## SHAMROCK II

The Novel Way in Which S Was Designed.

A Uniquo Experimental Tank an Its Relation to Fast Ships.

(London Telegraph.)

Mr. Denny did, however, experiment for nine months before the stal design of the Shamrock II. was settled, and for this purpose the unique experimental tank at the famous Dumbarton yard was used. No other shipbuilders in this country have such a method of testing the efficiency of designs, and in some measure this fittle lake is the scere of this strm's success in the building of swift light-draught passenger steamers, such as the Cambria, Anglia, and Hibernia, 22-knoturs of ladylike appearance, which ply between Holyhead and Dublin. By the courtesy of Archibald Denny, a representative was recently enabled to visit this scientific department of the yard where the Shamrock was evolved. It is a long and not very high building viewed from without, and within it are concealed many surprises. It was constructed in accordance with the plans of Professor William Froude, the designer of the experimental tank of the British admirally at Haslar, where all warship designs are tested in miniature by means of most beautifully adjusted mechanical arrangements. The Dumbarton tank is 300 feet long, with a width of 22 feet, and a depth of 10 feet, and in relation to the size of the models is practically a reduced copy of the water area of the English Channel. It is broader than it need be possibly, but this is a good fault. Were it too narrow the waves created by the model's movement through the water might strike back off the sides and upset all the scientific calculations. From end to end of the tank, down its centre, runs a suspended double pathway of wood, on which are the lines as for a little raliway. They are traversed by a carriage of exquisite ingenuity, under which the model for experiment is fittled. By means of a wire rope, working by steam round a drum, this conveyance, known as a dynamometer, is drawn to and fro along the lines at any desired speed, and with it of course the attanched model, which is ballasted with shot, so as to give the accurate proportionate draught of water. As the carriage files along, penswo

wave profile against the side of the model.

It will be readily understood that data of this character are of the utmost importance in settling the lines and form of a vessel, as the model can be modified experimentally, and the result of exper



remedy that cures a sold to one de STREET RAILWAY COMPANY.

METHODIST DISTRICT

At the afternoon sessithedist district meeting following committees we have. W. Lodge was stationing committees we

To annual conference, missionary committee—J. E. Irvine; alternate, J.

To annual conference, missionary committee—J. E. Irvine; alternate, J. L. Thorne.

The laymen elected to conference are: J. R. Woodburn, Jos. Bullock, A. B. Gilmour, Dr. Sheffield, E. M. Robertson, J. E. Irvine, J. Thorne, J. H. White, J. A. Likely, Hon. H. A. McKeown, M. D. Austin, Jeremiah Stout, W. D. Baskin, James Rolston, F. A. Young, St. John; L. B. Jordon, Silver Falls; E. L. Whittaker, Hampton; S. McSully, Sussex; J. H. Northrup, Belleisle Creek; James M. Sleep, Jerusalem; F. A. Cassidy, Clover Hill; J. R. Willett, Westfield; Alonzo Theal, Carter's Point.

The next district meeting was appointed to meet in Hampton.

A vote of appreciation was passed on Dr. Read's and Rev. W. Penna's services in the district during the time of their residence here.

A vote of thanks was passed to Carmarthen street church pastor and people for their entertainment of the district meeting. The meeting then adjourned.

MOOSE CAME TO SEE HIM.

MOOSE CAME TO SEE HIM.

(Bangor News.)

Edward B. True, who lives near the Noyes mill in Limestone, was engaged in milking a cow in the yard rear his bern at an early hour a few mornings ago, and on looking around, his attention being attracted by an unusual sound, he saw a very large cow noose standing in the lahe, only two rods away. At that moment an immense bull moose made his appearance, and the two wild animais appearad very much interested in what, to them, doubtless, was the unusual spectacle of a man milking a cow.

When the bull raised his head a little higher than usual and commenced to snort, True concluded it was time to jump over a nearby fence, which he proceeded to do.

After watching the animals for about five minutes he jumped back into the yard and frightened the moose so that they went about 10 rods and again stood still, in an unconcerned manner, and watched the man and the cows for some time before they turned and went into the forest nearby.

#### SHIPPING NEWS

#### SPORTING NEWS.

81Y-07-07-2004800	Britt, Ib. 9 1 1 1 1 Webber, p. 5 0 1 2 1 Malcelm, c. f. 5 1 1 1 0 Tritts, I. f. 5 1 1 1 0 Whelly, 3b. 3 2 1 1 0	
	Mitchell, T. f	
SECOND SECOND	Roses. A.B. R. H. P.O. A.	日の日の日の日の日の日の日の日の日の日の日の日の日の日の日の日の日の日の日の
COMMISSION	O'Neill, 2b	
	Cunningham, l. f 4 1 1 3 0 Manton, c 4 0 0 6 0 Thomson, c. s 4 6 1 0 3	
MENNEY	Kelly, r. 2.       2       1       0       1       0         Daloy, p.	
	33 4 5 27 11 Alerts021205000-	
	Roses	

Bosemed to be at his mercy.

