Regular schedule of WJAM, The Evening Gazette-Icwa Railway and Light company radiophone station (wave length, 268, D. M. Perham, engineer) market reports, daily except Sunday, 10 1130 and 1:30. Story Hour, conducted by Miss Blanche Loomis, Tuesday, Thursday and Saturday, 6 to 6:30, other programs to be announced (Central standard time.)

FEATURES TONIGHT

(ALL CENTRAL TIME.)

6, WWJ (516) Detroit, orchestra and tenor

6:30, WCCO, (417) Minneapolis, linner music 7:15. W(1) (380) Schenectady, comedy, Resemary", WGY play-

7:30-9, WHAS (400) Louisville

7:30-8:30, WBAP (476) Fort Worth, old time fiddlers 9, WCX (516) Detroit, Red Apple club

9:30-10:45, WBAP (476) Fort Vorth program by Rotary club. 10-11:30, KYW (535) Chicago, at

11. WLS (345) Chicago, "A Night Among the Heather." Scotch program by Jessie and Nan Muir

clear weather daily from 9 to 930 n m and from 3 to 330 p. m When a ship's operator wants to

When a snips operator wants to get a position, he points the loop toward the beacon and revolves it until the signals are weakest or if audible He can refer to the radio compass scale or chart which will tell him the bearing By taking bear-ings on more than one beacon and

outing where the bearings intersect

the exact position can be determined. Ships not equipped with radio compass installations can call the shore

# New Waves Given Fifteen Class B Radio Stations

WASHINGTON Jan 6-Fifteen class B radio stations have changed their wave lengths slightly in the their wave lengths anguly of secret tests made by the department of commerce early in December. Most noticeable are those made by WOC (498). Davenport, and WHAA (498), lowa City. Each of these stations moved up fourteen meters. The moved up fourteen meters. The wave lengths were changed to ere ate new channels for forty proposed new class B stations. The new wave tons of 484 meters or higher The changes made were as follows of the continuous tones of the continuou

## Snodgrass Gives One Of Last Concerts At WOS: Freed Jan. 16

One more Monday night concert, and Harry M Snodgrass will say his adieu to his WOS radio audience (in Jan 16 the little pianist, named the world's most popular radio entertainer, will be freed from prison Playing hast night from the Jef ferson City station, the king of the ivories" was heard by fans through out this country The announcer however, did not mention the gifts Mr Snodgrass received from his audience last night.

Sintlon WOC, Davenport, had agait and readings last night. Then at 10 o'clock the Palmer school players presented an amusing one-set comedy, "The Rough Diamond" Station WFAA at Dallas was well tenseented by the Magnolia Petroleum company's Dallas band General Electric station KOA at Denver was heard clearly being on the air with a good musical program.

# WJAM TONIGHT

6, story hour, conducted by Blanche Loomis.

7 to 9, piano concert, popular numbers, a request program, by Elmer F. Young. \_9\_to 10:30, Guy Clark's orches-

tra, broadcasting from Dream-

# RADIO MANUAL

# ON THE AIR TOMORROW

WMAQ (448) Chicago organ
WGN (370) Chicago, organ
WLW (423) Chichnati, concert
WCCO (417) Mpla, talk.
WHN (300) New York, entertainers.
WJZ (450) New York, encertainers.
WJZ (450) New York, orchestra.
KGO (312) Oakland, concert.
WWI (513) Detroit, orchestra.
WKAQ (360) Porto Rico, concert.
30, WKS (348) Chicago, organ.
30, WGN (370) Chicago, concert
30, WJJD (978) Mooneheart, organ.
30, WGN (402) New York, army hand

5. KSD (319) St. Louis, concert was semble, violinist; WQJ (148) Chicago, concert KYW (536) Chicago, concert. WEA (346) Chicago, lullaby time. WEAO (294) Columbus, chimes. WOC (498) Davenport, Sandman WCCO (417) Mpls., services. WIN (366) New York, College Clothes.

MSI) (319) St. Louis, concert englished violatist (348) Chicago, concert (348) Chicago, chimes. EAO (284) Columbus, chimes. EAO (284) Columbus, chimes. EAO (284) Chicago, chimes. CCO (417) Mpls., services. (348) Chicago, chimes. (349) Chicago, chimes. (349) Chicago, chimes. (345) Chicago, chimes, chimes. (345) Chicago, chimestra. (346) Chicago, chimestra. (34

compass stations for bearings by tion Other beacons are located at Cape

flashing the international abbreviation "QTE" If a position is wanted, the signal is 'QTF' The 600- meter wave length is used to call for bearings or positions. In such circumstances the ship transmits similar to the beacons enabling the land compass operators to make the calculations.

New York Harbor has four radio compass stations in addition to the compass stations in addition to the three heacons All New York compass stations are controlled from the pass stations are controlled from the Naval Radio Station at South and Whitchall Streets, New York. These stations have been known to give forty five ships positions within eight hours, when all other means of reckoning had failed because of sovere stoms of several days' duration.

Continued tomorrow)

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