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Dr. Heaver is a citizen of Canada and the United Kingdom. He received his B.A. from Oxford University and his PhD. from Indiana University

At UBC from 1960 through 1997, Dr. Heaver was the UPS Foundation Professor of Transportation, Director of the Centre for Transportation Studies and the Chair of the Transportation and Logistics Division in the Faculty of Commerce, 1965-1997. As Chair of the Division, he played a leading role in the development of the undergraduate and graduate programmes and in expanding the Division's faculty to one with a strong international reputation. He fostered close relationships between the programmes and employers. He was instrumental in the development of the Research Forum component of the annual meeting of the Canadian Association of Logistics Management. Dr. Heaver's specialisation in the economics, management and public policy issues associated with transport and logistics is reflected in his publications. He is the author of thirteen books and monographs, over one hundred articles published in journals and as chapters in books and many unpublished studies and submissions. He is a frequent participant in conferences in Canada and overseas.

Dr. Heaver has wide experience in transportation and logistics. He has served on various advisory committees for government and industry dealing with transportation, logistics and trade issues. They include:

- The Federal Task Force on Deep Sea Shipping Policy, 1984-85.
- The Multi-Modal Council of the Transportation Association of Canada. 1986-1990.
- The Federal Transportation Services, Sectoral Advisory Group on International Trade, 1991-1994.
- The Federal Task Force on Trade Policy for the International Trade Advisory Committee, 1991-1994.
- The Vancouver International Maritime Centre, 1988-1992.
- National Research Council, Committee on the St. Lawrence Seaway: Options to eliminate Introduction of Nonindigenous Species into the Great Lakes, 2006-2008.
- The Institute for Service Industry Research, National Science Council, Naples, Italy, 2005-2010.
- Member of the Expert Panel on the Social and Economic Value of Canadian Marine Shipping in Canada for the Council of Canadian Academies, 2015 -
- Director, Vancouver International Maritime Centre, 2016 -

He has appeared before the House of Commons Standing Committee on Transport on a number of occasions as well as before the Canadian Transport Commission and other commissions. He has undertaken consulting assignments related to logistics and transportation economics, management and policy for each of the modes of transport, ports and an airport, shippers and several agencies of provincial governments and a number of departments of the Canadian government. He has served as an Arbitrator in a dispute between two railways. His involvement in transportation and logistics includes considerable international experience, including assignments in Argentina, Australia, China, Europe, and South Korea. He has undertaken projects for the World Bank and the Asia Pacific Economic Conference.

His research reflects Canadian conditions and his personal interests in the maritime industry. He played a leading role in founding the World Conference on Transport Research as a society based on the success of the organisation's meeting in Vancouver in 1986 during his chairmanship, the first meeting held outside of Europe. He continued to play a leading role in the establishment of global transport research, management

and policy organisations as a founding member of the International Association of Maritime Economists and as its President for two terms. His international recognition includes having been:

- Fellow of the Chartered Institute of Logistics and Transport;
- Chairman of the World Conference on Transport Research, (1982-1986). He is an Honorary member of the Steering Committee.
- President of the International Association of Maritime Economists (two terms, 1994-1998);
- Distinguished Member Award, American Economics Association, Transportation and Public Utilities Group, 2001.
- Co-recipient of the 2015 Onassis Prize for Shipping (with Martin Stopford).

Since 1997, he has held the following academic positions: the International Francqui Chair Professor at the University of Antwerp, April-July 1998; Visiting Professor at the University of Antwerp, February 1999 and on-going; Visiting Professor at the Institute of Transport Studies, University of Sydney, Australia, October-December 1998 and 1999; and Visiting Professor, Unit for Maritime Studies, University of Stellenbosch, South Africa, February 1998 and March 1999; Visiting Professor at the Copenhagen Business School, Denmark, 2012. Professor Heaver remains active in research at UBC.

He is a member of the Advisory Board of the Institute of Transport and Logistics Studies, University of Sydney, and an Editorial Adviser to the Asian Journal of Shipping and Logistics.

## **PUBLICATIONS**

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Submission, to the House of Commons Standing Committee on Transport on "Freedom to Move", Vancouver, November 19, 1985, pp. 9 (with T.H. Oum and M.W. Tretheway).

Submission, to the Railway Committee, Canadian Transport Commission, re the matter of freight rate parity on movements of woodpulp from origins in Western Canada to destinations in the U.S.A., March 9, 1987, pp. 2.

Submission, to the House of Commons Standing Committee on Transport, "Amendments Recommended to Bill C-18 and Bill C-19", March 16, 1987, pp. 33 (with G. Chow et al).

Submission, to the National Transportation Agency on "The Pricing Policy of VIA Rail Canada Inc.", Vancouver, March 1989, (with M.W. Tretheway).

Submission, to the Royal Commission on National Passenger Transportation, December 6, 1990, pp. 7 (with G. Chow et al).

