

ENGINE EQUIPMENT ON THE AQUITANIA

Latest Improvements In Turbine Construction on Big Liner

AIM AT COMFORT

Thirty Per Cent. of Engineering Staff Concern Themselves With Duties Necessitated by the Comfort of the Passengers.

The engineering details of the Aquitania the Cunard liner which reached New York on her maiden trip yesterday...

In all there are three engine rooms, one on each side of the center shaft to which access is obtained by means of water-tight doors in the longitudinal water-tight bulkheads...

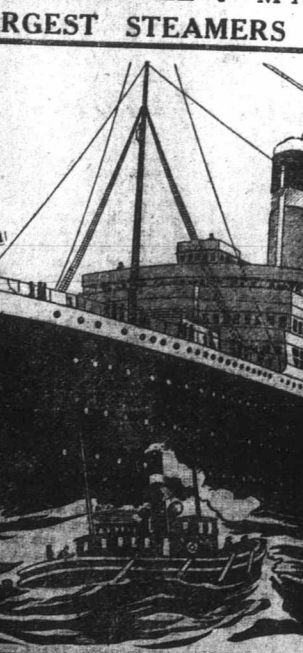
The turbines are directly coupled through a line of shafting to the propeller shafts...

Entering from the boiler room the steam first passes the high pressure turbine in the port engine room...

Most of the machinery and appliances are mounted on the lower deck...

The duties of about 30 per cent. of the engineer officers are entirely confined to the care and operation of appliances installed solely in connection with the passengers and their comfort...

ALLAN ROYAL MAIL LINE LARGEST STEAMERS FROM CANADA



THOMSON LINE. Friday, 4th. Montreal for Calais, Devon, left Newcastle for Montreal 10 a.m. Friday.

CUNARD LINE. Ankonian, from London and Southampton, will dock in Montreal on Monday morning.

RAILWAY EARNINGS

New Haven—April gross dec. \$161,657; net after tax inc. \$89,950. Total income inc. \$88,482. Deficit after tax inc. \$63,455.

Colorado and Southern—Fourth week May dec. \$142,262. Month May dec. \$365,842. From July 1 dec. \$1,774,067.

International and Gt. Northern—Fourth week May dec. \$242,900. Month May dec. \$1,215,000. From July 1 dec. \$1,857,099.

Virginian Railway—April gross inc. \$923,201; net inc. \$12,528. Ten months gross inc. \$124,447. Net inc. \$23,887.

Great Northern—April operating income dec. \$29,927. Ten months operating revenue dec. \$1,486,515. Ten months operating income dec. \$2,824,013.

Norfolk & Western—April gross inc. \$309,942; net inc. \$89,122. Total income dec. \$29,927. From July 1 dec. \$21,824,610.

National Railways of Mexico—Fourth week May dec. \$284,255. Month May dec. \$1,000,017. From July 1 dec. \$21,889,576.

New York, New Haven & Hartford—April gross dec. \$161,657; net inc. \$89,950. Operating deficit \$238,187. From July 1 gross dec. \$2,815,266. From July 1 net dec. \$2,509,713. Operating loss \$1,000,809. Inc. \$1,758,239.

Ontario and Western—April gross dec. \$312,127; net dec. \$113,136. From July 1 gross dec. \$3,729,139; net dec. \$1,542,829.

New York, New Haven & Hartford—April gross dec. \$161,657; net inc. \$89,950. Operating deficit \$238,187. From July 1 gross dec. \$2,815,266. From July 1 net dec. \$2,509,713. Operating loss \$1,000,809. Inc. \$1,758,239.

Washington, June 6.—Mediation in the coal mine troubles in West Virginia is to be tried out by the Department of Labor and the formal appointment of the three mediators will be made to-day by Secretary Wilson.

C. P. R. EXCURSION TO JOLIETTE. In connection with above, the Canadian Pacific will sell tickets good going by 9:00 a.m. train from Place Viger at Joliette, and good to return same day at \$1.20 adult, and 60c. for children.

