

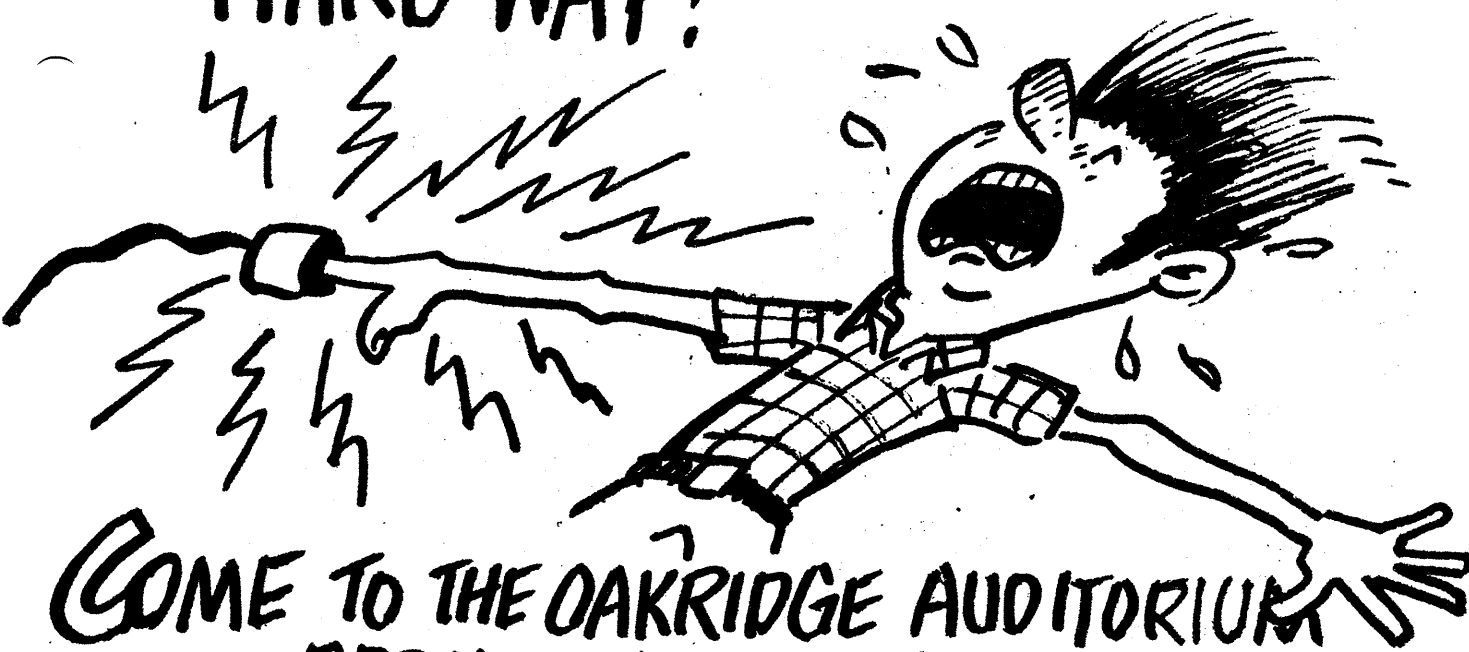
th DIVISION **BULLETIN BOARD**

Volume 80, No. 8 November 1980



**PACIFIC NORTHWEST REGION
NATIONAL MODEL RAILROAD ASSOCIATION**

**DON'T LEARN ELECTRONICS THE
HARD WAY!**



COME TO THE OAKRIDGE AUDITORIUM

NOV. 16th/80 1:00 P.M.

AND LEARN FROM THE EXPERTS!

★ SOLID STATE ★ CONSTANT LIGHTING ETC.

BULLETIN BOARD

The BULLETIN BOARD is the official publication of the 7th Division, Pacific Northwest Region of the National Model Railroad Association, and is authorized by the Standing Committee. It is mailed free of charge to all members of the 7th Division. Subscription rates to others is \$3.00 per year, which comprizes approximately six issues.

Correspondence pertaining to this publication should be directed to the Editor, whose address appears below.

All other correspondence relating to the 7th Division, P.N.R., NMRA should be forwarded to the Superintendent, as listed below.

