ABOUT TO START

In Securing Safety of Life at Sea-Titanic Disaster Recalled

Washington-Officers and crews of the coast guard cutters Modoc and Tampa are making ready for the fourmonths' vigil for floating ice in the North Atlantic, which has been maintained annually by the United States government for the past 15 years. Beginning early in March, and continuing through June or later, if neceswary, the two vessels, turn and turn about, will patrol the northern ocean in order that ships traversing the transatiantic lanes may have due warning of icebergs and field ice trav-eling south from the Arctic. When Titanie Struck

The annual watch for ice was undertaken as a direct result of the sinking of the Titanic April 15, 1912, when she struck an leeberg on her maiden voyage and nearly two-thirds of the passengers and crew were lost. The following year, and again in 1914, conferences were held in London which brought about the adoption of the international convention for the safety of life at sea, under which the United States each spring carries on an international ice-observation and ice-patrol service.

The object of the service is to locate the icebergs and field ice nearest to the transatiantic lanes. It is the duty of the patrol vessels to determine the southerly, easterly and west-orly limits of the ice and to keep in touch with the fields as they move to the southward in order that radio measurements. dertaken as a direct result of the

messages may be sent out daily giving the whereabouts of the ice, particularly ice that may be in the immediate vicinity of the regular steamship lanes. During the four months or more of the patrol the coast guard cutters are based on Hallfax, N. S., one vessel remaining at the base while the other is on patrol, and leaving, in the absence of the second vessel, only when it is absolutely necessary to the southward in order that radio messages may be sent out daily giv-ing the whereabouts of the ice, par-ticularly ice that may be in the imwhen it is absolutely necessary to Boston Gets Advice

Having located ice, the vessel on patrol will transmit four daily broadcasis, giving ice information for the ber est of shipping, each on a different frequency. In addition, ice information will be given at any time to any ship with which the patrol ves

sel can communicate.

The information furnished by the patrol vessel also will be disseminated twice a day by the naval radio stations NAA, Washington; NAD, Boston; NAH, New York, and NAM, Nor-

folk.

Annually great masses of ice break loss from the Arctic ice cap in the early spring and drift southward in the form of bergs and fields. The bergs, especially, constitute a manace to shipping as, with approximately seven-eighths of their bulk beneath water a vessel may hit them without warning, as was the case with the Titanic. Bergs which may prove especially dangerous to shipping are destroyed by shell fire from the cutter on patrol.

TUNING FORK"

Radio Plays Prominent Part Perfecting Circuits For New 50,000-Watt Transmitter On Avon Mountain In Connecticut

Nearly 180 tons of newly-erected telephone cable will connect the new 50-kilowatt transmission plant of The Travelers' radio station, WTIC, now under construction on Avon mountain, with the station's studios in the Grove-street building of the company in the center of Hartford, when the plant is put into operation late in the summer or early fall. The cable will be approximately 1214 miles long, and will consist of a large number of telephone circuits, some specially designed, to take care of present and future needs of the plant.

Since the station's present studios. after extensive alterations, will be connected with one from the studies

conductors electrically will have the ability to transmit frequencies upward to at least 10,000 cycles. Ordinarily telephone circuits are balanced to handle a frequency of about 2400 cycles, which is the maximum that is necessary to transmit the average speaking voice.

speaking voice.

Perhaps to average person a telephone wire is nothing more than its name implies, but to those understanding some of the technicalities of radio broadcasting, a telephone wire is a piece of copper which will transmit programs within its limitation with respect to cycles. For example, were a broadcasting circuit not made adaptable to carrying the shrill notes of the flute with the same fidelity as the deep pedal notes of the organ, its teners would be unable to catch many flue points in programs offered them.

