

THEATRE of the AIR

SATURDAY'S PROGRAMMES

CFNB, FREDERICTON, 550 K.
8.00—News Service
8.05—Musical Clock
8.30—M. M. A. Talk
8.35—Listening Post
9.00—Birthday Program
9.30—Alatini Programme.
9.45—Concert Songs
10.00—Piano.
10.15—Thor Program
10.45—Enterprise Hourly Program
11.00—Happy Warrior Hour
12.00—Purina Program
12.15—Bldg. Products Program
12.45—News Service
1.00—Frigidaire Program
1.30—Royal York Concert Orchest.
2.00—Marooni Band Concert
2.30—Sherwin Williams' Musical.
4.30—Tea Dance
4.45—Monitor News
5.00—News Service
5.15—Burgess Battery Program
5.30—All Request Program
6.00—Band Parade
6.15—Canada Cement
6.30—Popular Songs.
6.45—MacDonald Program
7.00—Valley Motors Program
7.10—News Bulletins
7.15—Souvenirs in Rhythm
7.30—Captain Jack
7.45—Cooke and Lord
8.00—Bert Anstice & Mountain Boys
8.30—Wilson's Orchestra
9.30—Let's go to the Musical Hall
10.00—Musical Merry-go-Round
10.30—Lloyd Huntley's Orch.
10.45—Canadian Press
11.00—Across the Border
11.30—Jasper Park Orch.
11.45—Louis Guenette's Orchestra

WEAF, NEW YORK, 660 K.
5.30—Children's Program
6.00—Summary of NBC Programs
6.20—Alpine Village Orchestra
6.30—Press News
6.35—Baseball Resume
6.45—Religion in the News
7.00—Connie Gates, Contralto
7.15—Edwin C. Hill
7.30—Negro Male Chorus
8.00—Carl Ravazza's Orch.
9.00—Frank Fay Calling
9.30—Shell Chateau
10.30—Celebrity Night
11.30—Eso News Reporter
11.35—Chas. Dornberger's Orchestra
12.00—Eddie Duchin's Orchestra
12.30—Rudy Vallee's Orch.

WJZ, NEW YORK, 760 K.
5.15—Musical Adventures
5.30—Treasure Trails
5.45—Ruth and Ross
6.00—Eso News Reporter
6.05—Jesse Crawford, organist
6.30—News
6.35—Jamboree
7.00—King's Jesters
7.15—Home Town
7.30—Message of Israel
8.00—Henri Deering, pianist
8.15—To be Announced
9.15—Arm Chair
9.30—Barn Dance
10.30—To be Announced
12.00—Springtime
12.30—Henry King's Orch.

WGY, SCHENECTADY, 790 K.
5.00—Blue Room Echoes
5.30—Children's Hour
6.00—News Reports
6.30—News
6.35—Evening Brevities
6.45—Religion in the News
7.15—Human Side of the News
7.30—Gen. Electric Program
8.00—Hit Parade
9.00—Rubinoff and his Violin
9.30—Shell Chateau; Wallace Beery
10.30—George Olsen's Orchestra
11.00—News Reports
11.30—Dance Music
12.00—Dance Music
12.30—Dance Music

WABC, NEW YORK, 860 K.
5.00—Frank Dailey and His Orch.
5.30—Vincent Lopez and His Orch.
6.00—Frederic William Wile
6.15—Parade of Youth
6.30—News
6.35—Three Little Words
6.45—Gogo De Lys
7.00—The Atlantic Family on Tour
7.15—Eleana Moneck and Ensemble
7.30—The Carberundum Band
8.00—Harry Reser and Eskimos
8.30—Kreuger's Musical Toast
8.45—Seymour Simon & Orchestra
9.00—Chesterfield Presents
9.30—Along Rialto Row
10.00—California Melodies
10.30—U. S. Debate
11.00—Abe Lyman Orchestra
11.45—Ozzie Nelson and Orchestra
12.15—Claude Hopkins and Orchestra
12.45—Herbie Kay and Orchestra