NEW YORK CENTRAL BUYS CARS. New York Central has placed orders for 7,500 cars, divided as follows: 4,200 to American Car and Foundry, and 3,300 to Standard Steel Car Co. This has been kept secret, but it is learned on excellent authority.

fresh water in the state rooms and lavatories; the evaporation of sea water by a plant carried aboard which supplies 300 tons of pure fresh water for drinking and cooking; washing water for kitchen, pantries and sculleries; the provision of water for sanitary purposes; water for washing decks and the regulation and supply of water for the fire service throughout the entire ship; also the hydraulic pumps for raising the water-tight doors.

Each compartment of the vessel and the accommodation throughout has received separate consideration. For luxury warm air to cabins and all-weather heater for the large swimming bath and morning baths hot and cold.

There are nearly 10,000 lights in the ship and 200 electric motors.

ALLAN LINE STEAMERS. Alantian, from Quebec, for Liverpool, passed Father Point 1.10 a.m. June 5th.

Victorian, from Liverpool, for Quebec, left Montreal 11 p.m. June 4th, and is due Montreal 7 a.m. June 6th.

Scandinavian, from Glasgow, for Quebec and Montreal, was reported in the Atlantic, Cape Race 11 p.m. June 4th.

Numidian, from Glasgow, for Boston, was reported 125 miles northeast Cape Race 10 a.m. June 5th.

SHIPPING AND TRANSPORTATION NEWS

SATURDAY, JUNE 6th, 1914.

Almanac. Sun rises, 4:09 a.m. Sun sets, 7:42 p.m. New Moon, May 24th. First quarter, June 1st. Full moon, June 8th. Last quarter, June 15th.

TIDE TABLE. Quebec. High water, 4.01 a.m., 4.36 p.m. Low water, 11.24 a.m., 11.39 p.m. Rise, 17.6 feet, a.m., 16.5 p.m. Next high tides, June 8th.

Weather Forecast. Lower Lakes and Georgian Bay—Moderately westerly winds; fair; not much change in temperature.

Lower St. Lawrence—Moderate westerly winds; fine, not much change in temperature.

Upper St. Lawrence—Fresh northwesterly winds; fair, with a little higher temperature.

Superior—Fresh easterly winds; fair to-day, with not much change in temperature; showers in western portion at night.

Manitoba—Occasional showers; stationary, or a little higher temperature.

Alberta—A few cold showers, but mostly fair; stationary or a little higher temperature.

THE MAILS. Mails for New York close at Montreal at 7:30 a.m., 1 p.m., and 6 p.m. daily.

PORT OF MONTREAL. Arrivals. Anglo-Egyptian, 4,640. Greenhill, Newcastle via Sydney, C.R., to load for Australia, New Zealand Shipping Company, agents, June 5th.

Victorian, 12,400. Cook, Allan. From Liverpool, passengers and cargo. Docked 6 a.m. June 6th. H. and A. Allan, agents.

Mercedino, Stevenson, Melay & McIntyre Line, from Glasgow, general cargo. Docked 8 a.m. June 6th. McLean, Kennedy & Co., agents.

Departures. Grampian, Allan, for Glasgow, sailed 4 a.m. June 6th. H. & A. Allan, agents.

Athenia, Donaldson, for Glasgow, sailed 3:15 a.m. June 6th. Robt. Reford Co., agents.

Megantic, White Star-Dominion, for Liverpool, sailed 3 a.m. June 6th. James Thom, agent.

Victorian, 12,400. Cook, Allan. From Liverpool, passengers and cargo. Docked 6 a.m. June 6th. H. and A. Allan, agents.

Mercedino, Stevenson, Melay & McIntyre Line, from Glasgow, general cargo. Docked 8 a.m. June 6th. McLean, Kennedy & Co., agents.

Departures. Grampian, Allan, for Glasgow, sailed 4 a.m. June 6th. H. & A. Allan, agents.

Athenia, Donaldson, for Glasgow, sailed 3:15 a.m. June 6th. Robt. Reford Co., agents.

