



# ITS Canada News

## *New Board of Directors 2001 - 2002*

An overwhelming number of members demonstrated their interest in ITS Canada by voting in our 2001 - 2002 ITS Canada Board of Directors election. Of the twenty-six members who were nominated to run for a position on the ITS Canada Board, we are very pleased to announce the 16 new Directors for 2001 - 2002. Congratulations to the following new Directors:

**David Atnikov (Chair, Export Committee)**, Novax Industries  
Email: dave\_a@novax.com

**Michael Bailey (Treasurer)**, Navigation Technologies Canada  
Email: mbailey@navtech.com

**Terry Bergan**, International Road Dynamics  
Email: terry.bergan@irdinc.com

**Robert Bruce**, EIS Electronic Integrated Systems  
Email: robertbruce@rtms-by-eis.com

**Paul Frigon (Chair, Membership Services Committee)**, PSR Group  
Email: pfrigon@psrgroup.on.ca

**Milton Harmelink**, Harmelink Consulting  
Email: mdharmel@pathcom.com

**William Johnson (Secretary; Co-chair, Standards Committee)**  
Email: johnswf@attglobal.net

**Les Kelman**, City of Toronto  
Email: lkelman@city.toronto.on.ca

**Keenan Kitasaka (Chair, Programs Committee)**, TransLink  
Email: keenan\_kitasaka@translink.bc.ca

**Joseph Lam (Chairman, ITS Canada)**, Delcan Corporation  
Email: j.lam@delcan.com

**Luc Lefebvre**, Ministere des Transports du Quebec  
Email: luclefebvre@mtq.gouv.qc.ca

**Nancy Lynch**, New Brunswick Department of Transportation  
Email: nancy.lynch@gov.nb.ca

**Andrew MacIver**, University of Calgary  
Email: amaciver@ucalgary.ca

**Colin Rayman (Vice Chair, ITS Canada; Co-chair, Standards Committee)**,  
Ministry of Transportation of Ontario  
Email: colin.rayman@mto.gov.on.ca

**Scott Stewart**, IBI Group  
Email: sstewart@ibigroup.com

**Sandra Sultana**, Lockheed Martin Canada  
Email: sandra.sultana@lmco.com

Should you have any questions or concerns about ITS Canada, please feel free to contact any of the Directors at the email address listed above. The Directors anticipate an exciting year in ITS and look forward to working with you.

We would like to thank the 1999 / 2000 Board of Directors who dedicated their valuable time and effort to the Society and helped foster the development of ITS in Canada.

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# ITS Canada News

## *2001 ITS Canada AGM a Success!*

*Reported by Keenan Kitasaka  
ITS Canada Program Chair*

ITS Canada held its fourth Annual General Meeting on March 12 and 13, 2001 at the Hilton Vancouver Metrotown in Burnaby, British Columbia – the first AGM in Western Canada. By all accounts, the event was a huge success and was well attended by some 120 delegates representing over 50 agencies and 10 exhibitors. The AGM provided a venue for transportation and ITS professionals to exchange ideas, catch up on the latest program developments, and network with colleagues and potential partners. The conference also provided an important opportunity for other groups to meet including Integrated Mobility Systems (Smart Cards) and the Dedicated Short Range Communication (DSRC) Working Group.

The Board of Directors (1999 to 2000) met for the last time on Sunday March 11. Joe Lam, Chairman of ITS Canada, presented the accomplishments of the past year including the many missions and programs completed by the Board. In addition, reports on Finance and Committees were presented. The new Board of Directors (2001 to 2002) was then introduced at the AGM, setting the stage for an exciting period of progress for ITS in Canada.

### **A Distinguished Plenary Speaker**

The AGM's conference program was officially opened by Dan Doyle, Acting Deputy Minister, B.C. Ministry of Transportation and Highways who has presided over the establishment of important ITS initiatives in recent years. Dan's plenary speech touched on many innovative and interesting ITS deployments implemented by the Ministry of Transportation and Highways – use of technology to improve safety and efficiency on B.C.'s highway network.

Central to the Ministry's ITS initiatives is the Traffic Management Program pilot project, currently in the tendering process. The TMPP will provide incident management and traveller information services along over 30 kilometers of the Trans Canada Highway between North Vancouver and Surrey, right through the heart of Greater Vancouver. Another major project under development is the cross border Commercial Vehicle Operations (CVO) initiative on Highway 15,



the primary commercial port of entry between Washington State and B.C.. Dan provided the audience with wise counsel to consider when planning and programming ITS projects – that is it better to be “on top of the wave” than ahead of it.

### **A Notable Keynote**

The conference's keynote speaker was Ken Dobell, then Chief Executive Officer of TransLink and the architect of its ITS operating subsidiary. Ken's keynote presentation “*ITS: Why Are We in the Business?*” was an inspiring challenge to all attendees to remember the true customer – the users who will drive the future demand for ITS products and services. An innovative self-test revealed that few in the audience fit into future users – the Millennial Generation (1982 – present). This segment of society grew up with technology, computers, Internet, MP3 music files and global change...and represents the future ITS market. Some stunning statistics show that this generation are tech savvy, connected and online and no doubt, will push ITS demand. But how can ITS be implemented quickly in a responsible manner? Ken closed with a dose of reality that ITS needs to be administered and planned carefully to ensure that today's solutions do not become tomorrow's problems. ITS needs to support a balance between the goals of livability and mobility and be tied back to our future vision.