In order to make possible the transmission of radio programs so they

Ancient Song Book Was **Bootleg Radio Station** Beginning of Tenor's Fame



Franklyn Baur received his original sings some of the old fanal inspiration from a song book, miliar songs contained in this ancient book. Franklyn Baur became tenor selost of Rockefeller Park Baptist church, and later—after studying in Grandfather Baur, pictured above Europe—became an exclusive Victor with Franklyn and his song book, was a noted church soloist in New tenor in Ziegfeld's Follies last year York city and is responsible for starting his grandson on the road to fume with early training. As many radio recognized as the leading American singer of American sentiments.

new plant is put into use. The operating staff of the station will make these tests by means of oscillators, which will be capable of producing tones corresponding to all the frequencies perceptible to the human car. These oscillators are very much like a tuning fork, which of course is able to set up only a single frequency. These tests will insure the carrying of all from the studios with equal fidelity for

transmitting purposes to listeners

tuned in on WTIC's wave length. Telephone connections also will be naintained between the control room of the plant on the mountain top and the amplifying room in the Grovestreet building of The Travelers, as

Greensboro, N. C. (AP)-Pete, who used to be just a canary bird, is now a star radio performer.

The singing of the little feathered songster has become a regular feature of programs of Station WNRC, Greensboro. He has among his radio listeners a hundred or more canaries for whom he serves as an invisible

Choir leader.

When Wayne Nelson, director of Station WNRC started broadcasting Pete's voice, he received many calls telling how the notes of the bird excited other canaries that happened to be near the receivers. The owners of the canaries formed a habit of moving

FEATHERED SONGSTER

Puzzles Vermont Tower Northfield, Vt.-(AP)-A glow of leased surprise that changed to bewilderment was the reaction of resi-

dents of Northfield recently when they brought in an jinknown local station on their radio sets. "This is radio strition NU at

Northfield, "Vt." came the announce-

ment."
Then followed "news broadcasts"
ourporting to describe gory fistic
clashes between distinguished profesclashes between distinguished professors in Norwich university. The program was rounded out with comedy sketches, music of a sort, and phonograph records.

Word finally leaked out that two

students had acquired a microphone and, with some simple radio equipment had taken to the air with alleged bouts between faculty members and other material.

PROGRAMS FOR WEEK

TODAY

02-SPRINGFIELD, WBZ-000 10.45 a. m. Service from Church of the Unity, Springfield. 11.00 a. m.—Trinity church, Rev Henry K. Sherrill.

1.00 p. m.—Children's Hospital Musicale.
Under direction of Joseph Adamosiwki of
New England Conservatory of Music
First Movement of the Quartet in F major
Dvorak

Talk by Dr John Lovett Morse
Subject: "The Future of the Children's

Ave Maria Garden Mascagni
Ave Maria Gound
In a Porsian Garden Lehmann
Violin solo Bach
The Sleigh Kountz
Big Bass Viel Bohnnon
Serenade Schubert
Duct-Lon, long Ago Isayly
4.50 p. m.—McKinney Musicians; Edward
McHugh, bartione; Murion Whittemero and
Richard Wilson. Gaspen Fosdick.
6.30 p. m.—Dr Harry Emerson Fosdick.
6.30 p. m.—Anglo-Versians; Republican
Vews Bulletins.
7.00 p. m.—Health Work of Learners

6.30 p. m.—Anglo-Persians; Republican News Bulletins. 7.00 p. m.—Health Work of League of Nations, 7.10 p. m.—At the Buldwin. 8.00 p. m.—Enna Jettick Molodies. 8.15 p. m.—Collier's Radio hour. 9.16 p. m.—Kappa Gamma Psi hour. 10.21 p. m.—Hocky proadcast. 11.00 p. m.—Republican News Bulletins.

500-HARTFORD, WTIC-500 1.30 p. m .- Peerless Reproducers.

2.00 p. m .- Biblical drama, "Esther." 3.00 p. m.—Dr Stephen S. Wise, subject 'Religion and Death." 4.00 p. m. Dr. S. Parkes Cadman, subect. "The Original American."

6.00 p. m.—American Legion band.
6.30 p. m.—Merican Legion band.
7.00 p. m.—Wisongs of 25 Years Ago."
7.00 p. m.—Old Company's Frogram, Signund Spaeth and the Old Company's singer.
7.30 p. m.—Capitol Theater family.
6.00 p. m.—"Our Government," David

379-SCHENECTADY, WGY-790.

