

board, and is also fitted with 10 oars. An auto-marine, six cylinder, four cycle gasolene motor of 35-40 h.p. is installed in the after end compartment, giving a speed of about 10 miles an hour, with 650 revs. Tests as to the stability, self-righting, sailing and speed were undertaken in the United States under the supervision of Lt.-Col. Anderson, Chief Engineer, Department of Marine.

Grain Elevator Notes.

The Pasqua Farmers' Elevator Co., Ltd., Pasqua, Sask., has been dissolved and the name removed from the register.

The name of Caron Farmers' Elevator Co. has been changed to the Caron Farmers' Elevator and Trading Co., with office at Caron, Sask.

The Bulyea Farmers' Elevator Co., Ltd., has been incorporated under the Northwest Territories Ordinance respecting companies, with office at Bulyea, Sask.

John Richardson & Sons' elevator at Wainwright, Alta., was completed towards the end of Sept., in readiness for the new crop. Its capacity is about 35,000 bush.

The Ogilvie Flour Mills Co., has erected 16 additional elevators during this year, bringing the total of country elevators operated by the company, in the prairie provinces, to 116.

The Taylor Milling and Elevator Co., has completed an addition to its elevator at Lethbridge, Alta., and is now building an elevator at Diamond City, of 55,000 bush capacity. It is also reported to be considering the question of erecting one at Nanton.

Tenders were received during Sept. for the brick work on the power house of the C.P.R. elevator under construction at Victoria Harbor, Ont. The contractor will supply the labor only, all materials being supplied by the company. The elevator is being built by the John S. Metcalf Co.

The Norris Grain and Elevator Co., Ltd., has been incorporated under the Dominion Companies Act, with a capital of \$150,000, and office at Winnipeg, to carry on a general elevator and warehouse business. The provisional directors are J. S. Norris, Montreal; H. N. Baird, R. D. Stratton, Winnipeg; F. Heap, Selkirk, Man.

The North Star Grain Co., Ltd., has been incorporated under the Dominion Companies Act, with a capital of \$500,000 and office at Winnipeg, to deal in grain and to own and operate grain elevators, warehouses and other conveniences. The provisional directors are:—W. A. Anderson, H. R. Soot, J. A. Machray, F. J. Sharp, H. Dunk, Winnipeg.

The Montreal Harbor Commissioners' elevator was closed for all local grain, Sept. 2, and from that date, only grain for export was received there. It is reported that the question of building another elevator at Montreal, under the Commissioners' control, at a cost of \$2,000,000, is to be brought under the Dominion Government's consideration.

The Globe Elevator Co., Ltd., has been incorporated under the Dominion Companies Act, with a capital of \$600,000, and office at Calgary, Alta., to acquire and operate country, terminal and all classes of elevators, storehouses, cleaning plants, etc. The provisional directors are R. B. Bedford, J. E. A. MacLeod, J. B. Roberts, J. W. Hugill, Calgary, Alta.

The Burrard Grain Co., Ltd., has been incorporated under the B.C. Companies Act, with a capital of \$50,000, to carry on, in British Columbia, throughout Canada and elsewhere, the business of manufacturers, millers and warehousemen of flour and other grain products, and in

connection therewith to own and operate elevators, wharves, warehouses, etc.

The Lyleton Grain Growers' Elevator Co., Ltd., has been incorporated under the Manitoba Companies Act, with a capital of \$15,000 and office at Lyleton, for the purpose of carrying on a general milling warehouse and elevator business. The provisional directors are:—A. M. Lyle, A. E. Venton, G. Campbell, R. A. Stinson, R. J. Tooke, J. Harkness, W. A. Sawyer and C. A. Chalmers, Lyleton.

At a meeting of the Dominion Millers' Association, at Toronto, Sept. 2, the following resolution was adopted and forwarded to the Dominion Government: "Whereas, the terminal elevators at Port William and Port Arthur are under the control of persons engaged in the grain trade of Canada, and whereas such control enables them to manipulate the different grades of grain and tends to create dissatisfaction in the minds of shippers, millers and receivers of grain; therefore be it resolved that we respectfully request and urge that immediate action be taken on the recommendation of the Royal Grain Commission appointed by your Government for the investigation and betterment of these conditions, and the joint request of northwest farmers and the Dominion Millers' Association for effective control of these elevators."

Telegraph and Cable Matters.

The stringing of the Government lines from Athabasca Landing to Lesser Slave Lake, Alta., is proceeding rapidly. The right of way has been cleared and the poles erected, and it is expected that the work will be completed this fall.

