight.
31.36	9570	VUB	Bombay, India.	7:30-8am Irreg. (4-5:30am.
31.38	9560	DJA	Zeesen, Germany.	8-11:30am, 5:15-9:15pm, Sun-
31.45	9540	DJN	Zeesen, Germany.	3:45-7:15, 8-11:30a, 5:15p-
31.48	9530	W2XAF	Schenectady, N.Y.	6:30-11pm.
31.55	9510	VK3ME	Melbourne, Austral.	Wed-Sat 5-6:30am.
31.55	9510	GSB	Daventry, England.	3-5, 9:15-Noon, 1-5:45pm.
31.57	9500	PRF5	Rio de Janeiro, Br.	5:30-6:15pm Ex. Sun.
31.61	9490	WEF	Rocky Point, N.Y.	Phone Exp.
31.80	9428	COH	Havana, Cuba.	10-11am, 5-6, 8-9pm.
31.86	9410	PLV	Bandoeng, Java.	Phones Australia.
33.15	9050	TFK	Reykjavik, Iceland.	On air shortly.
33.50	8950	WEL	Rocky Point, N.Y.	Exp. Phone.
34.19	8775	PNI	Macassar, Celebes	Phones irregular.
35.80	8380	IAC	Coltano, Italy	Phones Italian Ships.
37.33	8035	CNR	Rabat, Morocco, Afr.	Sun 3-4:30pm.
37.40	8020	IRF	Rome, Italy.	5:30-7pm.
37.65	7980	HSP	Bangkok, Siam.	Phone Irreg.
38.47	7800	HBP	Geneva, Switzerland	Sat 5:30-6:15pm.
39.87	7520	KKH	Kahuku, Hawaii.	Phones Dixon California.
40.16	7470	JVQ	Nazaki, Japan.	Phones Phillipines.
40.55	7400	HJ3ABD	Bogota, Colombia.	7-11pm (6-7pm Irreg.)