10.30 a. m.—First Baptist church. 1.30 p. m.—Peerless Reproducers. 2.00 p. m.—Biblical drams. 3.30 p. m.—Organ recital. Elmer A. Tid-

3.30 p. m.—Organ rocital, Elmor A. Tid-narsh.
4.00 p. m.—Dr B. Parkes Cadman.
5.30 p. m.—Twillight Voices.
6.30 p. m.—Dictograph program.
7.00 p. m.—Dr Sigmund Spaeth and the
Did Company singers.
7.30 p. m.—Capitol theater program.
9.00 p. m.—"Our Government." David

0.15 p. m.—Atwater Kent hour. 10.15 p. m.—Studebaker program. 10.45 p. m.—Naflonal Light Opera com 11.45 p.m.-12.15 a.m.—Television transmission (W2XAD only). 304-NEW YORK; WJZ-700

12.36°p. m.—String quartet.

1.00 p. m.—National artists hour.
2.00 p. m.—Roxy, spemphony concert.
5.00 p. m.—Dr. Daniel A. Poling.
4.00 p. m.—Maria Damycsch program.
4.30 p. m.—Maria Damycsch program.
6.30 p. m.—Dr. Harry Emerson Fosdick.
6.30 p. m.—Whittail Anglo-Perslans.
7.00 p. m.—Russian orchestra; At the Baldwin. 312-TORONTO, CKGW-960

Baldwin.

8.00 p. m.—Enna Jettick Melodies; Col-iler's hour.

8.15 p. m.—Utica Jubilee Singers; El Tanto Romantico. 10.15 p. m.—The Morley singers. 10.45 p. m.—Godfrey Ludlow, violinist. 22—CINCINNATI, WLW—700

2.00 p. m.—Roxy Symphony concert.
3.00 p. m.—Young People's conference.
4.00 p. m.—Young People's conference.
4.00 p. m.—Voung People's conference.
5.00 p. m.—Wesper service from First
Presbyterian church.
6.00 p. m.—Fr Harry Emerson Fosdick.
6.30 p. m.—Whitall Anglo-Persians.
7.30 p. m.—Baldwin plano program.
8.00 p. m.—Baldwin plano program.
8.00 p. m.—Enna Jettick melodies.
8.15 p. m.—Colliers Radio hour.
10.15 p. m.—Colliers Radio hour.
10.15 p. m.—Collo singers.
10.45 p. m.—Collo recital.
11.00 p. m.—Musicale novelesque.

INI-NEW YORK, WITAF-060 12,30 p. m.—Sylvestra hour. 1,30 p. m.—Peorless Reproducers. 2.00 p. m.—Biblical drama, "Esther." 3.00 p. m.—Rev Dr Stephen S. Wisc. 5:30 p. m.—Twilight Voices.
6:00 p. m.—America Legion band.
6:30 p. m.—Dictograph program.
7:00 p. m.—Old Company program.
7:30 p. m.—Maj Bowes Family.
9:00 p. m.—"Our Government,"

272-NEW YORK, WINVL-1100 3.15 p. m.-K. of C. forum; "Chris

Connell.

8.00 p. m.—Services from Paulist Fathers' church. "The Crucifixion and the Modern Mind"; Rev Fullon J. Sheen. Paulist choristors.

526-NEW YORK, WMCA-570

11.00 a. m.—Ohristian Science services. 7.00 p. m.—McAlpiners orchestra; York ville Entertainers. 8.00 p. m.—Gilvan orchestra. 9.00 p. m.—Oasls of Music; Poitis Fischer premiere. 10.00 p. m.—Variety program; Rainbo 11.00 p. m.—Grovoland; Privolity Enter ainers. 12.00 p. m.-Little Club orchestra.

239-NEWARK, WAAM-1250 11.00 a. m .- Presbyterian church service. 22-NEWARK, WOR (710)

2.00 p. m.—The Lawyer's Air Magazine; Selbert's Caucasians. 3.15 p. m.—Philharmonic Symphony or-5.00 p. m.—Phinarmonic-Symphony or-chestra 5.00 p. m.—Lehlgh Symphony orchestra and Glee club. 6.00 p. m.—Great Cathedrals—St Gation, Tours. 7.00 p. m.—Astor orchestra; Levitow's or

8.30 p. m.—Choir Invisible. 9,30 p. m.—Market and Halsey-street 10.30 p. m.—WOR string quartet. 260-ROCHESTER, WHAM-1150

200—ROCHESTER, WHAM—1150

10.30 a. m.—Moraing church service.