BOB FITZSIMMONS.

NEW YORK, June 12.—Bob Fitesimmon the puglist, has announced his cutrance in the ring as a wrestler, and will sake a chacage to all comers, barring Roeber at Nouroulah, for a wrestling match.

### COMMERCIAL.

STOCK MARKET.

NEW YORK, June 13.—Wall street—There was a large demand for a few stocks at the opening, but the general list showed straggling changes mixed between gains and losses. The purchase of 4,000 shares of Pennsylvania carried that stock up ½ and of 3,000 shares of American Cer made the rise 1%. Colorado Fuel was lifted %% points and St. Louis and San Francisco, Denver and Rio Grande preferred, Amalgamated Copper and Illinois Central about a point each. The stock market opened arregular.

BANK OF ENGLAND RATE REDUCED.

LONDON, June 13.—The Bank of England's rate of discount was reduced to 3 per cent. today.

DAILY QUOTATIONS.

DAILY QUOTATIONS.

(Furnished by W. S. Barker, Banker
Broker, Palmer's Building.)

	Ved. Tod	June	13, 1901.
THE RESERVE OF THE PERSON OF T	l'g. Op'	g. 11	a.m. 12 m
Amalg. Copper1			21/4 1223
Am. Cotton Oil	29 3/4	1000	313
Am. Sugar Rfg1	41	14	1% 142
Am. Tobacco Co	001/ 00	14	01/6 61/4 87
At., Top. and S. F. A., T. & S. G., pfd.	5078 30	16 8	6¼ 87 2% 1033
Balt, and Ohio1	0914	10	9% 112
Balt, and Ohio, pfd		9	6% 961
Brooklyn R. T	8144 82	14 8	6% 961 2 823
Chesa. and Ohio			
C., Mil. and St. P. 1	66 166		744 1687
Con. Gas			1687
Cont. Tobacco	1884 69		69
Den. and R. G	O CESSOR DE	5	274 531
Gen. Electric		23	
Illinois Central1		14	314 1431
Louis, and Nash1	109	% 110	
Manhattan Ry1			2% 1233 3% 1749
M., Kan. and Tex		938000700	314
M., K. and T., pfd.	的的意思的		314
Missouri Pacific	231/4	020000	1231
N. Y. Central N. Y., Ont and W	156	150	1569
N. Y., Ont and W	37%	3	%
Pennsylvania R. R.1			153
Peo. G. L and C		111	5% 116 5% 46
Read. Co., 1st pfd.	18% 78	14 78	120000
South: Pacific Co	1314 33 48	% 2 55	TABLE OF
South. Railroad	1314 33	% 3	3%
Texas and Pacific	48	*	
Urion Pacific16	1198	108	3% 1105 905
Union Pacific, pfd.	C	91	
U. S. Leather		1	141
U. S. Leather, pfd. 8	0		14 805
U. S. Leather, pfd. 8 U. S. Steel, com	9 49	48	14 809 14 483
U. S. Steel, pfd	18% 98		143 04 805 64 483 14 985
Wabash, ptd	378 44	4	E.S. V

WEATHER BULLETIN.

Authority of the Dep Marine and Fisheries,

While Friday and Saturday will be two special days throughout the whole Store, the strongest attractions will be in the Men's Department.

The 50c. lot is made up of shirts that were from 90c. to \$1.25 each. Sizes run from 141-2 to 17. Stripes and checks MEN'S CASHMERE SOCKS.

Regular 25c. quality will be sold for 20c. They are without seams, guaranteed pure cashmere, fast dye.

MEN'S BALBRICGAN UNDERWEAR, finer quality than last mentioned per suit, or 371-2 per garment, is a silk finished balbriggan, d thread, and is usually sold at 50c

MEN'S MERING UNDERWEAR

LACE COVERED SKIRTS.

LADIES! HOSIERY.

TIE RIBBONS.

participate in this bargain you will a large assortment of colors.

LARGEST FAST BLACK: SPACELESS
FEET STOCKINGS,

Hermsdorf dye, guaranteed fast, 18c.
per pair.

Double thread Hermsdorf dye,
SEAMLESS STOCKINGS, 23c. per

The "Nasareth" waist is well known. It has merits not possessed by any other waist for children. It can be worn by boy or sid, with equally good results. It has elasticity comfort and lightness which is especially commendable for a summer waist. The price while this lot lasts will be 19c. They are usually sold at 50c. Sizes from 2 to 10 years.

We are going to pat on sale a large quantity of Toilet Soap at 7c. per box. Three cakes in a box. The component parts of this soap are vascline, buttermilk and glycerine. This is one of the purest soaps we know of, and the price is undoubtedly the lowest.

KID:GLOVES.

We have fifty pairs of black kid gloves, sizes 51-4 and 6. They are re-gular 75c, and 90c, gloves. Prices for this lot will be 35c.

DYKEMAN & CO.

