#### \*\*\*\*\*\*\*\*\*\*\* Railway & S. S. Lines? \*\*\*\*\*\*\*\*\*\*\*\*

## DOMINION ATLANTIC

#### RAILWAY -AND-

## Steamship Lines

-TO St. John via Digby

-AND-Boston via Yarmouth

"Land of Evangeline" Route.

On and after Jan. 15th, 1912 th Steamship and Train Service of this Railway will be as follows (Sunday excepted):

Express from Halifax Accom. from Richmond Express from Yarmouth Accom. from Annapolis

#### Midland Division

Trains or the Midland Division leave Windsor daily, (except Sunday) for Truro at 7.30 a.m. 5.35 p.m. and 7.45 a. m. Mon., Tues., Thurs., an Saturday and from Traro at 6.50 a. 3.20 p.m. and 12.45 noon Mon. Wed. Fri., and Sat., connecting

Truro with trains of the Interco onial Railway, and at Windsor with express trains to and from Halifax and Yarmouth.

### Boston S.S. Service

BOSTON-YARMOUTH SERVICE. m. Tuesday and Friday.

#### St JOHN and DIGBY

ROYAL MAIL S. S. YARMOUTH. Daily Service (Sunday excepted). Leaves St. John Arrives in Digby Leaves Digby same day after arrival

express train from Halifax.

P. GIFKINS,

General Manager.

FURNESS, WITHY & CO., LTD.

LONDON, HALIFAX & ST. JOHN, N. B., SERVICE.

From London. Steamer. -Anapa March 1 (via St. John's,) -Rappahannock March 10 -Kanawha March 23 (via St. John's) -Shenandoah

From Liverpool Steamer -Tabasco

March 2 -Durango

March 9 -Almeriana FURNESS WITHY & CO., LTD.,

## H. & S.W. RAILWAY

	Time Table n effect	Accom. Mon. & Fri
Read down.	Stations	Read up.
11.30	Lv. Middleton AR.	16.25
12.01	*Clarence	15.54
12.20 12.50	Bridgetown * Granville Centre	15.36 15.07
13.07	Granville Ferry	14.50
13.26 13.45	* Karsdale Ar. Port Wade Lv.	14.34 14 10

\* Flag Stations. Trains stop on sign CONNECTION AT MIDDLETON WITH ALL POINTS ON H. & S. W. RY

P. MOONEY seneral Freight and Passenger Agent, hundred feet in height.

(New York Evening Post.)

Big lo.bergs Lurk in Fog

den Dangers of the Newfound-

land Banks.

whistle blasts awaken the wastes; ing them to break up.

gence preclaims them. In the fog, if to the Azores.

Steamship "BOSTON" sails answered promptly, they realized other sunken reefs. For this reason it test sugar land was the opening up portunity. from Yarmouth on Wednesday and that it was the mockery of the ico is advisable for vessels to give them of the Pacific Electric Railway be- It is estimated that the best sugar Saturday on arrival of Express that it is possible to detect bergs by of cases on record where vessels were Beach. mately by multiplying by 550. SEALS TELL A TALE TOO.

ders while the absence of swell or ing of icerergs. wave motion carries its meaning, too | COLLISIONS HAVE DECREASED Still another sign is the appearance 7.45 a.m. of seals or flocks of birds far from land. The temperature of the ocean

is almost aboard.

penetrated by deep fiords, which reach ington office as well as the daily log cration, and enough beet sugar would trans-Atlantic travel.

March 12 to the inland ice and are terminated of the Maritime Exchange, and re- have been produced to have supplied She will go on the New York-Mch. 19 glaciers, while in some places the ice tin, which tells all about drifting cb- States with the possibility of a resi-Mch. 30 comes down in broad projections jects and gives other facts of interest due for exportation. Apr. 12 these glaciers are making their way given without charge, and the office the teet sugar industry, each year Chamberlain's Tablets. Many have From Halifax. are broken off and set adrift as bergs. safety of valuable ships and thou- ber of acres under cultivation. The This process is called calving. The size of the pieces set adrift varies greatly, but a berg from sixty to one Mch 30 whose spires or pinnacles may reach size in the Arctic.

water as being from eight to nine this statement. times the height above. This is incorrect, as measurements above and below water should be referred to mass and not to height. It is even possible to have a berg as high out Chamberlain's Cough Remety judge! of water as it is deep below the surface, for if we imagine a large, solid lump of any regular shape which has a very small sharp high pinnacle in the centre, the height above water can easily be equal to the depth leow. An authentic case on record - is that of a berg grounded in the Strait archy on March 1st. The destruction ing" and seeding must be done, and

THOUSANDS SET ADRIFT.