2.00 p. m.—Dyam Melody Lane.

4.00 p. m.—Dack to Melody.

4.30 p. m.—Continentals.

5.00 p. m.—Oothentals.

5.00 p. m.—National religious service.

0.30 p. m.—Anglo-Perslans.

7.00 p. m.—Eligious drama; Baldwin piano program.

8.00 p. m.—Enna Jottick Melodies: Collier's hour.

ller's hour.

0.15 p. m. — Utica Jubilee Singers; El Tango Romantico. 518-WORCESTER, WTAG-580

4.00 p. m.—Dr Cadman. 6.00 p. m.—American Legion Band; Dicto raph program.

7.00 p. m.—Old Company's Songalog.

8.00 p. m.—Jenney concert.

9.00 p. m.—'Our Government,' by David 9.15 p. m.—Organ recital, Ernest Johnson 9.45 p. m.—Studio program by the WTAC

10,15 p. m .- Studebaker Champions

10.45 a. m.—Service from Old South church 1.30 p. m.—Peerloss Reproducers. 2.00 p. m.—Sager hour. 4.00 p. m.—Address by Rev Dr S. Parket Sadman.
5.30 p. m.—Fox Fur Trappers.
6.00 p. m.—American Legion band.
6.30 p. m.—Dictograph program.
7.00 p. m.—Old Company program. 283-BALTIMORE, WBAL-1060

12.30 p. in. -String quartet; National Art -2.00 p. m.—Roxy Symphony concert.

8.00 p. m/ Jenney concert. 9.15 p. m/ Atwater Kent hour. 10.25 p.// Good Will orchestra. 310 URTLAND, WCSH-940 1.00 a. m.—State-street church. 1.30 p. m.—Peerless Reproducers; Radio

28-CINCINNATI, WLW-700

416—CHICAGO, (WGN)—720

447-CHICAGO, WMAQ-670

889—CHICAGO, WBBM—770

345-CHICAGO, WLS-870

545—BUFFALO, WGR—550

8.35 p. m.—Drake concert ensemble.
9.15 p. m.—Atwater Kent program; Stude-baker program.
11 p. n.—Dance orchestra; Frank Roberts, tenor; Dream Ship.
11.15 p. m.—Goldkette orchestra; Night-hawks.

5.30 p. m—Tenth Prebyterian church, Philadelphia. 6.30 p. m.—Vespers from St James Epis-opal cathedral. 7.00 p. m.—The Daily News concert or

chestra. 8.00 p. m.—Chicago Sunday Evening club 10.45 p. m.—Burlington program; Amos

11.10 p. m.—Concert brchestra; Bible read ng, Bili Hay.

11.30 a. m.—Chicago Gospel Tabernacle, Paul Rader; sermon, choir, 50 pieco band. 8.30 p. m.—LaPalline program. 9.00 p. m.—Majestic Theater of the Air. 10.00 p. m.—Del'orest Audions. 10.30 p. m.—Chicago Gospel Tabernacle. 1.00 a. m. to 4.00 a. m.—'Nutty Club' with Charile Garland and Royal Canadians.

2.30 p. m.—Crossroads Sunday-school 7.00 p. m.—The Little Brown church; WLS Players and Quartet; Sermon story, Anthony Wons.

7.45 p. m.—Central Presbyterian church 9.00 p. m.—Our Oovernment, David Lav

9.30 a.m.—Episcopal service.
10.45 a.m.—Tabernacle service.
3.00 p. m.—Symphonic hour.
4.00 p. m.—Cathedral hour.
5.00 p. m.—Granger recital.
5.30 p. m.—Tenth Presbyterian church,

(70-ST PAUL, (WCCO)-810
3.00 p. m.—Symphonic hour.
4.60 p. m.—Cathedral hour.
5.10 p. m.—House of Hope Presbyterian thurch, St Paul, Rev H. C. Swearingen, D.
5. pastor.
6.50 p. m.—Second Church of Christ, Cleintist, Minneapolis.
8.15 p. m.—Around the Samovar.
8.30 p. m.—La Palina program.
9.00 p. m.—Majestic hour.
10.00 p. m.—Minneapolis Symphony orchestra.