G. E. Eccles, the wireless telegraph operator on board the s.s. Ohio, who died at his post, while signalling for assistance when the vessel was wrecked on the Pacific Coast recently, was buried at Almonte, Ont., Sept. 7.

The Newfoundland Legislature last session voted the following sums for telegraph service:—Marconi royalties, \$2,500; for construction, \$10,000; for St. Johns staff, \$15,162; for operators outside St. Johns, \$35,738; for contingencies, \$15,000; and for shares of tolls Commercial Cable Co., \$6,000.

The Grand Trunk Pacific telegraph line has been completed to Edmonton, Alta., and the construction is being continued westerly concurrently with the laying of steel for the railway. A telegraph office has been opened at Edmonton, and a special commercial wire is being used for business purposes, between Winnipeg and Edmonton.

So successful have been the experiments with the new Telefunken system of wireless transmission at the new 20-kilowatt station of the Austrian government at Pola on the Adriatic, that signals strong enough to be automatically printed on tape by the coherers were received at Norddeich on the North Sea, Copenhagen, and Berlin.

W. Marconi, is at present at Glace Bay, N.S., for the purpose of superintending the reconstruction of the wireless telegraph power station which was recently destroyed by fire. He is reported to have said that the new station would be equipped with the most powerful appliances for the despatch of messages across the ocean, and he hoped that the work would be completed by Jan. 1, 1910.

The U. S. press is complaining of the scarcity of telegraph operators, and states that in a very short time this will prove a very serious problem for the railways in Canada and the U. S. The telegraph branch of transportation has grown more than any other, and remarking on the installation of the telephone, to take the place of the tele-

graph for train dispatching, says: "The telephone on the railway is a very convenient means of verbal intercourse between officials, but for practicable and expeditious handling of a large volume of business, of which records must be kept, and in which errors must not occur, the telephone thus far has been a failure."

"How Telegraphs and Telephones Work," is the title of a volume just issued by Seeley & Co., 38 Great Russell St., London, E.C. The book is written by C. H. Gibson, author of several works dealing in a non-technical and popular way with electricity and its application to modern uses. He has succeeded in telling in simple language all about telegraphs and telephones in a way that will interest and instruct the general reader, as well as the operator who desires to know something about these inventions. There are added chapters on Wireless Telephony, one Concerning Lightning, and a short discussion of the Electron Theory. The volume is illustrated by five full page illustrations and

Among the Express Companies.

A. H. Irwin has been appointed agent Dominion Ex. Co., Lethbridge, Alta.

The Canadian Northern Ex. Co., has opened offices at Bonito and Durban, Man.

L. McBean has been appointed Agent Canadian Ex. Co., Port Huron, Mich., vice W. H. Timmonds transferred.

The Canadian Ex. Co., has opened offices at Avondale, N.S., Becancourt, Bequets, Fortierville, Gently, La Baie, St. Gregoire, Valois, Que., and Findley, Ont.

Express companies operating in the U. S., put into effect, Sept. 5, an order requiring that all cinematograph films be packed in heavy metal cases enclosed in wooden boxes bearing a warning against the storing of the package near a radiator, stove or other source of heat.

The Canadian Northern Ex. Co., which has extended its service over the Canadian Northern Quebec Ry., between Garneau Jct., and Quebec, as advised in our last issue, has opened offices at Cap Rouge, Dombourg, Portneuf, St. Augustine, St. Casimir, Prospere and St. Stanislas.

S. Coates, who was recently convicted of forging money orders of the Dominion Ex. Co., while in its employ, was sentenced to 3 years in the penitentiary, at Montreal, Sept. 3. He had previously been sentenced to a 5 year term, in Aug., on other similar charges. Presumably the sentences will run concurrently.

The Canadian Northern Ex. Co. has reopened its offices at Belleview, Grays, Hilton, Kelwood, Myrtle, Rounthwaite, Man., and Kenaston, Sask., has opened offices at Zephyr, Ont., and Bruno, Sask., and has closed its offices at Footes Bay, Royal Muskoka, Sparrow Lake, Ont., and Harris, Sask. The name of Monck Road, Ont., has been changed to Rathburn.

Hendrie and Co's stables at Front and Peter streets, Toronto, were partially destroyed by fire, Sept. 15. The cause is said to be lightning. The damage has been estimated at \$10,000.

"Yes," said Clarence. "I proposed to her on hipboard while the steamer was going twenty knots an hour."

"What was her answer?"

"Well, it was brief, but it was—er—at the rate of about sixty 'nots' a minute."

They were on the St. Joe boat.

"Percy," asked Claribel, snuggling closer, "what's making that rasping, cracking noise?"

"It's the wireless telegraphic apparatus, dear," said Percy. "It's sparking, too."