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November 1980

SUPERINTENDENT'S REPORT

For those of you who missed it, the Fall Meet at the Holiday Inn was quite a success. The final count for the Banquet was 129, and well over 200 people came to see the displays on day passes. Many thanks to the committee members and to those who displayed. We almost didn't have enough room for all those who wanted to display, however everyone was accommodated without problems. Tom was right! We really do have a great standing committee. To get something done, all I had to do was ask!

The model and photo contests had more entries than I can ever remember having seen at a one day meet, but I am sure that we can do much better, so - - dust off your workbench! Dig out your cameras! - - The next contests will be held at the Spring Meet and again at the regional convention in Tacoma.

This is the first year that we have held both a spring and a fall meet. Judging by the attendance at Vernon and here, we should not have any difficulty sustaining interest in two meets a year, one in the Interior and one on the Lower Mainland.

We are also in the process of lining up clinics for Oakridge in the spring. We have some ideas, but I would like to hear from YOU, if you have suggestions for clinics at either Oakridge or for the Spring Meet. Our next clinic will be on November 16 and will feature assembling your own constant lighting unit for a locomotive. See elsewhere in this issue for further details.

There have been many requests for additional trestle kits, but, I am sorry to say, there are no more available. Frank McKinney put in a lot of hours cutting the wood for these clinic kits. They are not intended to be a source of kits, there are plenty of manufacturers that can do this. Their intent is to teach you how to do something by having you actually do it. If anyone would like to cut their own lumber from strip-wood, plans and a parts list are available by dropping me a note with an S.S.A.E. for return mailing. (Also see article in September issue of the Bulletin Board, which includes a list of materials required. Ed.)

As this is being written four days before the end of October,

Happy Halloween Everyone, and HAPPY RAILROADING!

Greg Madsen

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FOR THE RECORD, Financial Times of Canada, Thanks to Ted Edwards

Canadian National Railways says its CN Rail unit will buy rolling stock valued at about \$37 Million. The railway ordered 500 gondola cars from National Steel Car Corp., a unit of Dominion Foundries and Steel Ltd. of Hamilton and will buy 200 flat cars from Marine Industries Ltd. of Sorel, Quebec.

June 2, 1980

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CPRail will undertake a 10-year, \$200 Million program to update its aging locomotive fleet. More than 400 locomotives will be rebuilt and modified at a cost of \$48 Million, and \$152 Million will be spent to buy 160 modern Canadian made diesels. More than 300 older locomotives, purchased between 1943 and 1959, will be retired.

July 28, 1980

WEATHERING WITH PAINTS

by David Hemsley, Kelowna, B.C..

Weathering is usually used to impart a prototypical look to motive power, rolling stock and buildings. It can be used to "accent" small details not normally noticeable, or to lighten underbody details and running gear, so it can be seen under relatively poor lighting conditions of the model railroad. It can also be used to show the history of a car, it's use and era being modelled, for example, cars of the diesel age tend to be covered with an oily grey grime.

PREPARATION

- = Ensure car is dust free
- = Remove trucks and wheel sets
- = Remove any flash, molding lines, sprue marks, etc.
- = Paint all unpainted parts, brake wheel, etc.
- = Cover work surface with paper towels or newspaper
- = Select a good quality 1/2" wide flat brush and 2 or 3 various size pointed brushes (#1 to #5)
- = A nice effect can be achieved by covering, for example, the car number with Pacific Pike moulding rubber. When it is peeled off after painting, it looks like the area was just washed.

BRUSH WEATHERING USING WASHES

A realistic effect can be achieved using brushes only, if the wash is "worked" into the surface using thinner in much the same way an artist does with oil paints. I find the Humbrol line of paints to be good for this as it can be applied safely over existing paint. The following examples will show the method used.