Bergs are made all the year round, igilance Required to Avoid the Hids:t adrift each year. Once adrift !! the Arctic, they find their way Juta

the throb of the engines ceases at in- melting action of the oceanic waters daily, was completed in July, 1909, stock food and is readily handled tervals, and you may hear the calls of that accounts for the rapid disap- and has been in successful operation and shipped to a distance with lookouts and the answers from the pearance of the ice after it has through three successive campaigus- small expense. Pulp has been one of bridge. These are trying moments of reached the northern edge of the 1909, 1913 and 1911. The past year the the most valuable by products of a shine, blasted by withering beat, and anxiety, for no one has yet devised an warm circulatory drift currents of the capacity of the plant was 770 tons beet sugar factory, and the dryer the other side in endless darkness and instrument that will penetrate a bil- North Atlantic Ocean. If these pro- daily, and aven and the practical to place this cold, corresponding to the extreme fri-12.21 p.m. lowing cloud of sea mist. Navigators cesses of disintegration did not go on during the season of plentiful delivery food article in the hands of all who gidity of interstellar space. 5.40 p.m. must keep control of their vessels and large tergs should remain intact, of bests. 1.46 p.m. trust to their own good judgment. several years might classe before When it is recalled that the annual it comes from the factory, contain-The vettrans of the North Atlantic they would melt, and they would ev- production of sugar beets and the re- ing ninety-five per cent water, has still in this year 5231 A. D., but sim-The veterans of the North Atlantic they would mer, and they would mer, and they would mer, and they would mer, and they would mer they would mer, and they would mer to be present in the transoceanic fined product in the country of Or- been too expensive to handle to brake that may stop it by that time. signs that indicate ice. Long before routes. In fact, instances are on arise is approximately \$10,000,000, the make it available to those living Probably most scientists would argue the berg is seen from deck, its blink record in which masses of ice, escurp- reader will realize the vast import- some distance from the factory. Dried that magnetic storms will be less vioor reflection may be noted in the say ing the influences of swift destruction ance of this industry to Southern teet pulp is a valuable food product lent in future, that other forces will and the navigator can easily fix its or possessing a capability for resist- California, the State and the nation, for all forms of stock, and chicken intervene and that the stopping of the direction by watching the changing ing them, have, by phenomenal drifts, serving as it does to cut down the food, as well as having been found in earth will be postponed a great many eclor of the horizon, which is usually passed into European waters and heretefere heavy importatations of Southern California the most valumuch paler in the vicinity of ice. On been encountered from time to time sugar and serving also to defeat the able of all food for ostriches. a clear day, bergs can be seen a long throughout that portion of the ocean efforts of the sugar barons to boost | It is already being used extensively distance away; at night, their efful- which stretches from the British Isles prices to unreasonable figures, to the as feed for cattle and horses. Anton to a stop.

sometimes is lowered when ice is near quently. That such accidents have di- man of the Executive Committee of just been filled out by the completion by, and there is, of course, the chilly minished is due not to a decrease in the United States beet sugar industry of the "Titanic," the "Olympic" Lebreath that strikes the face when ice the number of bergs-they are plenti- has this to say: rador, cold and moving south 'rom tions of all types, whether they be futhe Arctic, and the Gulf stream, warm gitte buoys, derelicts, floating spars, This declaration of Mr. Hamlin is coo-is 13,000 in excess of that of the ter than land it is extremely probable ter than land it is extremely probable and flowing northward from tropical or dangerous bergs. Hanging on the in circut line with the opinions held liggest of rival liners. seas. When south winds pass over wall of the Hydrographic Office in by the management of the Southern Her engines, 50,000 horse power, are tain nearly enough land to satisfy the over the Gulf stream and encounter this city is a pilot chart, with red California Sugar Company. the Labrador current, they are chill symbols marking the positions of Some time ago an attempt was expected practically to eliminate vied and reduced to the dew point, thus bergs and other obstructions as last made by the United States govern- bration. producing fog. Among the rolling reported. Nearly every day the office ment to establish reciprocity terms She has accommodations for 5 000 that a large portion of the people tanks drift craggy bergs, field ice, is visited by shipmasters and junior with regard to sugar produced in passengers. and "growlers," or the little lumps officers, who either bring reports of Cuha, and pending the decisions the She cost \$7,500.000. that accompany the greater masses. drifting objects they have seen or building of fully eighty beet sugar The "Titanic" is not a speed marby the perpendicular fronts of huge c ive the weekly hydrographic bulls- all of the consumers of the United Southampton run in the White Star close to the margin of the sea. All of to seamen. All of this information is Southern California is leading in toward the sea, and, as their ends has no secrets. Its object is to aid making a larger showing in the abeen permanently cured by their we. lunar month will lengthen as the day are forced out into the water, they the men who are responsible for the mount of the output and total num- For sale by druggists and dealers. sands of passengers.

