EFFICIENCY AND COMPETITION IN WESTERN GRAIN HANDLING & TRANSPORTATION
New Solutions and Approaches

A joint event presented by
The Transport Institute, University of Manitoba
The Canadian Transportation Research Forum
The Organization for Western Economic Cooperation

Reform of the Western Canadian grain handling and transportation system is a major economic and policy issue. The Estey Commission will report on the system in December of 1998. In 1999 the federal government will conclude a statutory review on the effects of the special grain provisions in the Canada Transportation Act. Diverse and often conflicting views remain on how to improve the efficiency of the transportation and handling system from farm gate to export destination. This year a special event is being introduced at the 3rd Annual Fields on Wheels Conference to discuss grain handling efficiency and competition. A panel of leading experts will present their personal views on

In This Issue:
• ‘Fields on Wheels’ Conference
• HRDC Research
“An Opportunity”
• Recommendations of the Mid-Continent International Trade Corridor Task Force
• Economic Impact of YWG
• “Proposed Air Cargo Village at Thunder Bay”
• Transport Education “Increasing Enrollment in Certificate in Logistics Program”
• Published Works
issues and solutions. A group of major western shippers, handlers and carriers will review the system and present proposed solutions from their unique perspectives. A round table discussion will involve the audience and develop findings that contribute to the ongoing debate on the future of western grain handling and transportation.

Location: Fort Garry Hotel, Winnipeg, Manitoba

Conference Details

Efficiency and Competition in Western Grain Handling and Transportation—"Solving the Puzzle", is the focus of this year's 'Fields on Wheels' conference. Conference registration opens on 16 November 7:30 a.m. at the Fort Garry Hotel.

The day is organized into two morning sessions, a lunchtime speaker, and a mixture of papers and panel sessions in the afternoon.

Janet Weiss, President, Canadian Transportation Research Forum (CTRF), chairs the opening session. The theme is "Grain Trucking: Roads and Vehicles." Graham Parsons, President, OWEC, delivers a paper titled "Have Truck Will Travel — Some Effects of Trucking on Railway and Elevator Competition." Professor Alan Clayton, discusses "Truck Traffic on Prairie Roads."

The second morning session is chaired by Dr. Jim Elliot, Dean, Faculty of Agricultural and Food Sciences. The panel includes a presentation by Sheldon Fulton, President, Agrilink Exchange Ltd. The subject of his talk is "Electronic Markets for Grain Trucking." The second presenter, Dr. Barry E. Prentice, Director, Transport Institute, (UofM), presents a paper titled, "Potential Electronic Market in Grain Hopper Cars."

Peter Wallis, President and CEO, Van Horne Institute, introduces the lunchtime guest speaker, the Hon. Otto Lang, CEO, Centra Gas, whose address "Everything that Should be Done..." promises to be a lively musing of past, present, and future, problems and promises in the industry.

The three afternoon sessions focus on grain transport competition, change and reform.

The first two panels are chaired by Dr. Brian Oleson, (UofM). In the first session (Session 3), David Colledge, Director, Projects & Program Development, WESTAC, presents "Western Grain Handling System" and; Dr. William Wilson, Professor, North Dakota State University speaks on "Dynamic Changes in US Grain Handling."

In the second afternoon session (Session 4), exploring competitive frameworks for grain competition, Dr. Oleson introduces 1) Ron Ely, Transport Policy Analyst, Government of Saskatchewan, whose paper is titled "Open Access: the Australian Experience" and; 2) William Rennicke, Vice-President, Mercer Management Consulting, with "Rail Access and Competition Issues."
The third session (Session 5) chaired by Greg Arason, External Advisory Committee, Transport Institute (UofM) takes the form of a panel discussion, the topic is “Solutions for Reform.” Four perspectives are brought to the table: 1) Larry Maguire, President, WCWG, offers the 'farm perspective'; 2) Brian Hayward, CEO, UGG, a grain company perspective; 3) Rob Ritchie, President, Canadian Pacific Railway, a railway perspective and; Tami Reynolds, Corporate Policy, with the CWB perspective.

Dr. Ed Tychniewicz, Adjunct Professor (UofM) promises concluding thoughts on the papers and panel presentations bringing to a close the day's proceedings.

Advance registration is available, $195 per person ($165 for CTRF members), seating is limited. (Fort Garry Hotel 1-800-665-8088 room rate, $89.00 single or double.)

For more information or to register see our Web Page: http://www.umanitoba.ca/transport_institute or contact Jill Dutka at the Transport Institute, University of Manitoba, (ph. 474-9097).

**DISPATCH:**
The Transport Institute’s Public Relations Department produces this Bulletin on a quarterly basis. If you have any questions or comments or would like to be added to our mailing list, please contact, Jill Dutka at (204) 474-9097.

Editors:
M. Butt & S.J. Shurvell
Email: nbutt@cc.umanitoba.ca
shurvell@ms.umanitoba.ca
Visit our Web site at:
http://www.umanitoba.ca/transport_institute

**Transport Institute/HRDC Program in Mid-Stream**

In January 1998 the Transport Institute began a series of informal discussions with Human Resources Development Canada officials. Both groups recognized a critical niche to fill in the education and training of future employees within the transport sector.