40.60	7390	ZLT	Wellington, N.Z.	Phone.
41.80	7180	CR6AA	Lobito, Angola, Afr.	Wed-Sat 2:30-4:30pm.
42.00	7140	HJLABB	Manizales, Colombia	Tues-Fri 7:30-10pm, Sun 3-5
42.25	7100	HKE	Bogota, Colombia.	Mon-Th 6pm, Tu-Sat 8-9pm.
42.83	7005	VK3ZX	Victoria, Aust.	12:30-2am Sun.
43.17	6950	YNLF	Managua, Nicaragua	8-9pm.
44.03	6810	H1H	San Pedro, D.R.	7-8pm, Sun 4:30-5:30pm.
44.03	6810	OALB	Lima, Peru.	Testing Irregular.
44.44	6750	JVT	Nazaki, Japan.	4-7:40am & Irreg. Relay. JBC
44.71	6710	TIEP	San Jose, C.R.	7-10pm Ex. Sun.
45.00	6660	TL4NRH	Heredia, Costa Rica	Testing with new Transmit
45.00	6660	HG2RL	Guayaquil, Ecuador	Sun 5:45-8pm, Tu 9:15-11:15
45.31	6620	PRADO	El Riobamba, Ecuador.	Thurs 9-11:40pm.
45.38	6610	REN	Moscow, USSR.	Mon-Wed-Fri-Sat 4-5pm.
46.23	6490	HJ5ABD	Calí, Colombia.	8-10pm. Ex. Sun.
46.25	6480	H14D	Santo Domingo, D.R.	4:40-7:40pm Ex. Sun.
46.60	6440	HJLABB	Barranquilla, Col.	6-10pm.
46.69	6425	W3XL	Boundbrook, N.J.	NBC Cue Station, Exp.
46.70	6425	HJA3	Barranquilla, Col.	Irreg.
46.88	6400	LU8AB	Buenos Aires, Arg.	On Cadena Indo Chain.
47.06	6370	YV4RC	Caracas, Venezuela.	4:30-10pm Ex. Sun.
47.50	6310	H1Z	Santo Domingo, D.R.	11pm-12:30am Ex. Sat.
48.00	6250	H1LA	Santo Domingo, D.R.	7:40-9:40pm Ex. Sun.
48.00	6250	OAX4B	Lima, Peru.	Wed-Sun 7-9pm. Relays OAX4B
48.20	6225	CT1GO	Paredé, Portugal.	Irreg. (See Capt. Halls Page
48.39	6200	HJ3ABF	Bogotá, Colombia.	7-11pm, W-S 6-7pm.
48.54	6180		Cienfuegos, Cuba.	9-10pm, & Irreg.
48.78	6150	HJ2ABA	Tunja, Colombia.	8-10pm.
48.78	6150	YV3RC	Caracas, Venezuela.	4:30-10pm.
48.83	6144	CJRO	Winnipeg, Canada.	8-11:00-11:30-Midnight.
48.86	6140	W8XK	Pittsburg, Penna.	4:30pm-1am.
48.90	6130	ZGE	Kuala Lumpur, FMS.	Sun-Tues-Fri 6:40-8:40am.
49.00	6122	TJTJ	Johannsburg, S. Afr	11:45pm-12:30am, 3:30-7am.
49.02	6120	YDA-PEF	Bandoeng, Java.	5:30-10:30am Irreg.
49.02	6120	W2XE	New York, N.Y.	6-11pm.
49.08	6112	YV2RC	Caracas, Venezuela	5:15-9:30pm.
49.10	6109	VUC	Calcutta, Indian.	10:30am-1pm. Sat 12:45-4pm
49.18	6100	HJ1ABE	Cartagena, Colombia	Wed 8-11pm, Mon 10-11pm.
49.18	6100	W3XAL	Boundbrook, N.J.	Mon-Wed-Sat 5:30-1am.
49.18	6100	W9XF	Chicago, Illinois.	Tues-Thurs-Fri 4pm-2am.
49.20	6097	HJ1ABD	Cartagena, Colombia	7-9pm.
49.22	6095	HJ4ABC	Pereira, Colombia.	?
49.22	6095	VE9GW	Bowmanville, Ont.	M-T-W 3-12pm, T-F-S 7a-12p
49.30	6085	CP5	La Paz, Bolivia.	7:45-9:15pm.
49.30	6085	IRA	Rome, Italy.	Mon-Wed-Fri 6-7:45pm.
49.34	6080	VE9HX	Halifax, N.S., Can.	9-11:30am, 4-11pm.
49.34	6080	OXY	Skamleback, Denmark	1-7pm.
49.34	6080	W9XAA	Chicago, Illinois	3pm-1am.
49.34	6080	HJN	Bogotá, Colombia.	6-11pm Ex. Sun.
49.35	6080	DJM	Zeese, Germany.	Exp. Irreg.
49.41	6072	OER2	Vienna, Austria.	9am-5pm.
49.50	6060	W3XAU	Philadelphia, Penna	8-11pm.
49.50	6060	W8XAL	Cincinnati, Ohio.	5am-8pm, 11pm-1am.
49.50	6060	VQ7LO	Nairobi, Kenya, Afr	M-W-F 5:45-6:15am, Tu 3-4am
49.59	6050	GSA	Davenport, England.	4:30-5:45p, 6-8p, 10:45a-1pm
49.65	6040	HJ1ABG	Barranquilla, Col.	6:30-10pm Ex. Sun.
49.67	6040	WLXAL	Boston, Mass.	Tues-Thurs-Sun 7:30-9pm
49.75	6030	YV6RV	Valencia, Venezuela	On the air shortly.
49.75	6030?	HP5B	Panama City, Panama	7:15-10:30pm Irreg.
49.83	6020	DJC	Zeese, Germany.	Noon-4:45pm, 5:30-10:45pm.
49.90	6010	COC	Havana, Cuba.	4-6pm, Sat 11:30-12:30am.
50.00	6000	XEBT	Mexico City, Mexico	10am-11pm.
50.00	6000	RV59	Moscow, USSR.	5-6pm.
50.16	5980	HIX	Santo Domingo, D.R.	Tues-Fri 8:10-10:10pm.
50.16	5980	HJ3ABH	Bogotá, Colombia.	Evenings irreg.
50.85	5900	HJ2ABC	Cucuta, Colombia.	7-10pm.
51.28	5850	YV5RMO	Maracaibo, Venezuel	5:15-9:30 Ex. Sun.
51.90	5780	OAX4D	Lima, Peru.	Wed-Sat 9-11:30pm.

# PR - 12

For years Radio Set Builders maintained it was impossible to produce a receiver incorporating those critical and exacting requirements of the "Dyed in the Wool Dx'er", and have a set for home use, selling at a popular price.

It has remained for Mr. Patterson to do this very thing in the PR-12. In the PR-12 we have those Refinements that will delight the most ardent dx'er. The Dx'er wants a receiver that is ultra-selective on all bands, sensitive to the nth degree, but that has a favorable ratio of signal to noise. He further demands accurate, hair-line calibration.

DOES THE PR-12  
PROVIDE THESE  
FEATURES ? SEE  
OTHER COLUMN!



- \* CRYSTAL FILTER permits 5kc Tuning and may be turned off for tone.
- \* RANGE 8-550 METERS.
- \* SENSITIVITY less than one Microvolt per meter throughout.
- \* NEW BAND SPREAD. Can be logged.
- \* NO PLUG-IN COILS.
- \* SINGLE DIAL Showing only band in use.
- \* TUNED PRE-SELECTOR STAGES.
- \* R METER.
- \* BEAT OSCILLATOR.
- \* HEAD PHONE JACK.
- \* BACK GROUND Noise Suppressor.
- \* Class "A" Prime Audio Push-Pull with Driver Stage.
- \* DESIGNED THROUGHOUT FOR FOREIGN RECEPTION

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