Megantic, White Star-Dominion, for Liverpool, sailed 3 a.m. June 6th. James Thom, agent.

CANADA LINE

Gothland, from Rotterdam, Bremen and Hamburg, at Quebec, 5 p.m. June 5th.

Sanland, passed Cape Race, 8:40 p.m. June 4th. Outward.

Hannover, left Montreal for Rotterdam, Bremen and Hamburg, 3 a.m. June 6th.

White Star-Dominion Line. Canada, from Liverpool, 280 miles N. E. of Cape Race, 10 p.m. June 5th.

Donaldson Line. Athenia, left Montreal for Glasgow to-day, 3:15 a.m.

Signal Service Bulletin. Montreal, 9:30 a.m., June 6th. Grosse Ile, 36—In 7 a.m., 70 miles east, Empress of Britain.

Cape Race, 826—In 2 p.m. yesterday, Englishman.

Quebec to Montreal. Long Point, 5—Clear, calm. In 3:45 a.m. Wagona, 5:45 a.m., Gaspesien, 6:30 a.m., Caouana, 6:20 a.m., Saguenay, 1:42 a.m., Mercedino, 9:30 a.m., Three Rivers.

Vercheres, 19—Clear, calm. In 3:05 a.m. Alaska and tow. Out 7:35 a.m. Westport.

Sorel, 39—Clear, north-west. Three Rivers, 71—Clear, light west. In 2 a.m. Simme and tow. Out 7:55 a.m. Mercedino, 8:35 a.m., Athenia, 8 a.m., Grampian.

Basitcan, 88—Clear, north-west. St. Jean, 94—Clear, north-west. Grandines, 98—Clear, north-west. Out 3:25 a.m. Renvoye, 4:10 a.m., Quebec.

West of Montreal. Lachine, 127—Clear, light west. Eastward, 12:50 a.m. Fickerville, 2:25 a.m., Edmonton, 4:15 a.m., Fred Mercure, 5:45 a.m., Kildonan, Montreal, Ethel, 8 a.m., Hamilton, 9:15 a.m., 95 miles south-east, Haddington, 9:10 p.m. yesterday, Melville.

Cascades, 21—Clear, west. Eastward 1:45 a.m. Iocoma, 3:05 a.m., Glennellah, Coteau Landing, 3:15—Clear, west. Cornwall, 62—Clear, west.

Galops Canal—Clear, south-east. Gaspard, 8:30 a.m., Mary Hall and tow. Port Dalhousie, 298—Clear, west. In 3:30 a.m. H. M. Pellatt, 2:15 p.m. yesterday. Manaba, 6:12 p.m. Fairfax.

Port Colborne, 221—Clear, east. Eastward, 5:15 a.m. Arabian, 4:50 p.m. yesterday. H. M. Pellatt, 8:30 p.m., H. E. Pecker. Sault Ste. Marie, 20—Eastward, 10 p.m. yesterday, D. A. Gordon.

Canada Steamship Lines, Ltd. Location of steamers at 6 p.m. June 5th, 1914.

Canadian—Passed Kingston 9 a.m. for Port Dalhousie.

Acadian—Montreal, discharging.

Hamiltonian—Montreal, loading cement and package freight.

Calgarian—Passed Kingston 11 a.m. for Port Dalhousie.

THE CHARTER MARKET

New York, June 4.—Steamer rates continued weak, due to the limited demand for boats and the ample offerings of same.

Charters.—British steamer, 2,347 tons, nitrate, west coast South America to the United States or Europe, private terms; July; German steamer, 30,000 quarters grain, hence to Lisbon, 38 1/4 d. prompt; Norwegian steamer, 2,287 tons, transatlantic trade, one trip on time charter, private terms; English steamer, 2,344 tons, timber, Gulf to Passages and Bilbao, 92 1/2 d. June; British steamer, 2,958 tons, sulphur, Montreal to Marseilles, 11s 6d, June; British steamer, 1,816 tons, timber, Gulf to Passages and Bilbao, 92 1/2 d. June; British steamer, 2,178 tons, same basis about 3d, June; bark, 389 tons, coal, hence to Porto Rico, 22; schooner 545 tons, fertilizer, Venezuela to Jackson; private terms; schooner, 546 tons, same, coal out, Philadelphia to Porto Rico, private terms.