It was found that students coming directly out of university programs have a gap in their knowledge and understanding of the transport industry.

The solution is a joint program directed at developing new skills and placing candidates in this sector of the economy.

Specifically, the Transport Institute suggested that we take 'exceptional' candidates, provide them with an opportunity to work at the Institute, to bring them 'up to speed' on many of the issues currently faced by the various sub-sectors within the industry combined with an international assignment of 3-4 months duration.

The colossal reorientation of commodity markets for Canadian goods, since NAFTA and FTA has meant that increasingly companies are looking elsewhere to increase market shares and to develop new markets.

Some require new 'intelligence', information and want to establish contacts in the US, overseas or along the Mid-Continent Corridor. Trying to 'hook up' companies, with energetic and dynamic people with a strong interest in transport logistics and special skills is one aim of the program. HRDC subsidizes this program to send the recent grads abroad.
Michael Crockatt, the first of our candidates, is currently at Texas A&M, studying air cargo strategies and airport initiatives similar to Winnport. Both CN and the BNSF are interested in working with candidates. Another likely arrangement would be a study for a highway transport company, comparing efficiencies between here and Kansas. This program provides an opportunity for your organization to profit from this experience. Research conducted abroad can be targeted to your specific needs for development. Businesses interested in working in this program should contact: Michael Butt, Research Associate (474-8735).

Recommendations of the Mid-Continent International Trade Corridor Task Force

In February 1998, the Federal Government under the leadership of the Right Honourables Ronald Duhamel, Secretary of State for Western Economic Diversification and, Lloyd Axworthy, Minister of Foreign Affairs, established a task force to identify opportunities and to develop recommendations for strengthening the trade and transportation system within Manitoba and the corridor region.

The Transport Institute served as the secretariat and research arm of the Task Force which reported its findings in early August.

Graham Dixon, Task Force Chairman, and Terry Duguid, Executive Director, led the team of 25 members from government and industry through a four-month process of meetings, interviews and presentations. The report generated 20 recommendations on issues such as: harmonization, infrastructure and investment, education and training and innovation.

The final Task Force report has been released and copies can be obtained from Jill Dutka at the Transport Institute (474-9097).

Economic Impact Study of Winnipeg International Airport

Winnipeg International Airport (YWG) is a major generator of economic activity for the City of Winnipeg and the Province of Manitoba. YWG has significant and positive influence on the local economy; providing jobs, taxes, and business revenues. The effect of this economic activity leads to further indirect and induced effects that generate millions of dollars in additional revenues. Did you know the airport provides a total impact of over 7,200 jobs, $287.5 million in airport-related expenditures and a payroll of $149.5 million?

The study captures the economic impacts for the final year preceding the commercialization of the airport to an “airport authority” and will serve as a benchmark to evaluate the effects of the airport transfer when future economic impact studies are done.

The study also assesses the airport impact on the accommodation industry, measures the economic impact of a potential night restriction, and attempts to estimate air cargo impacts from inbound and outbound cargo flights. The study was spearheaded by Scott J. Shurvell, and Barry E. Prentice. Copies can be ordered from the Transport Institute (474-9097).
Thunder Bay International Airport
“Air Cargo Village”

KMB Aviation Consulting Group and Thunder Bay International Airports Authority acquired the expertise of the Transport Institute to assess air cargo volumes and forecasts moving through the Thunder Bay region. Data on air cargo movement provides necessary information for examining airport capacity and related issues of infrastructure investment such as the establishment of a proposed warehousing facility adjacent to the airport. Scott J. Shurvell, Research Associate, and Jake M. Kosior, Senior Research Associate were engaged to provide inbound/outbound freight volumes moving through Thunder Bay Airport (YQT) while KMB Aviation Consultants provided the engineering analysis of the study.

Transport Education
Increasing Enrollment In Certificate in Logistics Program

Education in transportation and logistics in Canada has not kept pace with advances in the United States. In Canada, only one university offers a Masters level program in logistics (University of British Columbia), compared to more than 70 transport centres with programs in the United States. The discrepancy in transport education is far from the typical 1 to 10 ratio that is observed between these two neighbours. The growing gap in transport education has serious implications for the competitiveness of Canadian business.

The Transport Institute has recently embarked on a process to increase the knowledge of transportation in the business community. The Institute currently offers a Certificate in Logistics that is coordinated with the Canadian Institute of Traffic and Transportation (CITT). Students who complete the C.Log. program have most of the requirements for the nationally recognized CITT designation. Since its inception in the fall of 1997, enrolment in the C.Log. Program has grown to 136 students.

The Future

Barry Prentice, the Director of the Institute, has established the goal of developing the Institute into a Centre of Excellence in Transportation. The principle aim of this Centre will be to develop an academic program for a wide range of participants. It will include industry-specific programs such as airport and railway management, general transport and logistics training that dovetails with the CITT designation. At the more senior level, a Masters in Transportation program is envisioned.