SUNDAY'S PROGRAMMES

CFNB, FREDERICTON, 550 K.
6.00—Grenadier Guards Band
6.30—Dr. H. L. Stewart Relews News
6.45—Paul DeMarky, Pianist
7.00—Crinolines

7.30—La Vieille Maison
8.00—American Dances
8.30—Jasper Park Lodge Musicale
9.00—La Petite Symphonie de Radio
9.30—Rocky Mountain Time
10.00—Mirror of Melody 'Reflects'
10.30—Chasing Shadows
10.45—News, Weather Forecast
11.00—Atlantic Nocturne
11.30—Blue Pacific Moonlight

WABC, NEW YORK, 860 K.
3.00—N. Y. Philharmonic Orchestra
5.00—Elsie Thompson, organ
5.30—Frank Crumit, Julia Sanderson
6.00—Amateur Night
6.30—"Smiling Ed" McConnell
6.45—Voice of Experience
7.00—Eddie Cantor
7.30—Phil Baker, the Great American Tourist
8.00—Free For All
8.30—Leslie Howard
9.00—Ford Sunday Hour
10.00—Wayne King's Orchestra
10.30—Jack Hyland's Orchestra
11.00—Jack Denny's Orchestra
11.30—Israhm Jones' 'Orchestra
12.00—Frank Dailey's Orchestra

WEAF, NEW YORK, 660 K.
4.00—The Widow's Sons
4.30—Noble Cain and Chicago A Capella Choir
5.00—To be Announced
5.30—Words and Music
6.00—Catholic Hour
6.30—Echoes of New York Town
7.30—Fireside Recitals
7.45—Sunset Dreams
8.00—Major Bowes' Amateur Hour
9.00—Manhattan Merry-go-Round
9.30—Album of Familiar Music
10.00—General Motors Concert
11.00—Ted Lewis' Orchestra
11.30—News and Music
12.00—Freddie Bergin's Orchestra
12.30—Emerson Gill's Orchestra

WJZ, NEW YORK, 760 K.
4.00—National Vespers
4.30—Senator Fishface and Professor Figs bottle
5.00—Tom Terriss, Oriental Romance
5.45—Moody Institute Singers
6.00—Grenadier Guards Band
6.30—A. B. McGinley on Sports
6.45—Jack the Inquisitor
7.00—Travelers Choral Club
7.30—Sigurd Nissen
8.00—Amateur Hour
9.00—Manhattan Merry-go-round
9.30—City Desk
10.00—Symphony Concert
9.30—Album of Familiar Music
7.00—Jack Benny
7.30—The Bakers Broadcast
8.00—Echoes from the Orchestra Pit
9.00—Jack Hyton's Continental Review
9.30—Walter Winchell
9.45—Paul Whiteman's Varieties
10.30—Dreams of Long Ago
11.00—Twin City Foursome
11.15—Shandor, violinist
11.30—El Chico
12.00—Benny Goodman's Orch.
12.30—Carl Ravazza's Orchestra

WGY, SCHENECTADY, N. Y., 790 K.
4.00—The Widow's Sons
4.30—Temple of Song
4.45—Piano Recital
5.00—Pop Concert
5.30—Words and Music
6.00—Catholic Hour
6.30—Annette McCullough
6.45—Musical Program
7.00—Drama K-7
7.30—Fireside Recitals
7.45—Morin Sisters and Ranch Boys
8.00—Amateur Hour
9.00—Manhattan Merry-go-round
9.30—Musical Review
10.00—General Motors Program
11.00—The Melody Master

SHORT WAVE

SATURDAY, SEPTEMBER 12

PARIS, 6.15 p.m.—Concert from Radio-Paris. TPA-3, 25.2 m., 11.88 meg.

GENEVA, 6.30 p.m.—News from the League of Nations headquarters. HBL, 31.2 m., 9.65 meg.

SCHENECTADY, 7.30 p.m.—Science Forum. W2XAF, 31.4 m., 9.53 meg.

