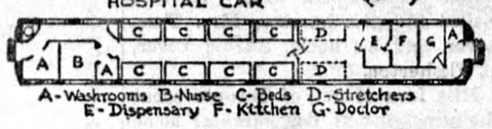
THE RAILWAY AND THE WAR . . . *By Thurstan Topham*

The requirements of WARTIME TRANSPORTATION brought the development of several new types of Railway cars. THE HOSPITAL CAR (at Right) → was designed by Dr. John McCombe, Chief MEDICAL OFFICER of the Canadian National Railways. It serves as the Medical Centre in trains carrying casualties. The KITCHEN COMMISSARY CAR (below) was developed by Catering experts of the C·N·R· These cars in service on the National System were converted in the Company's Shops —

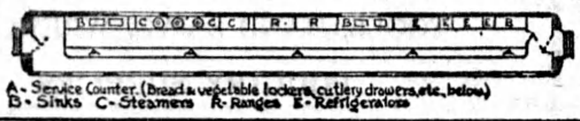
HOSPITAL CAR

Mess Orderlies obtain food in Commissary car (at left), — and serve to Men through train.



A-Washrooms B-Nurse C-Beds D-Stretchers E-Dispensary F-Kitchen G-Doctor

WARTIME CATERING is a big job. Since the start of the war, chefs on C·N·R troop trains have served - 68000 THREE-POUND LOAVES OF BREAD, 74 TONS OF BEEF, 13 TONS OF BACON, 165 TONS OF POTATOES, 22 TONS OF ONIONS, 26 TONS OF MARMALADE & JAM, 396,000 EGGS, 22 TONS OF COFFEE AND OTHER FOODS IN PROPORTION.



A-Service Counter. (Bread & vegetable lockers, cutlery drawers, etc., below) B-Sinks C-Steamers R-Ranges E-Refrigerators

Modern Etiquette

1. What are the popular symbols of the various wedding anniversaries?
2. Is it permissible to use a handkerchief at the table?
3. Should a man remove his hat when entering a hotel elevator?
4. Isn't it considered improper to speak of dinner clothes as a "tux"?
5. Who should select and engage the clergyman for a church wedding?
6. When the coffee or tea is very hot, is one permitted to use the spoon to sip it?

ANSWERS

First year, paper wedding; fifth year, wooden; tenth year, tin; twelfth year, leather; fifteenth year, crystal; twentieth year, china; twenty-fifth year, silver; thirtieth year, ivory; fortieth year, woolen; forty-fifth year, silk; fiftieth year, golden; seventy-fifth year, diamond wedding.

2. Yes, if necessary, but it should be used as inconspicuously as possible.

3. Yes, but it is not necessary when entering the elevator of a store or office building.

4. Yes. One should say "tuxedo". "Tux" takes its place with "Gents".

5. Usually the wedding ceremony takes place in the church which the bride and her family attend.

6. No. One should wait until the coffee or tea has cooled sufficiently. After stirring, the spoon should be placed in the saucer and remain there.

Shipyard War Cry 'Keep 'Em Rolling'

U. S. Plant Starts Assembly Line Production of Ships

The shipbuilders' dream—assembly line production, has begun in Vancouver, Wash.

"Keep 'em rolling" became a shipyard war cry for the first time as Kaiser Company, Inc., laid a keel of the first of a fleet of Liberty freighters in the first completed way at a new $17,000,000 plant on the Columbia River.

12-Way Yard

It took "The Kid" of the business—33-year-old Edgar F. Kaiser, dam contractor extraordinary turned shipbuilder—to rewrite the automotive industry's book for ships.

In the new 12-way yard entire superstructures will roll along an assembly line while hulls take form on the ways.

Stacks, booms, pilothouse, bridge, staterooms, cabins — everything above decks, even to the woodwork and fittings—will be added as each gigantic unit moves along the line.

By the time the hulls are launched the superstructures will be finished, moved into huge bays ready for lowering onto the hulls in one piece.

Simply Welded On

After that, its simply a matter of welding, minor outfitting and adjustment before the ships are ready to go into service carrying war cargoes to American and United Nations troops all over the world.

Where the new technique will save is in the outfitting basin. How many days the superstructure assembly line will shave off total building time even Kaiser's production experts don't know yet, but they expect it to be plenty.

They believe the methods used will revolutionize American shipbuilding, but that's not the important thing. What they want to do is turn out 10,000-ton EC-25's faster than they've ever been built before.