# MORNINGS NEWS.

ILOCAL

The Germain street Baptist Sunday school will hold its annual plends on Saturday next at Westfield Beach.

A. Hammond of Miliford, Me., is at the Victoria. He has been for some days at Musquash looking over the Knight lumber property.

A savage dog belonging to Edward Thurbee of Summer ettreet was whot yesterday by Officer Semple at the request of the owner.

Very few salmon are being got along the shore or in the harbor, but quite a lot are arriving from the North Shore and Nova Scotia.

The quarterly meeting of the St. John county W. G. T. U. will be held on Friday in Union hall, north end, commencing: at 3 p. m. A public meeting will be held in the evening.

Rev. M. J. Corduke, C. SS. R., rector of St. Peter's church north end, has been appointed for another term. The Rev. E. Weizel C. SS. R., of St. Boniface church, Philadelphia, who was stationed here a few years ago, has also been reappointed.

The sacrasment of confirmation will be administered by Bishop Casey in the cathedral on Saturday morning to the children and others of the various parishes in the city and vicinity. It will be the first time for his lordshit to give the sacred rite in the cathedral. At a meeting of the directors of the Freeman Publishing Company, held last evening Thomas Kickham was elected president, John L. Carleton vice-president and John McGowan sevension bridge at the falls, and also the one at Grand Falls, for the purpose of ascertaining whether they are perfectly safe.

A the center of the sample of the Supplied of the first time for his lordshit to give the sacred rite in the cathedral. At a meeting of the directors of the various parishes in the city and vicinity. It will be the first time for his lordshit to give the sacred rite in the cathedral. At a meeting of the directors of the various parishes in the city and vicinity. It will be the first time for his lordshit to give the sacred rite in the cathedral. At a meeting of the directors of the various parishes in the city and vicinity. It will be the first time f

ment, a refund of succession taxes. It has been necessary to change the date of the St. John district convention of the Women's Mission Society of the Methodist church, to be held at Hampton, from Friday, June 14, to Monday, June 17. Mrs. Coulthard, erand Secretary, and Dr. Killam, returned missionary from China, will neet with the convention. The usual educed railroad fares will be proteded.

PROVINCIAL

The annual meeting of the Grand Masonic lodge of Nova Scotla opened at Halifax yesterday. The schools are closed at Norton be-cause of diphtheria. There are five cases in the village and six more near-

nine hundred is to be built at Glace Bay.

A. B. Hanson, of Fredericton, tells the Montreal Star that the cut of lumber on the upper St. John this year was about 15,000,000 feet; but that un. The congregation of St. James church, Westfield. will hold a tea meeting Wednesday afternoon, June 19, at Westfield Beach. The proceeds will be devoted to the liquidation of the church debt. Since last summer new pews have been put in the church and other inprovements made. W. S. Fisher, last fall, presented the church with two handsome stoves and the necessary pipe.

Bicyclists and athletes depend on BENTLEY'S Liniment to keep their joints limber and muscles in trim. PROF. HEINK RETIRES.

HALIFAX, N. S., June 12—Professor Heink, director of the conservatory of the Halifax Ladies College, retires at the close of this term. His successor will be a Scotchman, 24 years old, who is now completing his course at Leip-sig. His name is Gordon.

The department of militia is taking preliminary steps looking to the con-struction of a new rifle range at Fred-

BIRTHS. WHITE-Stoneleigh Terrace, June 12th, to Mr. and Mrs. Frank S. White, a son.

MARRIAGES.

ST. JOHN'S, Que., June 12.— J. F. Meoulere's underwear factory was burned to the ground this evening. Loss, \$40,000; insurance \$5,000.

VALLEY FUEL and LUMBER YARD, Paradise Row.

> COAL Reserve and Pictou. WOOD

Hard and Soft. KINDLING

By Load or in Crates. Shingles, Laths,

Office, 11 Union St., 250. AITEM MIIS.

SCOTT & LAWTON FACTORY.

FLY SOREENS.

Telerhone and have us call and measure your windows and doors for Fly Screens with Wire or Cloth Netting. Can be put on hinges to swing back on web days.

House Furnishings of every descrip-tion made to order. WM. LAWTON & SON, Cor. Brunswick & Erin Ste. (Tel. 211)

Before to the Seashore, Mountains

For your vacation this sun sure and order the SUN and STAR sent to you regularly by mail. The address will be changed as often as you like. The subscription price is 50 cents a month for SUN and 25 cents a month for STAR, postage prepaid.

ABOUT 1,000 LBS. Rendered Tallow IN 7 LB. CAKES. Price 6c. per pound.

F. E. Williams Co. (Umited), 80-84 Charlotte Street.

HOTELS.

HOTEL DUFFERIN L'LeROY WILLIS, St John, M. B

PARK HOTEL CHAS. DAMERY, Prop.

J. J. MOGAFFREY, Manager

Centrally located, facing King Square, ST. JOHN, N. B.

NIGHT OWL RESTAURANT. (TAMMANY HALL BUILDING) KING SQUARE.

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