Diesel era Grime

1. Mix wash = 10 to 12 drops Humbrol grey matt #67 with 3 cc thinner. The pigment will settle to the bottom allowing you to control the pigment/thinner ratio by the depth brush is dipped.
2. Using the wide flat brush, apply a more concentrated wash over entire side of car and let partially dry.
3. Using small (#1) pointed brush, apply a more concentrated wash along rivet lines, etc.
4. Clean flat brush in thinner, wipe excess thinner off on paper towel and brush over side to blend the wash.
5. Excess pigment may be removed using brush dipped in thinner

Road Dust

1. Mix colour and thinner = about 1 part colour to 3 parts thinner
2. Using medium #3 to #5 brush mixture on bottom area of car sides
3. Let partially dry
4. Dip flat brush in thinner and remove excess on paper towel
5. Lightly brush car side, cleaning brush frequently, on paper towel to blend dust into upper car side
6. Go over entire car side with flat brush, damp with thinner to remove any water marks
7. Corrugated car ends are best treated by painting a concentrated solution near the bottom and a thinner wash further up. A thin wash will allow the pigment to collect in cracks, etc. as real dust is apt to
8. Car trucks and underbody are painted with diluted "dust" mixture.

PARTICIPATION CLINIC

Electronic "CONSTANT LIGHTING" Kit - Oakridge Auditorium 1 p.m.

November 16th, 1980

PLUS Tape/Slide Clinics for those who are not Participating!

These two clinics will be run simultaneously - Take your choice!

For the members who will be participating in the constant lighting clinic, the kits will be sold at cost, or \$2.00 each while they last.

Following is a list of tools, etc. required for this clinic:-

Lamp and extension cord
Soldering iron
Pliers
Sidecutters
Wire Stripper
Alligator Clips (2) - if you have them.
Working Board

If you wish, you can bring a locomotive to install the finished product. Ted Edwards, Greg Kennelly, Carl Sparks and Hank Menkveld have all been working together to bring you this clinic. Bill Galovich is in charge of the Tape/Slide Clinics. If by chance these tape/slide films do not arrive in time, other films will be substituted.

Let's have a good turn out for these two clinics, which will be the last for this year. Support the fellows who have made it possible for you to participate or relax and enjoy the films and a refreshment break.

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Don't forget to plan ahead for the 2nd Annual SWAP MART scheduled for January 18, 1981 at the Oakridge Auditorium, 1 p.m..

If you happen to be near CHEHALIS, Washington on the weekend of January 24th-25th, 1981, the Lewis County Model Railroad Club is having a Show at the Lewis County Mall. Hours: Sat. 10 to 6; Sun. 12 to 5.

HELP WANTED! Your editor is trying to compile a complete set of Bulletin Boards. The last DISPATCHER was the March-April 1965 issue. What publication did the 7th Division have after the Dispatcher? The oldest BB I have been able to locate is March-April 1968. If anyone can fill me in or loan me copies to get photostats from I would really appreciate your co-operation. I also need:-

1969 - Jan/Feb; Mar/Apr; May/June; Sept/Oct
1970 - January; Sept/Oct
1972 - November
1973 - October

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FOR THE RECORD, Financial Times of Canada, Thanks to Ted Edwards:-

Subject to government approval, Canadian National Railways will become sole owner of Northern Alberta Railway Co. by purchasing CPRail's 50 per-cent holding. The Northern Alberta Railway was incorporated in 1929 with CP and CN each owning 50 per-cent of the capital stock. July 7, 1980

Bulletin Board

November 1980

WEATHERING WITH PAINTS (Continued):Rust

A good rust color can be made by mixing Floquil Rust with Roof Brown. Unthinned it can be dry brushed on protruding detail to show areas of infrequent wear.

a) Dry Brushing

- As this method is hard on a brush, an old brush may be used.
1. Dip brush in undiluted paint and brush out on paper towel until most of the paint is removed
 2. Brush over area to be painted allowing raised parts to pick up the pigments.
 3. This method can be used to accent hand grabs, roof walk grating, etc.

b) Wash

The same mixture, diluted to a wash, can be applied to such areas as polling pickets, couplers, wheel centres, interior of gondolas, etc.. A correctly thinned mixture, applied to Kadec wheel sets will allow the lettering to stand out.

Bare Metal

Bare metal on areas of frequent use can be painted by the "dry-brush" method or by rubbing with Rub 'n Buff or graphite powder. To use Rub 'n Buff, wipe some on finger, wipe excess off on paper towel, then apply to car.