LONDON, 8.26 p.m.—A Recital of Shakespearean Songs. GSP, 19.6 m., 15.31 meg.; GSD, 25.5 m., 11.75 meg.; GSC, 31.3 m., 9.58 meg.

BERLIN, 8.30 p.m.—Gala Dance Evening. DJD, 25.4 m., 11.77 meg.

CARACAS, 9.30 p.m. Native Songs. YV2RC, 51.7 m., 5.8 meg.

LONDON, 10.26 p.m.—The BBC Dance Orchestra, directed by Henry Hall. GSF, 19.8 m., 15.14 meg.; GSC, 31.3 m., 9.58 meg.

LETHBRIDGE, 12 p.m.—The Sport Week, Henry Viney, sports commentator. CJRO, Winnipeg, 48.7 m., 6.15 meg.; CJRX, Winnipeg, 25.6 m., 11.72 meg.

RADIO BROADCASTING IS JUST A HOBBY FOR SAINT JOHN'S "SINGING TOBACCONIST"

SAINT JOHN, Sept. 12.—'Tis said that in the midst of one busy night in a Saint John maternity hospital just after the turn of the century, one of the city's specialists stood aghast after delivering a round 12 pound baby to an Irish mother. As the babe was safely given to protecting arms he followed the usual course—partially. He opened his mouth, wide, hit low "C", and ran up and down two octaves for the next few hours.

That infant was John Riordan, now one of Saint John's most prominent baritones; one who sings just as a hobby and who, after each engagement, rushes back to his place of business—a combination sub-post office, tobacco store and soda fountain. Thus he won for himself the sobriquet of "the singing tobacconist" and he loves it. He sings as he works. He hums on the streets and sings again between courses at dinner.

His natural flair for music was enhanced by prolonged studies under Scotland's T. H. Allwood, Canada's Finlay Campbell, and America's Earle Spicer.

It was while undergoing his training that Riordan made his first public appearance. That was in connection with a presentation of "H.M.S. Pinafore" under the auspices of the Roman Catholic Bishop of Saint John in conjunction with the opening of the new St. Vincent's School in 1917. In subsequent years he rose to the spotlight of local musical endeavors and his last two stage-show efforts saw him

carry the lead roles in "Christina of Greenland" and "Pepita."

Leading baritone in the choir of the Cathedral of Immaculate Conception, Riordan gives freely of his time and talents, when business permits, to charity efforts and for the last 10 years has given annual recitals for the benefit of the patients in the Lancaster Military Hospital, the Saint John Tuberculosis Hospital, the Provincial Hospital for Mental Diseases, and at various other institutions.

Like many, he was skeptical of radio when it made its first uncertain advances and not until five years ago would he accept an invitation to take a place before the microphone. Then he was contacted by a local bakery. He explains he took the contract because he could sing during his lunch hour. He continued on it for two years. He switched his alliance to a local transmission sponsored by a dairy and then dropped out for a while as he took over new "business" premises.

In 1934, he was invited to guest-star on "Fuddy Fantasy," then airing weekly from the Loyalist City. He did so. When a shake-up occurred in the programme's personnel early in 1935, he appeared in the studio once every three weeks for a solo role. When "Fan Fare" was ordered by J. Frank Willis, regional director for the Commission, Riordan was assigned to carry a third of the solo work.

"But, remember," he says, "I do it all just for the fun of singing. Business comes first."

FAHRENHEIT, BIG THERMOMETER MAN

Story of the Scientist Who Reduced to Simple Terms the Art of Registering Temperatures

NEW YORK, Sept. 12.—This story has to do with the weather and would be just as timely in the dead of winter as in midsummer. It deals with the thermometer which registers the high and low in the atmospheric field, and after all is said and done you have found out how hot or how cold it may be, yet you can do nothing about it. It's definite that everybody talks about the weather no matter what it may be.