C. A. Jacques—Left Lachine 9 a.m. for Toronto. Queen—Montreal, discharging. Saratoga—Port Arthur, loading. A. E. Ames—Passed Soo 8 a.m. to-day.

H. M. Pellatt—Down Port Huron 10 p.m. J. H. Plummer—Left Toronto 4 p.m. for Welland.

Rosedale—Montreal, discharging. Bickerdike—St. Lawrence River, eastbound for Montreal. Beaver-ton—Left Windsor 10 p.m. for Port Colborne. Tacoma—Loading parities for Washburn.

Kenora—Left Toronto 2 p.m. for Montreal. Arabion—Left Windsor 11 p.m. 4th for Toronto.

Bulk Freighters. W. G. Morden—Arrived Assabula 10 p.m. to-day. Hero—Port Arthur, loading.

Chicago via C.P.R. NEW FAST EXPRESS SERVICE. Twenty-three hours of Solid Comfort from Montreal to Chicago.

Standard and Tourist Sleepers Dining Cars.

WESTBOUND. Lv. Montreal 8.45 a.m. 10.00 p.m. E.T. Ar. Toronto 5.40 p.m. 7.35 a.m.

EASTBOUND. Lv. Chicago 9.30 a.m. 5.40 p.m. C.T. Ar. Toronto 3.55 p.m. 12.01 a.m.

Ar. Windsor 12.10 p.m. 8.00 a.m. Ar. Windsor 6.10 p.m. 12.18 a.m.

Lv. Windsor 11.25 a.m. 1.15 p.m. C.T. Ar. Detroit 11.35 p.m. 1.30 p.m.

Lv. Detroit 11.55 p.m. 1.40 p.m. Ar. Toronto 11.20 p.m. 8.00 a.m.

Lv. Toronto 11.40 p.m. 9.00 a.m. Ar. Chicago 7.45 a.m. 9.05 p.m.

Ar. Montreal 8.55 a.m. 6.10 p.m.

141-143 St. James Street, Main 8125 Place Viger and Windsor Street Stations

News of Railroads

NEW TARIFFS PRINTED. A Philadelphia despatch says railroads of the country have already invested \$1,500,000 in printing new freight tariff schedules calculated on basis of 5 per cent. increase now before the commission.

MANY CARS IDLE. Eighty thousand freight cars and 300 locomotives, valued at \$58,000,000, are standing idle on tracks of the Pennsylvania Railroad. At 5 per cent. Pennsylvania is losing interest at the rate of \$4,300,000 on idle equipment.

AUTOMOBILE EXPORTS. During nine months to March 31st, exports of automobiles from the United States were valued at nearly \$27,000,000, an increase of \$1,500,000 over the same period last year.

APRIL RAILROAD RETURNS. Advance figures compiled by the Interstate Commerce Commission from reports of 144 steam roads in the United States for April follow: Average mileage 174,574; against 172,271; operating revenue \$188,350,705, against \$194,219,912; net operating revenue \$48,457,195, against \$47,171,718.

DORVAL RACE TRACK. For the Races at Dorval, June 8th to 13th, inclusive, the Canadian Pacific will run trains leaving Windsor St. Station at 1:40 p.m., 3:50 p.m., and 2:15 p.m. daily, direct to the track, returning after last race. Tickets, single 5c, round trip 25c, on sale at Windsor Hotel, Windsor Station, and City Ticket Office, Dominion Express Building.