WEATHERING WITH AN "AIR BRUSH"

With an air brush, a realistic effect can be achieved quickly and easily. An external mix air brush such as Binks Wren "A" or "B" or similar type is best. Because of the fine nozzle opening a very fine spray can be produced, virtually eliminating runs, etc. giving a good result with the first attempt.

1. Prepare car as for brush painting
2. As the paint will hit the surface "dry", lacquer paints may be used without affecting basic paint finish
3. Mix a paint/thinner mixture, about 50/50
4. Caution...spray near an open window. I use a house fan to blow air out the window, fan should not be directly in line of spray.
5. Start air brush and stop nozzle down until a fine mist of pigment is produced.
6. Proceed to spray area of item to be painted, holding nozzle close to surface
7. If a speckled appearance is produced, either the paint mixture is too thick or the nozzle is not closed far enough
8. The paint nozzle and paint cup should be disassembled and cleaned after each colour is applied

Some Suggested Painting Effects

1. A paint mixture of the same colour as the basic car body can be lightly sprayed over decals to produce a faded look. A lightened mixture of the same color can be used to give a faded look to upper surfaces.
2. Remember the air brush sprays in line-of-sight. Spraying the side of a car with the brush held at a sharp angle to the side from above will allow horizontal surfaces to pick up more of the pigment.
3. The air brush can be used to soften previously applied washes (for

Extra West No. 7 October 29, 1980

The 7th Div Fall Meet proved to be a real success!

Under the Chairmanship of Greg Madsen, our Superintendent, the committees put on a valiant effort of co-operation. Greg Madsen made the Hotel and Banquet arrangements; Hank Menkveld capably handled the Registrations and all the routine business connected with it; Phil Crawley, assisted by Cyril Meadows, planned the display area layout; Frank McKinney, Brian Pate and Carl Sparks gave demonstration clinics; Bob Millar was projectionist in the movie and slide show room, and Gordon Richardson filled in at the Mart. Tom Beaton organized the model contests and Hal Kinsey the photo displays and contest; Fraser Wilson prepared the posters, Ken Griffiths the advertising, Art Jones the raffle and Doug Kelleway collected all the door prizes that were given out. The Railettes also got together for a luncheon and a browse through Gas Town. Our thanks also to Carl Sparks for the interesting slide presentation of historical lower mainland scenes and his electronic magic lantern accompanied by tastefully selected music as it flitted from scene to scene. All in all, things went very smoothly, with a special emphasis on the dinner!

There were about 130 Registrations for the Banquet and the Public was clamouring for admittance before 12 Noon, and kept a steady pace all afternoon, bringing in the financial assistance to keep our Division's budget buoyant.

Our sincerest "thanks" are extended to all the Hobby Shops, individuals and businesses who donated the bountiful supply of Door Prizes. Also a special "thank you" to the donors of the Raffle prizes and congratulations to the winners, as listed (?):-

- 1st. \$100 Gift Certificate, courtesy Van Hobbies
The winner : Cliff Silverson
 - 2nd. \$ 75 Gift Certificate, courtesy Totem Tools
The winner : A lady, name unknown, could be from North Bend
 - 3rd. \$ 25 Gift Certificate, courtesy Village Hobby Centre
The winner : PNR President Elaine Jones
 - 4th. \$ 20 Gift Certificate, courtesy Railway World
The winner : unknown, please identify yourself
 - 5th. Model Power Train set, courtesy Village Hobby Centre
The winner : name not legible, phone no. on back of ticket.
- (If anyone can fill us in on the missing names, please drop a line to Ye old editor so we can complete our records, thank you.)

MODEL CONTEST WINNERS

DIESEL	1. Dave Simpson	2. Sandy Webster	3. Gordon Varney
STEAM	No Entries (rah out)		
TRACTION	1. Ted Clark		
	also BEST OF SHOW		
FRT CARS	1. Gordon Varney	2. Malcolm Anderson	
CABOOSE	1. Rod Pollock		
STRUCTURES	1. Sharon Green	2. Herb Fleming	
MTCE of WAY	1. Cyril Meadows		
DISPLAY	1. Malcolm Anderson		

Tom Beaton, Chairman Model Contest

PHOTO CONTEST WINNERS

16 Entries

Continued...../8

WEATHERING WITH PAINTS (Continued):-

example, water impurity sediments on a boiler near pop-valves, whistles and generator).

