THE GRAIN GROWERS GUIDE

Increasing Freight Capacity

U.S.A. The Situation in Canada

1696)

Necessity for Organization — Accomplishm The car shortage problem has, dur-ing the last few years, been one of the most difficult that has faced the rail-ways and the producers of Western Ganda. In 1915 it was accentuated by the enormous crop produced, in 1916 it was still difficult owing to the big de-mand for cars to carry war supplies and on account of the increasing shortage of labor which the railways had to suf-fer under, particularly a Grious deple-tion through enlistment of skilled em-ployees. If takes considerable time to properly and when these men left the rain a railway-employee to his duties properly and when these men left the rain as wareely be said that the rail-mys have failen down in any particu-fifeult ones in all the nations at war. I is largely responsible for Russia's internal troubles and resulted in the mediately the war broke out were pup under a central organization so that as been difficult on the states on the takes and the difficult on the takes of the takes the states of Great Britain im-mediately the war broke out were pup under a central organization so that as proper and the match of the states in all the under a central organization so that as proper and the mark of the town the take on the matched them in a most efficient. The main and be been and the states and canada to re-organize the rairloads of that country. The rairroads of Great Britain im-moder a central organization so that as proper and the mark of that country and as bandled them in a most efficient. The days after Congreas declared which immediately took over the trans-proper index. The days after Congreas declared which immediately took over the trans-proper the states of the leading the states in a most efficient. The days after Congreas declared as the states in the states in the states in a most efficient. The take and the state

Five days after Congress declared war, the chief executives of the leading railroads met in Washington to consult with the Council of National Defense and "pledge themselves with the gov-erament of the United States, with the governments of the several states and with one another, that during the pre-sent war they will coordinate their op-erations in a continental railway sys-tem, merging during such period all their merely individual and competitive activities in the effort to produce a maximum national transportation ef-delency." The executive committee of five them selected now Mirects the operations of

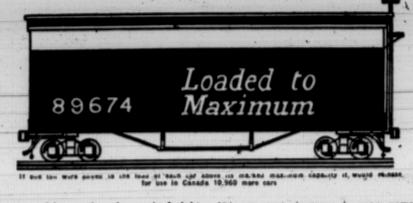
maximum national transportation ef-fleiency." The executive committee of five then selected now Mircets the operations of all the railroads as a single system. In doing this the railroads acted volun-tarily and no law has been enacted to enforce co-ordination. They have re-ceived no guarantee of compensations such as the British government gave to the English railways which are as-sured of the same net returns that they earned before the war began. Buch organization has not yet been perfected in Canada though I believe some such organization is now in pro-ress of formation and it will be a good thing in meeting the difficulties that we must face during the coming winter season. In addition to this, however, it is up to every shipper hot only to ex-pert service from the railroads but to lead every effort in co-operating with the reads.

in the solution of this problem was the operation of the shipers in loading their ears nearer to capacity and in delaying them a shorter time in loading and inloading. Checking of cars from Forder and the solution of the shipers in loading and inloading. Checking of cars from Forder show that cars are now carrying 77,000 barrels this year against 125 barrels has year. Cement cars moving out of Chicago are now carrying 77,000 pounds has year. Cars loaded with in plate moving out of Chicago are now carrying 77,000 pounds has year. Cars loaded with the plate moving out of Chicago are now carrying 77,000 pounds that carried 92 per feat, of their marked capacity last year cars loaded to carry almost be present of their marked capacity last of Pittsburg that carried 92 per feat, of float in 1916 amounted to 40,000 pounds. In New Orleans sugar cars that were loaded to carry almost be present of float in 1916 amounted to 62,500 pounds, this year the average carload is 61,923 pounds. In New Orleans sugar cars that were loaded to carry almost of pounds. In other parts of the country ugar refineries have voluntarily increased their minimum capacity 25 per feat, of from 40,000 to 50,000 pounds. The other parts of call on the Mayland railways recently showed and in 6 pounds. The average loading of the 540 cars was leaded below marked capacity. The average loading of the 540 cars was leaded to flay showed that the total of 132 per cart, marking flay showed that the total of 132 per cart, and the prompt move for July showed that the total of 132 per cart, marking of 52,000 cars into the start of the sound and the ore and of 80,000 cars was made, A further wain of 133,000 cars was made by pool ing the showen are of cars ordinarily reversing of 133,000 cars was made by pool ing the showen are of cars ordinarily reversing of 133,000 cars was made by pool ing the showen are of cars ordinarily reversing of 133,000 cars was made by pool ing the showen are of cars ordinarily reversing of 133,000 cars was made by pool ing the showen