The man who made the truth possible about the weather was Daniel Gabriel Fahrenheit, and the present year is the 250th anniversary of his birth and the 200th of his death. The name Fahrenheit is heard more often today than any other of that remote time. Born in Danzig in May, 1686, he soon found himself caught by the wave of science that was then sweeping Europe. He picked laboratory work as a pilgrim in Germany, Holland and England. There were radicals of the class rooms in those days in which such men as Sir Isaac Newton, Halley and the Dutch mathematician Gravesande.

As time went on the Herr Doktor found himself making apparatus for the uses of science. He was inventing hygrometers, barometers and aerometers and making first discoveries of facts that are now common knowledge. He discovered among other things that the boiling point of water varies with the atmospheric pressure. He had one pet scheme for drying out land after inundation, but it did not work out. His experiments had taken place in wet Holland and Gravesande had partly improved in what Fahrenheit had done, but still it was a failure.

After experimenting for years his masterpiece was his thermometer. There had been thermometers before the one discovered by Fahrenheit. As far back as 1600 Galileo had invented one which was an open tube with a column of liquid in it. Newton produced another using tin

seed oil and Halley of comet fame tried his hand at the invention. Up to 1700 the best thermometers contained spirits of wine, but they were quite erratic. Quicksilver was then brought into the making of a thermometer, but at first it had its drawbacks because of the impurities in it. Fahrenheit found a way to purify it and the first truthful thermometer came into being.

Quicksilver does not stick to the tube, oxidize or evaporate. Having found out how to measure heat and cold, degrees as we know them had to be found, likewise a point above or below it for comparison. Scientists had employed the coldest day they could remember as one base and the body temperature of cattle as the other. No two scientists could agree as to the coldest day, and often it was inconvenient to find a cow for the test. Two important factors were discovered, and that was at what degree ice begins to form and that of the human body. Science fixed intervals on which they would proceed, and Fahrenheit mixed salt and ice and called it the temperature of the mixed zero. He then divided the interval between that new zero and body heat into twenty-four degrees. That put the freezing point of water at 8 degrees.

Continuing his research, Fahrenheit found that under sea-level atmospheric pressure water would boil at 53. Later he split his degrees into four. Thus in his scale the freezing point, formerly 8, now became 32; the body temperature once 24, became 96, and the boiling point figure of 53 gave way to 212. The early findings of body temperature were found to be a little off accurate instruments now setting it as a little over 98. But the rest of the findings of Fahrenheit remain unchallenged. Other countries through their scientists tried to improve on the Fahrenheit findings, but, generally speaking, the world swears by him.

One thing is certain, and that is that the thermometer plays an important part in the affairs of daily life. You may argue with your neighbor about the heat of the moment, and you always will wind up by finding a thermometer which settles the argument at once. If you read in the paper that it is 30 below zero at Owl's Head, in New York State, you do not argue about the accuracy of that statement. You assume that to be the thermometer reading. Planning a week end trip calls for information, and you ask the weather man what the conditions indicate.

New Yorkers perhaps do not know that the thermometer is used in many industries, for without such information, whole crops of vegetables might be destroyed. Delicate operations, from the making of steel to the laying of asphalt roads and the making of jelly, are all centered about the news derived from a reading of a thermometer. Thousands of industries rely on the information, and Fahrenheit, while a great benefactor died with one great ambition thwarted. He couldn't dry up Holland.

Famous English Stars Will Be Impersonated

The national audience for 'Let's Go To The Music Hall' will be treated to another great programme on Saturday, September 12 at 9.30 p.m. AST, when George Young rings up the curtain on his forty-seventh genuine music hall show at Toronto. A galaxy of artists, impersonating the famous English stars, will be on hand to greet the Chairman and a coast-to-coast patronage.

Red Newman will present 'Addick Smoker's Daughter', in the manner of Fred Murray as the opening song. George Patton, singing 'Holding Mary's Hand,' makes his first appearance and returns to do the monologue, 'Rough Shooting.'

Larry Burford gets the spotlight for 'Delaney's Chickens'; Yvonne Miller will do a Florrie Ford in her number, 'Has Anybody Here Seen Kelly,' and The Three Walters will close the show with a neat presentation of 'The Philosophers.'