4. The drivers of a loco can be given a light application of light brown or grey, while running, making the spokes stand out.

After spray painting is finished parts not likely to collect dust such as hand grabs can be repainted by brush with the basic car color. A thinned mixture of Humbrol flat black can be applied by brush to the area around molded truck springs to make them appear more realistic.

Care of Floquil Paints

Floquil paints cure by catalytic action with the air. To prevent the paint from gelling in the bottle:

1. DO NOT leave top off the bottle = put amount needed in small container and immediately close the bottle
2. DO NOT return unused portion of paint into bottle
3. DO NOT add thinner, either lacquer thinner, or Dio-sol to bottle - this will cause pigment to cake and form small lumps
4. Keep top of bottle and clear plastic seal clean
5. Store paint upside down
6. I put split shot in the bottle, shaking it to mix the paint

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Extra West No. 7 (Continued):-Photo Contest Winners:-

MODEL, Color Prints	1. John Green	2. John Green
PROTOTYPE, Black & White		2. Glenn Lawrence
(STEAM)	1. Harold Holtby	3. Greg Madsen
PROTOTYPE, Color		2. Glenn Lawrence
(STEAM)	1. John Green	3. Steve Stark
PROTOTYPE, Color		
(DIESEL)	1. Glenn Lawrence	
PROTOTYPE, Color		2. Chuck Laws
(Other)	1. Brian Clogg	3. Glenn Lawrence

If anyone desires to have information concerning the 7th Division new Rules and Regulations for Photo entries and Contests, please phone Hal Kinsey at 604/985-1736, or write him, enclosing a large, stamped, self addressed envelope (in Canada) and forward to his address below:-

Hal Kinsey
1090 Adderly Street
North Vancouver, B.C.
V1L 1T3

A fitting conclusion to a good days activities was a well deserved gesture by Tom Beaton with the presentation of plaques to four of our 25-year standing committee members. They have given of themselves so freely in the past and are still the backbone of our 7th Division! CONGRATULATIONS!

Frank McKinney
Phil Crawley

Ken Davis
Fraser Wilson

Please be reminded that November 16th is our "Constant Lighting" Clinic at Oakridge, along with Tape/Slide Clinics which will be run simultaneously, starting at 1 p.m.. Check the TIMETABLE schedule!

Art Jones

SCALE REPRODUCTIONS

BY Mike Green
Editor, "SANDHOUSE" PCO CRHA

From time to time, we run across various plans and illustrations of Canadian railway equipment. We present a selection of such items below, for the possible use of researchers and modellers among our readers:-

- + Railroad structures of Canadian prototype: scale drawings from Green Lantern Models, P.O. Box 1605, Manassas, VA. 22110 U.S.A.
- + Canadian National decals for pre-1960 equipment: scaled from prototype photos, these are available in N, HO, and O scales for steam locos, diesel switchers, GP-9's, boxcars, reefers (wood and steel), and cabooses from Wm.K.Walters, P.O. Box 18676, Milwaukee, WI. 53218 USA
- + CPR handcar shed and NAR caboose are among scale drawings from Slide Guide, P.O. Box 411, Edmonton, AL. T5J 2J6 Canada
- + CPR enclosed water tower (standard #1 type), CNR standard Farm Road Crossings by Stafford Swain and Julian Cavalier, in RMC, August, 1979*
- + CNR experimental stock car #179000, rebuilt from auto transporter in 1965. Photos, data and drawings by Julian Cavalier RMC, October 1979*
- + CNR experimental pulpwood car #906901, rebuilt from one of the standard FM class flatcars of 1955. Rebuilt 1956, withdrawn 1960. Photos, notes and drawings by Julian Cavalier, in RMC, December 1979
- + N scale vehicles (1953 Chevrolet and 1949 Mercury) are offered by Pacific N Scale, 1135 Lonsdale Avenue, North Vancouver, BC V7M 2H4 Price: \$2.95 per packet.
- + Train name plates offered by Northern Scale Models, P.O. Box 118, Osseo, MN. 55369 U.S.A.. Including those used on the front of #2860 on its promotional tours.
- + Model cars painted and lettered for Canadian lines are listed in a catalogue published for 25¢ by Dominion Hobbies, PO Box 8, Breslau, Ontario NOB 1M0
- + Decals for Canadian stock are offered by several producers, including Launch Pad Distributors, 7143 Dumfries Street, Vancouver, BC V5P 3C3 (CN and CP piggy-back trailers); and by Miller Advertising, 1627 Lilac Drive, Manitowoc, WI. 54220 U.S.A. (1978 CP 40' insulated boxcar, 1976 CP piggy-back trailer), for HO.
- + A 1937 40' steel boxcar issued by Train Miniature, P.O. Box 292, South Holland, IL. 60473 U.S.A. is lettered for PGE #3511
- + CP 270000 series "Feed Rack" stock car is illustrated in the RMC,* May 1980. Drawings by Julian Cavalier and photos accompany a brief description. Railroad Model Craftsman *