PARLOR CARS, LAURENTIAL DIVISION. Parlor cars will be attached to the following trains: From Montreal, Place Viger Station, 1:50 p.m., Fridays to Nantes. From Montreal, Place Viger Station, 1:00 p.m., Saturdays to Ste. Agathe. Leave Ste. Agathe June 7th and 14th. Leave Ste. Agathe for Place Viger, 7:40 p.m., Sundays, commencing June 21st, 8:52 p.m., Sunday from Nantes. Leave Nantes, 6:30 p.m., Sunday for Place Viger.

Stramships. THE ATLANTIC ROYALS. Montreal--Bristol ROYAL EDWARD ROYAL GEORGE. Excellent Accommodation and Cuisine ORCHESTRA PLAYS DAILY. For Passage Rates and Full Particulars CANADIAN NORTHERN STEAMSHIPS, LIMITED, 225 St. James St., M. 6570, or any Steamship Agent.

DONALDSON LINE. Glasgow Passenger and Freight Service. From Glasgow, From Montreal May 30, Lethia, June 13th June 6, Cassanara, June 20th June 13, Saturnia, June 27th (Passenger Rates—One class 25th (H.) \$47.50 upwards. Third-class, east and westbound, \$31.25.

THE ROBERT REFORM CO., Limited. General Agents, 20 Hospital Street, Stearns Branch, 488 St. James Street, Uptown Agency, 530 St. Catherine W.

CUNARD LINE. Canadian Service. From Southampton, From Montreal May 25, Ausonia, June 13 June 4, Antonia, June 20 June 11, Assunta, June 27 Steamers call Plymouth Eastbound. Rates, Cabin (H.), \$46.25, 3rd class British Sea bond, \$30.25 up. Westbound, \$29 up.

THE ROBERT REFORM CO., Limited. General Agents, 20 Hospital Street, Stearns Branch, 488 St. James Street, Uptown Agency, 530 St. Catherine W.

CUNARD LINE. Canadian Service. From Southampton, From Montreal May 25, Ausonia, June 13 June 4, Antonia, June 20 June 11, Assunta, June 27 Steamers call Plymouth Eastbound. Rates, Cabin (H.), \$46.25, 3rd class British Sea bond, \$30.25 up. Westbound, \$29 up.

Start Your Vacation on the Cool Waters of the St. Lawrence

Niagara to the Sea. Daily service, Toronto, Thousand Islands, St. Lawrence Rapids, and Saguenay River Point.

Montreal - Pictou. Sailings fortnightly for Gaspe, Summerside, Charlottetown and Pictou.

New York - Quebec. Four trips during season: First sailing from New York, from Quebec, July 10th.

For particulars, apply any tourist or ticket office, or address, Passenger Dept., Canada S.S. Lines, Montreal.

President Carter, of the Firemen's Brotherhood, says that plans for a general strike are being made.

SURPLUS EARNING

While many lines of business today marking time, Canada Life is each year ceasing all previous records of surplus as now well over \$6,000,000.

In choosing a Life company it is well to be assured of good dividends. Everything is favorable for that in the

CANADA LIFE ASSURANCE COMPANY

AN IDEAL INCOME can be secured to your Beneficiary Absolute Security by Insuring in Union Mutual Life Insurance Company

MONTHLY INCOME PLAN Backed by a deposit of \$1,668,302.65 per year with the DOMINION GOVERNMENT cream of Canadian Securities.

GRAND TRUNK RAILWAY SYSTEM THE "INTERNATIONAL LIMITED" Canada's Finest and Fastest Train

NIGHT EXPRESS. Leaves Montreal 10:30 p.m., arrives Toronto 7:30 a.m., Detroit 1:53 p.m., Chicago 9:25 p.m. daily.

SETTLERS EXCURSIONS TO Cochrane, Porcupine, Haliburton, and other points on T. & N. O. Ry. Going June 19; returning until June 26.

HOMESEEKERS' EXCURSIONS Round Trip Tickets to Western Canada via Chicago, on sale every Tuesday until October 27th, at very low fares. Tickets are good for two months.

J. T. BETHUNE, Managing Director 605-606 TRANSPORTATION BLDG. Cable Address: BRITISHCAN Codes: Western Union & Premier Bldg.