when he leaves port, knows approxi- tions in Orange county.

promises to do but by what he has done. That is the only true test. by this standard has no superior. People everywhere speak of it in the highest terms of praise. For sale by druggists and dealers.

ter, that had a thin spire about one 1000. The trouble began by a mutiny details are enacted, but none so

#### The Sugar Beet Industry

but in greater numbers during the THE SOUTHERN CALIFORNIA summer season; and thousands are SUGAR COMPANY.

the Labrador current and begin the s 'Tue increased use of sugar as food leets in most cases run twenty tons journey to the southward. It is not combined with the more active devel- to the acre, and the price is around It needed no such mishap as befell unorstructed drift, but one attended opment of the beet sugar industry in six dollars a ton, or a return of one the Anchor liner "Columbia" to em- with many stoppages and mishaps. Southern California has brought the hundred to one hundred and fifty MAY STAND STILL SOME DAY phasize the danger that lurks in the Many ground in the Arctic basin and great enterprise into more than or dollars per acre for a season. huge masses of polar ice which, en- break up and disappear entirely, dinary prominence in the industrial The California best grower is to Then One Side of the World Will Be a veloped in fog banks, drift in summer while others get safely past and and commercial world, mainly reap large raturns on his crop when across the northern transatlantic reach the Grand Bank. The whole through the operations of the Sand he comes to understand the value of lanes. This is the open season for ice coast of Latrador is cut up by num- ern California Sugar Company, which the hy-products and freely makes use bergs, and as every steamship ap- crous islands, tays, and headlands, was incorporated in the month of of them. The good roads in Orange proaches the Newfoundland Banks, the shoals and reefs, which makes the May, 1908, with factory and offices es- county permit of easy hauling. Vigilance of the watch on deck is re- journey of all drift a long one, and tablished at New Delbi, on the line The Southern California Sugar doubled. When the fog blanket is laid adds greatly to the destruction of cf the Pacific Electric Railway, one Company was the first factory in Calacross the sea, speed is reduced and the bergs by stoppages and by caus- mile south of Santa Ana, in Orange iforn a to erect a pulp drying plant. tute, Washington. Magnetic storms county.

when a sudden lowering of tempera- It is the greatly increased surface The modern factory of the company ing plant at a cost of over \$160,000. ture presages ice in close proximity, which the fragments expose to the with capacity of six hundred tous. The dried pulp is a most excellent this brake, at the rate measured for

less of the consumers.

LONG WHARF, BOSTON, at 1.00 p. whistle blast and echo, the distance generally heat for vessels to go to is sold in Chicago, St. Louis and in (35,000,00). of the object may be found approxi- windward of them, because the disin- other hig markets of the East. Durtegrated fragments will have a ten-ing all of the past summer, at the THE LATEST SEA MONSTER dency to drift to leeward while open time of the sensational advance in The Titanic Now Ready For the water will be found to windward. Ser- prices, the sugar of the company, Another indication of icebergs is lous injury has occurred to vessels which is of the highest quality, sold the crack and thunder of falling boul- through the breaking up or capoiz- at a reasonable figure, and held the 'Lusitania' human beings to penetrate more than market down one cent a pound.