1.30 p. m.—Peerless Reproducers. 3.00 p. m.—Dr Stephen S. Wisc. 4.00 p. m.—Dr S. Parks Cadman.

9.15 p. m.-Atwater Kent hour. 10.15 p. m.-Studebaker program.

7.00 p. m.—Tabernacle service, 10.15 p. m.—Gospel Melody hour.

370-ST PAUL, (WCCO)-810

204-BUFFALO, WKBW-1470

arish church.
4.00 p. m.—Dr. Cadman.
6.00 p. m.—Stetson parade; Acousticon hour. 7.00 p. m:—Old Company's program: Cen-iral-square church. p.00 p. m.—David Lawrence. 10.00 p. m.—Studebaker program.

101-PHILADELPHIA, WIP-610 75 10.45 a.m.—Service from the Holy Trinit church.

1.00 p, m.—Coleman Lamp hour. 2.00 p. m.—CKGW instrumental tric. 4.30 p. m.—Romanelli Symphony orches 01-NASHVILLE, WLAC-1490 5.00 p. m.—Organ recital from Mashvii onservatory of Music; Spirituals by Negr omen's chorus. 7.00 p. m.—Central Church of Christ ser

10.15 p. m.—H. O. Dixon, baritone; Vito taff orchestra. 365—LOUISVILLE, (WHAS)—820.

8 p. m.—Enna Jettick melodies. 8.15 p. m.—Major Bowes Capitol "Far 19. m.—P±vid Lawrence. 9 p. m.—P±vid Lawrence. 9.15 p. m.—Studebaker orchestra. 10.45 p. m.—National Light opera.

200-DAVENPORT, WOC-1000

11.00 a. m.—Borvices from Edwards Cogregational church.
1.00 p. m.—Palmer String quartet; Pecloss hour.
2.00 p. m.—Biblical drama. cord.
2.00 p. m.—Frances Paperte.
3.00 p. m.—Dr Stephen Wige; Ac.,
4.00 p. m.—Dr Stephen Wige; Ac.,
5.00 p. m.—Twilight Voices.

301-DENVER, KOA-830 300 4

7.30 p. m.—Baldwin Piano program. 8.15 p. m.—Collier's hour. 9.15 p. m.—Atwater Kent hour. ed. 10.15 p. m.—Light opera.

285-LOS ANGELES, KNX-1050. 8.30 p. m .- All Souls' church, Dr Charle 0.00 p. m.—Religious Science and Ph

10.00 p. m.—Impressionistic descriptions word and music.
11.00 p. m.—First Presbyterlam oburch Hollywood.
12.00 p. m.—Calmon Luboviski, apactor a linist; Claire Mellonino, planist; Walter Ferner, cellist.

MONDAY

6.01p. m.—MAC Forum; Di Santi's lestra; Republican News Bulletins; R. oNeel.
7.10 p. m.—Statler orchestra.
7.30 p. m.—Poxy and Hs Gang.
8.30 p. m.—Automatic Duo Discs.
9.60 p. m.—Edison Recorders; Chesebr p. m.— Folks."

'Real Folks."

10.00 p. m.—Andrews's orchestra.

11.00 p. m.—Republican News' Bulle
Modern Harmonies by Lillian Joyy St rchestra.
11.30 p. m.—Keith Memorial organ, Es 000-HARTFORD, WTIC-600

6.30 p. m.—Bond tric.
7.00 p. m.—Rudy Vallee and his orches
8.00 p. m.—The Voice of Firestone.
8.30 p. m.—A. & P Gypsies.
9.30 p. m.—General Motors
10.30 p. m.—Empire Builders

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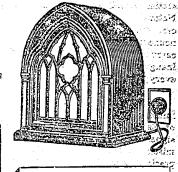
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