(Mike Green was compiling this list for use in the SANDHOUSE, but considered that as it was pretty well all modelling, it would be more pertinent in a NMRA publication. We thank Mike for thinking of us and trust that some of you will derive some helpful information from it. Editor).

MEMO to all members: As most of you are aware, Phil Crawley had a serious operation last August. He is now progressing favourably and wishes to thank the Vancouver HO railway Club, the gang at the Cornfield Meet, those that signed the card at Van Hobbies and the many other individual "get well" expressions he has received. Thank you all!

TIMETABLE No. 7 Effective November 3, 1980

- 1980 November 16 Participation Clinic + Oakridge Auditorium + 1 p.m.
 "Constant Lighting" electronics clinic plus Tape/Slide Clinics.
 Something for everyone + Both clinics will be run simultaneously.
 Bring your tools and lamp, as required. More details appear
 elsewhere in this issue, please check them out!
- " 8 Columbia Gorge Model Railroad Club Annual Show -- Special ALL
 & 9 STEAM weekend, Adults \$1.25, Children .75¢, from 1 to 8 p.m.,
 at 3405 N. Montana Avenue, Portland, Oregon.
 Regular Show continues November 15 & 16, and 22 & 23rd.
- " 29 Annual Science Center Show in Seattle on US Thanksgiving weekend.
 & 30 See the SWITCHLIST for further details. A really good show!
- 1981 January 18 2nd Annual SWAP MART, Oakridge Auditorium, 1 p.m.. Keep this
 date open and watch for details in next Bulletin Board.
- February 22 Slides of Fraser Wilson's trip around the world at the Northern
 Hemisphere, mostly via the Trans-Siberian Railway.
 Oakridge Auditorium, 1 p.m..
- March 22 HO Module Construction Clinic, Oakridge Auditorium, 1 p.m.,
 demonstrated by the fellows of the Dewdney-Alouette Model Railway
 Society.
- April 18 7th Div SPRING MEET, somewhere in the Thompson-Okanagan Area.
 This will be the annual Easter Weekend Meet, so plan ahead for
 a beautiful April weekend. More details coming up!
- July 17 1981 PNR Regional Convention at Pacific Lutheran University in
 to 19 Tacoma, Washington. Watch for further details.
- August 18 NMRA Convention + SAN MATEO, California.
 to 21 See NMRA BULLETIN for further information.
- 1982 PNR Regional Convention, Vernon, B.C.
- July 12 NMRA Convention
 to 16 Washington, D.C.
- 1983 NMRA Convention + Winnipeg, Manitoba, Canada + July 18 to 24th.
- 1984 NMRA Convention + Kansas City, MO.
- 1986 A Division of P.N.R. might be hosting this NMRA Convention.

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FOR THE RECORD, Financial Times of Canada, Thanks to Ted Edwards

Canadian Pacific Consulting Services Ltd. of Montreal will conduct a \$6-million construction and equipping of a railway marshalling yard for the State-owned railway of Costa Rica. The project is an extension of an October, 1978 contract to rebuild 110 kilometres of narrow-gauge mainline track in Costa Rica.
 September 29, 1980

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Hawker Siddeley Canada Ltd. of Toronto has received a \$27-million order from CPRAIL for 500 hopper cars. The 100-ton cars will be delivered between December 1980 and February 1981.
 July 14, 1980

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