What Science Is Doing

FIGHTING FEVER

In a single hen's egg, Rockefeller Foundation scientists can grow enough yellow-fever virus to protect twenty persons for at least six years against the deadly tropical malady. The process consists of using the delicate membrane beneath the shell as a medium in which the microbes multiply rapidly.

The culture is then removed from the egg, frozen into relative impotence, and diluted in a salt solution. A fraction of an ounce of this injection brings active immunity. Last week Raymond B. Fosdick, president of the foundation, announced in his annual review of the organization's work that manufacture of this vaccine had gone into mass production for the war's duration.

During 1941 the Army and Navy received about 1,920,000 free doses for tropical fighters. Other large shipments went to Africa, India, Brazil, and Singapore, bringing the total number of shots to 4,260,680, or the virus output of 213,000 experimentally infected eggs. Reminder to shortage-worried housewives: the eggs were grade C, and anyway American hens lay about 2,750,000,000 dozen eggs each year.

To fight another age-old tropical disease, malaria, the foundation used $2,000,000 and 2,000 workers to clean up 12,000 square miles of infested territory in Northeastern Brazil. As a consequence, 1941 saw the region practically free of the malaria mosquito, Anopheles gambiae. Two scientists are now studying the extent and treatment of malaria in Trinidad, an important American base.

—Newsweek.

Scots Did It

Much is heard these days about the "scorched earth" policy, says the St. Thomas Times-Journal, and it is spoken of as if the Chinese were the first to put it into effect against the Japanese at the beginning of the "China incident."

The Scots did that, however, six or seven hundred years ago against the English. The latter had more men and were better armed, and when they crossed the border the Scots retreated, taking with them the livestock and field products. The stuff that could not be carried away was killed or burned. The result was that the invaders were soon obliged to go back for lack of food. It was this policy that enabled the Scots to so often thwart their enemies.

No doubt, "scorched earth" is much older than that.

HOW CAN I?

Q. How can I re-glue the joints of furniture?

A. The old glue which clogs the wood pores of joints to be re-glued prevents the new glue from setting firmly. When this happens, steam the surface of the part to be glued with a damp cloth and a hot iron. The joint will then be in excellent condition for the application of fresh glue.

Q. How can I remove the black specks which sometimes form on silver?

A. By using a paste of whiting, that is free of grit, and olive oil; lightly polish with old silk. If the specks are obstinate, smear with the paste and leave it on for some time.

Q. How can I make a good salad dressing for cabbage or fresh green salads?

A. A dressing can be quickly made by mixing powdered sugar in sour cream, with vinegar added to taste.

Q. How can I prevent kid gloves from smelling of perspiration?

A. When putting away the kid gloves after wearing them, shake a little talcum powder into them. This will absorb any moisture that may be lingering in the leather and entirely remove that objectionable smell of leather.

Q. How can I promote the growth of houseplants?

A. Geraniums and other houseplants that are kept in the windows should be turned around frequently so as to promote the growth of well-rounded plants.

An Optimist

An amusing story reaches me of a war savings meeting in a village at which the local centenarian was persuaded to come on to the platform and address the audience. His speech ran as follows:

"I be an old man of 106. I be the oldest inhabitant. I've got a tricycle and I can ride 'un as well. My young brother of 96 can't ride a tricycle but I can. I ride 'un every Saturday morning down to post office and get a savings certificate. It costs me fifteen shillings but that don't matter, because in ten years' time it will be worth more than that."—Birmingham Post.

Joking Customer: "How much are your four-dollar shoes?"

Small Salesman: "Two dollars a foot."

SALVAGE and the War Effort!

Since the outbreak of the war, we have made a specialty of buying surplus and obsolete machinery of every description.

As a result of our efforts, we have been able to supply vital "War Industries" with rebuilt machinery of every description.

To-day, there are tremendous quantities of used and surplus machinery equipment and supplies of all kinds lying dormant in warehouses, cellars and sheds throughout the country. This material must be sorted out in order to be used to the best advantage in the war effort, which requires both machinery and scrap metals.

If it is salvagable machinery, we are prepared to pay a good price for it; if it is scrap the price is still good; the price is set and controlled by the Canadian government. In either case look around and see what you have to offer and write, wire or telephone us at Adelaide 2454-2455—Evenings, Mohawk 5270.

In this National Emergency, all loyal Canadians should co-operate with us in our drive for Greatest "War Effort."

E. Hoffman Machinery Supply

181 KING ST. EAST TORONTO, ONT.

Have You Heard?

A Scottish church held a self-denial week. At the end of the week, one of the members handed over a donation of 5s, 3d, all in threepenny pieces.