A few years ago collisions of steam- were repealed every consumer in the pair of marine twins-the "Olympic" the polar wastes. ships with icebergs were reported fre- land would be benefited. The Chair- and the "Titanic." This pair has

ful as ever-but to the remarkable "Beet sugar is the only competitor The "Titanic" which is lying at the and oceans of the globe. There must Feculiar conditions near Newfound- development of the science of hydro- the refiners have, as from it they can dece at Belfast preparatory to her be some sort of rearrangement, and land are responsible for the fog bank, graphy. The wireless also plays an exact no tell, and every pound of beet trials, is 882 feet long and of 32 feet it would seem that the oceans would that sweep over the transatlantic important part in relaying from ship sugar produced means one pound less team. She is nearly 100 feet longer tend to seek the habitable temperate lanes. Here are two currents, the Lab to thip information regarding obstruc for them to refine. Their purpose in than any other ship in the world ex-

Southern California Sugar Company As a consequence, a liner's master plans to further enlarge its opera-

on his voyage. He is more than like- one of the most profitable occupa- the drinking young man, said: "The As the earth's day gets longer and from two to two hundred and fifty by to add to his stock of information tions for the farmer, the factories railroads don't want him, the ocean longer the time will come when a day feet in heighth and whose length through wireless conversation with paying the growers about six dollars liners don't want him, the merchants is a year long. Then there will be no Agents. Halifax. N. S. may be from three to five nundred old friends on the high seas. His chief a ton for this product, besides pro- don't want him." Then referring to more days and nights, no weeks and no yerds, is considered to be of ordinary concern is fog. Icebergs, unless they viding every possible convenience for an advertisement of a saloonkeeper months. The earth always will have are submerged are not regar and with the economical handling of the crop for a bartender who does not drink, have one side to the earth, and the two "These measurements apply to the awe, except in foggy weather, for from season to season. It is related "the saloonkeeper does not want will turn around the sun once a year part above water, which is about one rarely does a ship strike one when the by an expert that for five months him." Turning with his most winsome as if fixed on a rigid bar. There will eighth or one-ninth of the whole mass atmosphere is clear. The record of the sugar heat stands in the soil smile to the audience, he said: "Now, be no more seasons on the earth-no Many authors give the depth under collisions with ice proves the truth of when it is harvested. The farmer has girls, do you want him?"-St. Paul spring, summer, autumn or winter. at the close of the season cleared Lutheran Messenger. and cleaned his land and 'then when

You judge a man not by what he spring planting comes, he is unbindered in the rapid work of seeding, which must be done without delay once the proper season arrives. This, in California, runs all the way from February 1st to an indefinite point in late spring-perhaps the middle of May. Four ro six weeks after the best seedis placed in the ground, which is done with drills, and at the rate of Pekin: China, was given over to an- twenty pounds to the acre, "blockof Belle Isle n sixteen fathoms of wa- of property by fire is put at \$15,000,- in the maturing of the cane many

in the East.

Thousands of farmers in California are engaged in raising sugar beets. It is not an uncommon thing for a farmer to produce from two to three hundred acres of sugar beets. The Magnetic Storms Are Robbing

cther by-product, molasses, is very When the earth stops turning the a berg is visible at all, it will look They assume the greatest variety of The Southern California Sugar valuable as a feed for horses, and side toward the sun will become overblack in comparison with the mist a- shapes, from these approximately to Company, through the enterprise and when added to damaged or inferior heated, and water will dry up, and round it, but usually it is completely some regular geometric figure to fath of its managers, has done more hay or other food stuffs, makes one blistering deserts will cover the surothers crowned with spires, domes, to open the beet lands of Orange of the best possible articles of diet face. Near the edge of the sunlit side One of the dramatic features of the minarets, and peaks, while others county to successful cultivation, by for them, and is eaten readily. The there will be a temperate zone, where 'Columbia's' accident was the echo still are pierced by deep indentations bringing the growers' delivery sta- lime waste from a beet sugar factory or thereabouts, remaining at the same of her whistle against the berg she or caves. Small cataracts precipitate tions within easy wagon haul, than forms one of its extensive and staple beight above the horizon year in and struck. When the first blast sounded themselves from the large bergs, any other company, or through the by.products, and will come into uniand an answer came back, the men on while many icicles hang in clusters operation of any other method con- versal use as a fertilizer on all farm o'clock in the morning of a summer the bridge were inclined to think they from every projecting ledge. They fie- cucive to speedy and convenient mar- lands. Truly, it may be said, in , by- day. To this delightful region the wire near another fog-bound steam- quently have outlying spurs under wa- ketting of the beets. Another potent products the California sugar beet- world's population will flock. The Royal and United States Mail ship; but when the second whistle was ter, which are as dangerous as any factor in further development of the farmer faces an as yet unrealized op-