CRINOLINES

Ernest Dainty directs a programme of familiar music on Sunday, September 13, at 7.00 p.m. over the Commission's national network from the studios at Toronto. "Crinolines" for this date will present the vocal quartet in specially arranged numbers including, 'Grandfather's Clock,' by Work, 'Go to Sleep, Lena Darling,' by Emmet, 'Oh, Wert Thou in the Cauld Blast,' by Mendelssohn; 'Polly Wolly Doodle,' and the hymn 'Dear Lord and Father of Mankind.' The instrumentalists will offer the following selection, 'Solveig's Song,' from the 'Peer Gynt Suite,' by Grieg; 'To a Water Lily,' by MacDowell; 'Open Thy Blue Eyes,' by Massenet; and 'Pilgrim's Chorus,' by Wagner.

No Alberta Script

REVELSTOKE, Sept. 12.—(Special)—While watching the shooting of a scene for "The Great Barrier," the saga of the C.P.R. starring Richard Arlen, Viscount Elibank, head of the Empire's Chamber of Commerce, was asked if he had secured any of the "Prosperity Certificates" recently instituted in Alberta. He expressed regret that he had been unable to obtain one, adding "I should have liked to have sent it to Mr. Neville Chamberlain, Chancellor of the Exchequer."

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For over a quarter of a century we have continued to extend our facilities from a modest forge in the year 1902, devoted to the manufacture of coal mining tools, to that of our present plant and facilities covering a large area.

Our products used in all parts of the Dominion have found wide favor among the most discriminating buyers.

Road Building Equipment, Paving Plants, Asphalt & Gravel Spreaders, Rock Crushers, Revolving & Shaking Screens, Drag Line Buckets, Conveyors.

Manganese and Alloy Castings, Crusher Jaws, Points and Bases, Tractor Shoes, etc.

If it is steel or iron we would be glad to have your inquiries.



J. W. Cumming
Manufacturing Company, Ltd
New Glasgow, N. S.

Mount Named After Elibank

REVELSTOKE, Sept. 12.—(Special)—Viscount Elibank of Scotland, Empire trade champion, and Viscount Elibank had penetrated into the valley of the Ten Peaks to view close at hand the shooting of "The Great Barrier", Canadian film epic recording the struggles attending the construction of the C.P.R.

The distinguished visitors climbed a difficult rock to witness Richard Arlen and J. Farrell Macdonald in action against a tremendous background of peaks and cliffs, and, during a rest,

the suggestion was made that the pinnacle on which they were seated should be named after Lord Elibank. The selection of a suitable name caused discussion until a member of the Gaumont British unit urged the adoption of "Elibank's Bluff"—which brought a big laugh all around. There was another outburst when the proposal was forthcoming that the news of "Elibank's Bluff" should be wired to Hon. Ian Mackenzie, Minister of National Defence at Ottawa, "with whom Lord Elibank seemed to be having a bit of argument."

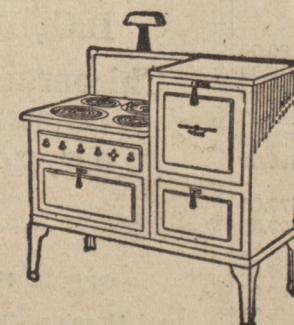
W. S. McIntyre, Saint John, is in the city, registered at the Queen hotel.



"We Never Made A Better Investment"

We were a bit doubtful as to the operating cost of an electric range, especially when we considered that, in addition to ourselves, we had 4 growing children, hearty eaters all, for whom 3 square meals per day had to be cooked, to say nothing of the baking that had to be done, to keep everyone happy. After some hesitation we decided to take the salesman's word, that, cooking electrically 3 meals per day plus baking for the average family of 5 persons cost approximately \$4.50 per month.

We are happy to say that we never made a better investment



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Visitors to the Exhibition are cordially invited to visit our booth.
MARITIME ELECTRIC COMPANY, Ltd.

FREDERICTON, New Brunswick