Guardian Assurance Co. LIMITED ESTABLISHED 1821 Assets exceed \$34,000,000

THE PROVIDENT, ACCIDENT & GUARANTEE COMPANY Accident, Health, Employer and Public Liability, Burglary, Plate-Glass, Fidelity, Contract Bonds, Automobile.

THE LONDON & LANCASHIRE LIFE & GENERAL ASSURANCE ASSOCIATION, LIMITED Offers Liberal Contracts to Capable Field Men

UNION ASSURANCE SOCIETY LIMITED, OF LONDON, ENGLAND. Fire Insurance since A.D. 1741

Canada Branch, Montreal: T. L. MORRISON, Resident Manager. North-West Branch, Winnipeg: THOS. BRUCE, Branch Manager.

GET THE BEST Do not place your Insurance policy until you have learned all about the Guaranteed Investment Plan offered by The Manufacturers Life Insurance Company

North American Life Assurance Co. "Sold as the Continent" 1913 Insurance in Force over \$52,000,000.00 Assets 14,043,514.00 Net Surplus 1,781,117.49 Income 2,563,115.88

FRED W. C. JOHNSON INSURANCE AND REAL ESTATE 811 Board of Trade Building Tel. Main 1882 Four patronage solicited.

SURPLUS EARNING

While many lines of business today marking time, Canada Life is each year ceasing all previous records of surplus as now well over \$6,000,000.

In choosing a Life company it is well to be assured of good dividends. Everything is favorable for that in the

CANADA LIFE ASSURANCE COMPANY

AN IDEAL INCOME can be secured to your Beneficiary Absolute Security by Insuring in Union Mutual Life Insurance Company

MONTHLY INCOME PLAN Backed by a deposit of \$1,668,302.65 per year with the DOMINION GOVERNMENT cream of Canadian Securities.

GRAND TRUNK RAILWAY SYSTEM THE "INTERNATIONAL LIMITED" Canada's Finest and Fastest Train

NIGHT EXPRESS. Leaves Montreal 10:30 p.m., arrives Toronto 7:30 a.m., Detroit 1:53 p.m., Chicago 9:25 p.m. daily.

SETTLERS EXCURSIONS TO Cochrane, Porcupine, Haliburton, and other points on T. & N. O. Ry. Going June 19; returning until June 26.

HOMESEEKERS' EXCURSIONS Round Trip Tickets to Western Canada via Chicago, on sale every Tuesday until October 27th, at very low fares. Tickets are good for two months.

J. T. BETHUNE, Managing Director 605-606 TRANSPORTATION BLDG. Cable Address: BRITISHCAN Codes: Western Union & Premier Bldg.

Guardian Assurance Co. LIMITED ESTABLISHED 1821 Assets exceed \$34,000,000

THE PROVIDENT, ACCIDENT & GUARANTEE COMPANY Accident, Health, Employer and Public Liability, Burglary, Plate-Glass, Fidelity, Contract Bonds, Automobile.

THE LONDON & LANCASHIRE LIFE & GENERAL ASSURANCE ASSOCIATION, LIMITED Offers Liberal Contracts to Capable Field Men

UNION ASSURANCE SOCIETY LIMITED, OF LONDON, ENGLAND. Fire Insurance since A.D. 1741

Canada Branch, Montreal: T. L. MORRISON, Resident Manager. North-West Branch, Winnipeg: THOS. BRUCE, Branch Manager.

GET THE BEST Do not place your Insurance policy until you have learned all about the Guaranteed Investment Plan offered by The Manufacturers Life Insurance Company

North American Life Assurance Co. "Sold as the Continent" 1913 Insurance in Force over \$52,000,000.00 Assets 14,043,514.00 Net Surplus 1,781,117.49 Income 2,563,115.88

FRED W. C. JOHNSON INSURANCE AND REAL ESTATE 811 Board of Trade Building Tel. Main 1882 Four patronage solicited.