wall ahead. Seamen have long known a wide berth, for there are a number tween Santa Ana and Huntington industry in Southern California in Though life in the torrid or hot its cultivated acreage, in the big zone will be insupportable, as a rule, train from Halifax, arriving in Bos- the echo of the whistle or fog horn, seriously damaged by striking when The manufactured product of the plants and other features, represents yet on the outer edges, where the sun ton next morning. Returning leave and that by noting the time between apparently clear of the berg. It is Southern California Sugar Company an investment of a sum close to is but two or three hours high, people

Water. and the "Mauretania" were the world three or four hundred miles into the With regard to John Arbuckle's as- wide wonder sisters of the briny. Now dark and frigid zone, which will be sertion that if the duty on raw sugar they must yield the palm to a new far more inaccessible than are now

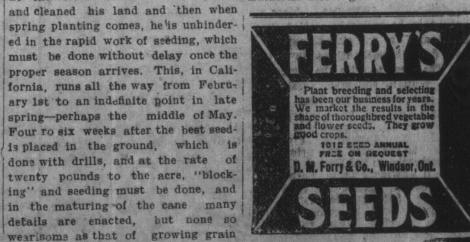
ing already in commission.

The bergs usually originate in west seek the latest news from the trans- factories in America was held up. The vel, she makes but twenty-one knots days are lengthening perceptibly great era Greenland. Everywhere, according atlantic lanes. They examine the proposition is stal unsettled. But for as against the "Mauretania's twon- social changes must come about, due to a bulletin of the Hydrographic Of- charts, copy the daily memorandum that move the factories would have ty-five, but she is the last word in to the difference in hours. When the From Halifax fice, Greenland's mountainous belt is of obstructions issued by the Wash- been erected and put in successful op- the way of comfort and luxury in days get to be forty hours long it will

You can say good-bye to construa-

WHO WANTS HIM?

hundred feet to the top of its walls, mately what he is likely to encounter The cultivation of sugar beets is cently when a lecturer, speaking of both be of the same duration.



Our Planet of Motion.

Desert Furnace, the Other a Black, loy Waste, and Mankind Will Find Itself In Cramped Quarters.

The world is slowing down in its daily rotation, and the days are getting longer, according to Professor Louis A. Bauer of the Carnegie insti-This it did, installing a ster, n dry- are putting a magnetic brake on the the past ten years, in just 3,320 years down with one side in perpetual sun-

desire to use it. Heratofere, pulp at Observe it is not claimed that the

But all scientists will acquiesce in the statement that the earth is slowing down and sooper or later will come

the sun will always be one hour high

will be the twilight zone, also quite habitable, with the sun unending at

live in a temperature of 100 t 140 degrees by means of various cooling contrivances.

On the dark, cold side of the earth all the water will be frozen solid. Even mercury will freeze in that awful chill. It will be impossible for The fact that all the water on the

cold side of the earth will be frozen and all the water on the bot side dried up and evaporated will tend to cause a great disturbance of the continents valuable soil. It is even conceivable may be driven to seek permanent residences in sailing vessels or steam craft, subsisting by fishing.

During the period when the earth's

As the days lengthen until they exceed a week's duration all sorts of complications will ensue, and the days. weeks and months will become hopelessly mixed. Scientists agree that the lengthens, though the day will increase the more rapidly. According to Professor Ernest W. Brown of Haverford college, who has given special attention to this subject, there will come a That was a piece of fine oratory retime when the month and the day will

The weather of the several seasons can be experienced only by traveling to and fro between the hot and cold

It is clear that property values in more than half the planet will be wiped out. Cities and farms throughout the dark half of the globe will be buried under perpetual glaciers. Correspondingly values will rise enormously in real estate on the inhabited strip that lies just on the cool edge of the hot hemisphere. No one knows, no one can calculate at this time, what part of the earth will be included in this habitable strip or belt any more than he can predict which half of the world will be hot and which cold .- St. Louis Post-Dispatch.



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E. Kaulbach, C., A. PRINCIPAL