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either the grain elevators or the sea-port. The reports of this same War Board show that on September 1, the excess of unfilled orders for cars in some parts of the country over surplus of cars in other places was reduced by 14 per cent. as compared with August 1, one month previously. Whereas the shortage of cars on September 1 was 31,501, at the time the Railroads War Board began to co-operate with the government last April there was 'an excess of unfilled car requisitions over 'surpluses of 148,600 cars. The result of co-operation on the part of the 'railroads, producers and various regulative bodies has been that with practically no increase in facili-ties the railroads of United States have handled the greatest amount of freight is their history in the past four months, the improvement In aumber of unfilled car orders is thaf time amounting to 78 per cent.

Since May 1, American railroads with the cooperation of the public, have been able to reduce their passenger ser-vice by approximately 25,000,000 miles. This has relieved thousands of train,



crews and locomotives for use in freight service, and cleared thousands of miles of track thereby facilitating the move-ment of coal, food products and sup-plies needed by the government. There has also been a saving of close to half-a-million freight cars through the same co-operation... This saving of freight cars has enabled the railroads to move autoroximately 25 per cent, more freight approximately 25 per cent. more freight since war was declared than during the same period last year. Since August 1, they have moved 502,000 soldiers to training camps without a hitch.

Problems Of Canadian Bailroads

Problems Of Canadian Bailroads It has been difficult for the railroads for increase their rolling stock and tracks the presence of the stock and tracks the greatly in excess of anything they had known up to this time. A rail the stock of the stock and the stock and the stock of the stock and the stock

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A typical 1915 freight train and the proposed 1917 desight train on Canadian railroads. Twenty cars on this train will carry 45 tens more than 23 cars carried in 1915, i.e. if shippers on-operate

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What Might Have Been and May Be

What Might Have Been and May Be Had the average load per car in 1915 been 23.4 tons instead of 18.4 tons, the same traffic would have been handled with 6,047,558 less trains hauled one mile, or with 1,568,765 less car trips. By increasing now the average load by five tons per ear, the public of Canada would improve the efficiency of the equipment facilities and man power of the railways to an extent equal to 34,800 additional freight ears, 482 ad-ditional freight and yard engines, 415 additional miles of yard trackage and

faced before. It is necessary that all the grain possible be moved to the lake front before the close of navigation. The following is some information re-garding the maximum capacity of vari-ous cars on the different lines of rail-roads in Western Canada which ship-pers will find useful. The G.T.P. have 60,000 and 80,000, pound cars. The G.T.P. maximum is 66,000 pounds on 60,000 pound cars, and 88,000 pounds on 60,000 pound cars. The G.T.P. 80,000 pound cars are numbered C.G.R. 80,001 to 81,610, and 250,000 to 250,999.

G.T.P. 80,000 pound cars are numbered C.G.R. 80,001 to 81,610, and 250,000 to 250,990.
The C.N.R. have both 60,000 pound and 80,000 pound cars; the 80,000 pound cars are known as D.W.P. and start from numbers 30,000. On the C.N.R. cars the maximum is 66,000 pounds for the 60,000 pound cars. The C.P.R. bave three different sizes, 40,000, 60,000 and 80,000 pound cars. The C.P.R. bave three different sizes, 40,000, 60,000 and 80,000 pound cars. The 60,000 pound cars can be loaded to 66,000; the 80,000 pound cars can be summing from number 100,000 to 139, 904; 200,000 to 153,238. Other series The secretary of the Board of Rail way Commissions for Canada said on September 19: "Don't forget that if all shippers load to full capacity, or bet-ter to 110 per cent, when practicable, the restoring will largely disappear. The weather conditions of winter last young terms are interested in getting read infinently. Prompt deliveries of new rolling stock do not exist. Shippers and reasivers are interested in setting draw rolling stock do not exist. Shippers and reasivers are interested in setting or from the progent in affieint ear mand reasivers are interested in setting and reasivers are interested in setting are not in a freight car gained.—E.