Advances in computer-based telecommunications are shaping the future of education. The costs of distance education are falling, while the quality of instruction has greatly increased. The Transport Institute has undertaken an internal study and is forging partnerships to explore new opportunities in education. A committee has been formed with Red River College, CITT and private education consultants to assess the potential to offer C.Log. courses via the Internet. With industry, discussions have begun to examine the possibility of designing specific courses to meet transport training needs. Finally, the Upper Great Plains Transport Institute at North Dakota State University has applied for support in the US to establish ties with the
Transport Institute. All these initiatives stem from the desire to increase the professionalism of the transportation workforce, and the technological advances that now make remote learning a viable alternative to classroom-based instruction.

We would like to welcome our new students, and welcome back those who are moving closer to their C.Log.

Three courses are offered this fall:

**Logistics Fundamentals Course 924.051**

This course provides an introduction to the concepts and theory of business logistics, with particular emphasis on logistics management, the delineation of issues pertaining to the planning, organizing and controlling of transportation and logistic activities, and the development of analytical tools and problem-solving techniques used in the field of logistics.

- Anderson, Lisa*
  3M Canada
- Bartusek, Cheryl*
  Manitoba Pool Elevators
- Bjorklund, Dale*
  Kleysen Transport Ltd.
- Borodenko, Rick*
  Custom Cheques
- Chobotar, Al*
  Carte International Inc.
- Cole, Lisa*
  James Richardson Int.
- Dzaman, Roberta*
  CP Rail
- Friesen, Deborah*
  Manitoba Pool Elevators
- Jackinec, Madeline*
  Norcan Distributors
- Konitz, David*
  Westfare Foods
- Laslo, Henry
  SAAN Stores
- Martens, Gerald*
  Ricki’s
- Mitchell, Mark*
  Dakell Distributors
- Nerbas, Arron*
  UGG
- Norman, Lance*
  OmniTRAX Canada
- Nadoryk, Daniel*
  Logan Iron & Metal
- Penner, Robert*
  Reimer Express Lines
- Potter, Amanda*
  3M Canada Company
- Selk, Corinna
  Canadian Wheat Board
- Storey, Candice*
  MLCC

*New to program this fall - 18

**Economic Applications in Transportation Course 924.052**

This course provides an introduction to the concepts and applications of economic theory as applied to transportation with emphasis on the costs determining transportation supply under competitive and regulated freight rates. The course will also examine the front haul/back haul problem, the role of trade in determining the derived demand for transportation, and to demonstrate the inter-relation between transportation and economic development.

- Albanese, Pat*
  N. M. Patterson & Sons
- Connolly, Don
  DAC Transport
- Cooper, Bruce*
  K & G Foods Inc
- Driedger, Frank*
  3M Canada Company
- Duesterdiek, Karl
  Gardewine North
- Fehr, Sheldon*
  3M Canada Company
- Fitzsimmons, Neil
  Princess Auto
- Frykaz, Kellianne
  Kleysen Transport Ltd.
- Giguere, Lynda*
  Canadian Forces
- Haist, Todd*
  Broncos Rental & Leasing
- Jamieson, Frank*
  Canadian Forces
- Kauk, Bruce*
  CN Rail
- Klatt, Dawn
  The North West Company
- Klym, Sheila Lynn
  Ryan Forest
- Mitchell, Mark*
  Dakell Distributors
- Nadoryk, Daniel*
  Logan Iron & Metal
Sequeira, Errol
Victoria General Hospital
Taylor, Ed
Canadian Wheat Board
Truss, John
Gardewine North
Wightman, Reg
Highways & Transportation

*New to program this fall - 9

Risk Assessment and Safety Course 924.055

This course develops a basic understanding of the concepts and terms of risk management; trains students to identify and measure risk in your own facility and to apply general risk assessment techniques. The course provides basic information to be used as a tool for safety, training, and planning within business facilities.

Boughen, Ted
CN Rail
Clare, Stephen
Mb Rolling Mills
Frain, Barry
Trans-X
Grandpre, Randy *
Trans X
Klatt, Dawn
North West Company
Lambert, Paul *
Kleysen Transport Ltd.
Lear, David
Safeway
Mackiid, Robert
Quick Transfer
MacMillan, Dale *
Superior Cable Corp.
McCaug, Don

Atomic Transportation Ltd.
McKinley, Audra
Unicity Integrated Logistics
Nadoryk, Daniel *
Logan Iron & Metal
Scheplens, Allan
CP Rail
Stewart, Robert
MLCC
Truss, John
Gardewine North

*New to program this fall - 4

Transport Institute Publications Report: 1988 to date...

Research in the trade and transportation sectors of the economy is a major focus of the Transport Institute. The Institute has published numerous reports and collections of essays from its conferences. The following is a list of publications that the Institute has generated since 1988, still in print and available for purchase. Copies of these studies may be obtained by contacting Jill Dutka that the Transport Institute at 474-9097.


9) Barry E. Prentice et al. Perceptions of Large Trucks by Canadian Drivers. Research


