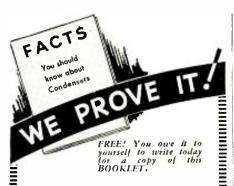


How to Make a Dual-Wave Car-Radio Set—Antennas for Turret-Top Cars "Suppressor-less" Car Sets—Fultograph "Pictures"—Car-Radio Circuits



Just what does the Power Factor rating really mean in the condensers you buy?

..., What is the truth and the whole truth about leakage claims—capacity and voltage ratings?

As serviceman or amateur, how can you be SURE you are getting the most filtering, the best performance for the least money?

These and many other bothersome condenser questions are clearly explained in our new free booklet illustrated above. It will show you that we not only claim Sprague Condensers are best—but explain exactly how we PROVE IT! Write for a conv. for a copy,

SPRAGUE PRODUCTS CO. North Adams, Mass.

JPRAGUE CONDENSERS



\overline{z} Give the Audience a Break

SILVER **MARSHALL**



A. C. Amplifier USES 1-57, 1-50 AND 1-81

A COMPLETELY wired LESS TUBES

A COMPLETELY writed
3 tube, 7½ watt amplifier, for Microphone, Radio or Phonograph.
Can be used for intercommunication, Public Address, Window Demonstrations, etc.

A. C. DYNAMIC SPEAKER TO MATCH \$4.75 ORDERS FILLED



167 GREENWICH ST. NEW YORK CITY

WHEN CHOOSING A RADIO SCHOOL



EXTENSION COURSES FOR HOME STUDY Illustrated Catalog on Request.

R. C. A. INSTITUTES, Inc. Dept. 75 Varick St., New York-1154 Merchandise Mart, Chicago

THE LISTENING POST

(Continued from page 735)

p.m. to 9:30 p.m. C.S.T. each Sunday, Tuesday, Thursday, and Saturday evening. This trans-mission is intended especially for listeners in western Canada.

western Canada.

A new Station XECW, "Del Caballero Santokan," Bajio 120 Mexico D.F., broadcasting on 5,970 kc., has been coming in with excellent strength nightly from 10:00-12:00 p.m. C.S.T, despite their very small power of 10 W, YV6RV, the Voice of Carabobo, in Valencia, Venezuela, a new station reported for the first time in the time of Prince Carabobo, in the strength of the content of the strength of the

time in last issue of RADIO-CRAFT, has changed its wavelength from 49.75 (6030 kc.) to 46.01 meters, and 6.52 mc. This change was made on account of short-wave station HP5B. Mirimar Club. in Panama City, Panama, which was occupying the same channel. YV6RV broadcasts from 4:30-9:30 p.m. E.S.T., nightly. We are informed that HP5B has ordered a new 500 W. transmitter to take the place of the 100 W. one which they have been using.

A new short-wave station HIIJ has been re-A new short-wave station H11J has been reported by Mr. Edwin Hatch of Philadelphia. Pa., Mr. Hatch says H11J may be heard on 5.785 kc., the same frequency as OAX4D, in Lima, Peru. They are located in San Fedro Macoris, Dominican Republic.

According to Jack Watrous, San Mateo, Calif., Cattien HVI. Veiler City reports the followers.

station HVJ, Vatican City, reports the following schedule of hours and wavelengths: daily from 10:30 to 10:45 a.m. E.S.T., on 15,121 kc. On Mondays, the talk is in Italian, on Tuesdays in English, on Wednesdays in Spanish, on Thursdays in French, on Fridays in German, on Saturdays and Sundays in Italian, HVJ also broadcasts on a frequency of 5,969 kc., daily from 2:00 to 2:15 p.m., E.S.T. The tick-tock of a clock is heard for 10 minutes before the broadcasts start, and the bells of St. Peter sound the hour,

Russell Bills, of Elkhart, Ind., believes he has heard the very rare catch, VPD, in Suva, Fiji Islands. Russell believes he had VPD at from 11:36 to 11:45 p.m. C.S.T. on their wavelength 11:36 to 11:45 p.m. C.S.T. on their wavelength of 22.9 meters. The announcements were in English but very weak. The music consisted of band numbers. Another night Russell heard this same "mystery station" at from 11:52 to 11:58 p.m. C.S.T. Russell has also been hearing the new Station CTIGO in Parede, Portusal. the new Station CTIGO in Parede, FOTURAL Sunday morning seems to be the best time to get them and he heard them from 9:14 a.m. C.S.T., until they signed off at 9:32 a.m. C.S.T. They were operating on or near their frequency of 24.2 meters (12.400 kc.), Continuous wave interference was bothering them badly. (This C.M. amount in gratting to be quite serious as C.W. question is getting to be quite serious as the greatest majority of S.W. stations are both-ered by C.W. at times, and some programs are

completely ruined.—Ed.). It is reported that "TFK, the Voice of Iceland" is on the air on a wavelength of 33 meters. Mr. Frank D. Andrews, of "KFI DX Chat" fame reports hearing them on their first test. and several times since. According to Hans Priwin of Copenhagen, Denmark, who recently had a talk with the Prime Minister of Iceland, the Icelandic government has actually purchased an 81/2 kw. S.W. transmitter from the Marconi works at Chelmsford, England. The new transmitter will be used for telephonic communications between Iceland and Denmark, and for special musical broadcasts. Mr. Priwin also tells us that CTIAA, in Lisbon, Portugal, is now testing on 50.17 meters and 25.1 meters, and asks that reports be addressed to "Station CT1AA, Emisora Nacional, Lisbon."