"Tell me, Jock," said the parson, "how is it your contribution is in threepenny bits?"

"Well, ye see, sir, it's my custom to have three whiskies and sodas every day, but as we were holding a self denial week I felt I must give up something." Then, nodding towards the small coins, "These are the sodas, sir."

Young Mother: "The landlord called today, and I paid the month's rent and showed him baby."

Young Father (of crying baby): "Pity you didn't show him the sent and give him the baby.".

MacTavish purchased a pair of boots, which were guaranteed for a year.

After eleven months, he returned, and complained that they were not standing up to the guarantee.

"Are you sure they fit you all right?" asked the manager.

"They fit me a' richt," was the answer, "but my brother on night shift says they're a bit too tight for him."

"You hammer nails like lightning."

"You mean I'm a fast worker?"

"No, you never strike twice in the same place."

Two cyclists pulled up for the night at a hotel.

"Well, I think," said the host, "that you'll have a comfortable night. It's a feather bed."

At two o'clock in the morning, one of the cyclists roused his companion.

"Change places with me, Dick," he groaned, "it's my turn to lie on the feather."

"Good heavens, M'Pherson, you've holed in one!"

"Aye! It saves wear and tear on the ball."

At a bar dinner, Sam Ewing, a lawyer and a great punster, was called upon for a song. While he hesitated, Judge Hopkins observed at best it would be no great matter as it would be but Sam (psalm) singing.

"Well," replied Ewing, "even that would be better than him (hymn) singing."

Soldier (finding a wasp in his stew): "Hi, what's this?"

Dixie is economical - you cut it as you use it - There's no waste.

DIXIE

PLUG SMOKING TOBACCO

Mess Orderly: "Vitamin bee."

The hope of the family returned from his first day's work at a munitions factory with fingers bandaged.

"Ho, Bert," said his father, "how's this?"

"Well," said the bright one, "the foreman said the machine was fool-proof, but I soon showed him."

New Night Fighters Used By Germans

A Berne dispatch quoting the Berlin correspondnet of Die Tat said the Germans were using multiple-seated Diesel planes equipped with radio location apparatus as night fighters.

The detection apparatus was said to determine the position and direction of attacking planes by picking up radio waves from the raiders' ignitions. The Germans were said to be using Diesel motors so there would be no magneto interference with the detectors.

Ontario At Peak Of Hog Production

L. E. O'Neil, director of livestock for Ontario, told the agriculture committee of the Legislature that the province now has reached the maximux in hog production considering the available feed.

"We'll have to import more grain or cut down on production in other lines of livestock," said Mr. O'Neil.

The livestock director supplied the committee members with a table of figures on the swine industry in which it was shown hog marketings in Ontario in 1941 totalled 2,326,623. This was a little more than one-third of the total marketings in Canada.

With regard to the trend of production another table showed Western Canada had a 26.8 per cent increase in 1941 over that in 1940, while Eastern Canada showed only 1.9 per cent increase.

Alberta, he said, was now Ontario's greatest competitor in quantity of hog production and was pressing this province in the matter of quality.

British Lives Lost By Nazi Bombings

"We are all in the front line this time, in Britain," and the words have real significance when we read the civilian casualties in the British Isles, caused by the German bombing raids, says The Niagara Falls Review. Here are the figures up to October, 1941:

	Killed	Injured
Men	19,789	28,867
Women	17,089	20,840
Children	5,044	4,086

The almost miraculous feature about the war in Britain is that there is no war weariness, but an ever-growing will, determination to win, a desire to sacrifice all normal things to rid the world of the boche.

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MAY WE ACT AS YOUR GUIDE for a minute or two? If you don't mind we would like to make a suggestion. This year above all years when egg prices are good and poultry prices are likely to be profitable also, it will pay you to be sure before you purchase your chicks. Tweddle has an eighteen year reputation for square dealing and supplying quality chicks. 19 purebreeds, 9 hybrid crosses, 4 breeds of turkeys to choose from. Free catalogue. Tweddle Chick Hatcheries Limited, Fergus, Ontario.

MARTINDALE'S CANADIAN APproved Chicks from bloodtested stock: Barred Rocks, White Rocks, New Hampshires, White Leghorns, Light Sussex, and Hybrids. A post card brings our folder and price list. Order your May and June Chicks now from Martindale's Farm Hatchery, Caledonia, Ontario.

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WANTED AT MUSKOKA HOSpital, Gravenhurst, a married couple to work together in diet kitchen. Good wages and permanent position if satisfactory. Experience not necessary. Apply J. T. Murray.

WANTED

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