Submission, to the Minister of Transport, on Cost Recovery Policy, February 18, 1991, pp. 11 (with G. Chow et al).

Submission, to the Industrial Advisory Group, Transport Canada, on the Shipping Conference Exemption Act, September 25, 1991, pp. 6.

Submission, The Government Task Force on CN North America, November 1994

Submission, to the U.S. Maritime Administration on the causes of Division of Cargo from U.S. East Coast Ports, November 1996, pp. 2. (Cited in the *Journal of Commerce*, 8 Jan 1997, p.16)

Submission, to the Standing Committee on Transport, Infrastructure and Communities, Parliament of Canada, on Bill C-52, 15 February, 2013

Submission to the *Canada Transportation Act* Review Committee, December 2014, pp. 19.

### **SELECTED CONSULTING STUDIES SINCE 2000**

2000: Economic Advisor to Technum, NV, Netherlands on a study for the European Commission on “Port Pricing.” The report was one input to the Commission in its consideration of a new Ports Policy.

2000: Advisor to Intervistas, Vancouver B.C., on a report on the value of Foreign Trade Zones in Canada with special reference to Hamilton Airport.

2000: The Dispatch of Labour in Ports: The Potential Application of E-Commerce Technologies, A Report to the TechBC Centre for Electronic Commerce, 26 October, 2000, pp. 15.

2001: Two papers commissioned by the Canada Transportation Act Review Panel. The first is “The Statement of National Transportation Policy: Assessment and Suggestions for Change.” The second is “The Shipping Conferences Exemption Act: Review and Suggestions of Positions Appropriate for the Panel.”

2001-2002: “Logistics in East Asia,” a report for the Development Economics Research Group, World Bank, Washington D.C. The research was presented at a conference at the Kennedy School of Government, Harvard University and subsequently was selected for inclusion in a book.

2002: Korea Maritime Institute, Seoul, commissioned a paper on “Developments in Logistics: Implications for shipping and ports in Northeast Asia.” The paper was presented and discussed at a public conference sponsored by the Institute.

2003-2004: Economic Advisor to Maritime Innovation, Rimouski, PQ, on the Ship Costs and Costing for a study for the International Joint Commission, International Lake Ontario – St. Lawrence River Study Board to develop an Economic Evaluation Model.

2003-2004: In conjunction with HLB Decision Sciences, responsible for the economic input to quantify in economic terms the effects on vessel operations of different water level and flow conditions in the Lake Ontario – St Lawrence River section of the Great Lakes – Seaway system

2004: Advisor to the Planning and Transport Research Centre, Western Australia on the development of and participation in a conference and research programme related to the logistics of inland container transport from and to the Port of Fremantle.

2004: Korea Transport Institute and the East-West Centre, Hawaii. Commissioned paper, “Regional Integration of Transportation: the NAFTA experience and implications for Northeast Asia” pp 36, for a conference on the prospects and challenges of regional integration in Northeast Asia. Also served as a discussant and panel member in final session.

2000-2005: Advisor on Shipping and Logistics to the Transportation Services Group, Naples, Italy, of the National Research Council of Italy. The work has led to a number of projects reflected in research papers of the staff and in joint publications with staff members in academic journal, in book chapters and in conference proceedings.

2005: Lead consultant in a team with W.G.Waters II and W.H.Sheffield to advise the Washington Marine Group on “Strategies and Strategic Development within the Washington Marine Group.”

2006-2007, Advisor to Maritime Innovation, Rimouski, Quebec on a project for Transport Canada, “Canada’s Fleet of Merchant Vessels – Status, Projected Changes, and Implications.”

2006-2007: InterVISTAS Consulting Inc.; Advisor on the Gateway Productivity Study for Transport Canada.

2006-2008: Transportation Research Board, Washington D.C., Member of Committee on the St. Lawrence Seaway: Options to Eliminate Introduction of Nonindigenous Species into the Great Lakes, Phase II.

2007, Keynote speaker on “Prospects and Strategies for the Development of Logistics and Related Businesses in the Northeast Asian Region,” International Forum on Logistics, World Logistics Expo, Jeonbuk, Gunsan, October 10-11.

2007-2009: British Columbia International Commercial Arbitration Centre, Member of Arbitration Panel, BNSF Railway Company v. Canadian National Railway Company.

2008: “The Implications of Changing Conditions for Port Planning,” A perspective on port planning for the Vancouver Fraser Port Authority (with P.V.Hall)

2014: “An Investigation into the Canadian Supply Chain Operational Landscape on the West Coast and the sharing of information among partners,” a report on relationships in the port community for Transport Canada, pp. 32.

2014: Advisor to Camp Fiorante Matthews Mogerman, lawyers, concerning the structure and practices of the ocean car-carrying industry.

2015: “Shipping Management and Public Policy: Needs and Opportunities. The Case of Vancouver, Canada,” a paper for the Vancouver International Maritime Centre, pp. 5.