The Norweigan Government has sketched a 7-years' plan for reorganizing the Norwegian broadcasting services. Mr. Priwin states, and there is to be a new short-wave transmitter included which will be built at Lamberseter near Oslo, with an energy of 25 kw., for the benefit of Norweigian listeners abroad. (As predicted by the DX Editor several manths ago, it is only a question of time until every large country has an "empire" short-wave service modeled after Daventry and Zeesen for the benefit of its na-

tionals in other parts of the World.—Ed.)

The "mystery station" in Santiago de Cuba which had us baffled for so long has turned out to be C09GC. They are on 6,150 kc., and according to Capt. Hall are on daily from 1:30-4:30 p.m. E.S.T.

WOR's new short-wave station will go under the call W2XHI, and according to reports from the Federal Communications Commission will

Please Say That You Saw It in RADIO-CRAFT

probably not be completed until the latter part of May.

CSL, the "Emissora Nacional," in Lisbon, Portugal, broadcasts on 6.140 kc., and can be heard in the East fairly well until W8XK in Pitts-

burgh comes on the air.

That very popular short-wave station DJB. Zeesen, Germany (15,200 kc.) heard again in the mornings, irregularly, after an absence of several months, says Russell Bills. of Elkhart, Ind. (DJB was heard at full loud-speaker strength on Sunday morning, Mar. 10. broadcasting the Max Schmeling and Steve Hamas championship bout from Hamburg, Germany, between 10:30-11:00 a.m. C.S.T.—Ed.) We certainly hope that DJB will soon return to a regular morning schedule on the 19-meter hand. as thousands of people miss this superb station in the mornings.

Station HJ4ABL "Echoes of the West," Manizales, Columbia, is now on the air on 6.100 kc., from 10:00 to 11:00 p.m. C.T.S., on Saturdays. according to many reports received from our readers.

Paul Dilg, of Evanston, Ill., reports hearing M37 talking to SB90 on Sunday from 10:00-10:30 a.m. C.S.T. on about 31.28m, They seem They seem to be Fire Patrol planes in the Blue Ridge Mountains. Have you any dope?

WTR, Albrook Field, Panama Canal Zone, has been heard lately in the evenings talking to the other Army aviation stations on a wavelength of about 47m.

Bandoeng, Java (9,415 kc.) has been heard lately playing music, and calling phone stations at about 5:30 a.m. C.S.T.

SPECIAL BROADCASTS:

RKI and RNE, both of Moscow (15 and 12 mc. respectively) will dedicate an international good will broadcast to the Dx-ers of North America on the morning of Sunday, May 5, from I to 2 p.m. G.M.T. (8:00-9:00 a.m. E.S.T.) The All-Union Radio Board in Moscow has gone to a great deal of trouble on this broadcast and asks all radio listeners hearing it to please report asks an radio insteriors nearing it to picas, report to them. Address communications to Mr. R. Siglin, c/o All-Union Radio Board, short-wave stations RNE and RKI. Moscow, U.S.S.R. HP5B, "Emisora Mirimar" at Panama City. Panama, writes that they will put on a special international short-wave good will program for

ranama, writes that they will put on a special international short-wave good will program for the short-wave listeners of the world on the evening of May 14. HP5B operates on 6,030 kc. Address communications to "Chief Engineer Enrique Linares, Jr., Emisora Mirimar, HP5B, Mirimar Club, Panama, Republic of Panama, Control Appenies" Central America."

TIPS PERIODS

"Around the World DX Chat" with Frank D. Andrews featured weekly over radio station KFI, Los Angeles, Calif., (640 kc.) at 2:30-3:00 a.m. E.S.T., on Saturday mornings, Shortwave and broadcast-band tips, guest speakers.

and other features of interest.

The "KDKA DX Club," weekly at 12:30-1:00
a.m. E.S.T. (Saturdays) over KDKA (980 kc.). W8XK (6.140 kc.). W8XK (11,870 kc.). This popular DX club has now been on the air about one year and features those inimitable DX comentators Ed Lips, the short-wave announcer. and Joe Stokes the broadcast-band tipster, DX Club is easerly awaited in all parts of the world.

WTCN, Minneapolis, Minn. (1,250 kc.) has now inaugurated a weekly DX tips period which comes on Sunday mornings from 12:45-1:00 a.m. E.S.T. This period features G. Morgan Spencer, and M. Mickelson n well-known old-timer and vice-president of the Society of Wire-less Pioneers. This period caters more to the ham and the pioneer than do either of the two first named clubs.

SERVICE MEN-

Don't fail to enter the contest sponsored by RADIO-CRAFT which will begin in the next issue.

This is the first time any contest has been held exclusively for the Service Man. It is open to everyone in the service field and there will be no cost involved in entering it,

The object of the contest is to determine what testing equipment a Service Man requires for his service shop. The prizes for the contest will be testing equipment which will increase the efficiency of your shop as well as increase your earning power. Watch for the details next month!