### **An Exciting Conference Program**

The conference featured an exciting roster of speakers - ITS professionals from coast to coast – representing a wide array of interesting ITS projects. The speakers list was a virtual “who's who” of ITS

*(Continued, p. 4)*



## *News from Transport Canada*



### **First Director of ITS at Transport Canada Moves On**

To all Members of ITS Canada,

I would like to take this opportunity to thank the ITS Canada membership and especially the Board of Directors for your support, enthusiasm and dedication to advancing the awareness of ITS across Canada. Our joint accomplishments since 1999 have been truly remarkable. We have succeeded in placing ITS on the national transportation agenda and, with the recent announcement of new funding of \$30 million, it is on a solid footing for several years to come.

Over the past two years, your contribution has been instrumental to the very successful development and implementation of Canada's ITS Plan: En Route to Intelligent Mobility and the unforgettable 6th ITS World Congress. I have particularly enjoyed meeting and getting to know you as we developed the ITS architecture for Canada and toured the country with the ITS Awareness sessions and ITS Canada General Annual meetings.

As you may know, as of May 7, 2001, I have assumed the responsibilities of Director, Rail Policy at Transport Canada. I look forward to this challenge and working with my new stakeholders. Mr. Brian Plant will be interim Director, Intelligent Transportation Systems until a new Director is appointed. Brian can be reached at (613) 991-6453 or by e-mail at: plantb@tc.gc.ca. I know that you will welcome Brian into the ITS community with the same warm reception which was extend to me.

I have thoroughly enjoyed working with all of you and I will forever cherish my experiences on the ITS file. I will always continue to promote its implementation and hope that we will have opportunities to work together in the future. Thank you all very much and I wish you the very best.

With my kindest regards,  
Helena Borges  
Director, Rail Policy  
Transport Canada

### **Transport Minister Announces Start of Negotiations on the Strategic Highway Infrastructure Program**

OTTAWA — Transport Minister David Collenette announced on April 3, 2001 the start of negotiations with the provinces and territories on the Strategic Highway Infrastructure Program (SHIP). In the February 2000 Budget Speech, the Government of Canada committed to improve the economy and the quality of life for Canadians by investing \$600 million over four years on highway infrastructure across Canada.

Transport Canada will begin negotiating immediately with the provinces and territories to identify the highway projects that will be considered a priority for funding. This will include continued twinning of parts of the Trans-Canada Highway, widening of highways, and construction of interchanges. All projects of this nature need immediate attention as a result of growing traffic, increasing trade, and the need for safety-related improvements.

*(Continued, p. 6)*

### **"A Transportation Blueprint for the Next Decade and Beyond"**

Speaking at the Vancouver Board of Trade on April 11, 2001, Honourable David Collenette, Minister of Transport, invited us "to put our minds to the task of creating a blueprint for the kind of transportation system that will take us into the next decade and beyond."

"Our goal should be nothing less than the best national transportation system in the world! A system that is safe, efficient, integrated, affordable, accessible and environmentally friendly. A system that supports our economy and our trade and stimulates competition and productivity, and that puts Canada in the forefront of technological innovation. A system that flows smoothly — through our cities and across our borders — to link us quickly and efficiently with our trading partners, and that

*(Continued, p. 6)*

## *A Note from the Chairman*

As you all know by now, Helena Borges has crossed the floor, literally speaking, to take up a new responsibility within Transport Canada, and her presence will definitely be missed in ITS circles.

I recall that on a June day in 1997, several private sector members and myself made a presentation on the virtues of ITS to Louis Ranger, then Assistant Deputy Minister of Policy Branch, and a number of his colleagues in Transport Canada. At the end of our meeting, Louis came to me and said, "Joe, this is great stuff but please give me some time. Let me find somebody in-house first to champion the cause." And what a champion he did find in Helena Borges. The rest was history.

Helena was go, go, go, right from the very start. She grasped the essence of ITS almost instantly and quickly laid out a plan to achieve her goals. In the last three years, she traversed tirelessly across the country, beating the drums of ITS. As a proactive partner, she was constantly encouraging, persuading, and sometimes pushing us to fulfil our part of the bargain, and always with such an effervescent cheerfulness that we invariably ended up doing what she asked for and feeling good about it. Her achievements are well known to all of us and need not be repeated here.

On behalf of the current and previous directors as well as the entire membership of ITS Canada, I would like to say – thank you Helena, for your wonderful help and support in the last three years and we wish you every success in your new endeavour. However, while you can take a person out of ITS, you can never take ITS out of a person, so I believe our paths will cross again. Next time you will perhaps bring a fresh vigour, a different perspective or even a new source of funding or two. We at ITS Canada are very much looking forward to this prospect. Bye for now!

*Joseph Lam  
Chairman, ITS Canada*

## **Annual Meeting** (Cont. from p. 2)

Professionals from Canada and the United States, movers and shakers all involved in ITS initiatives in Canada. Presentations included initiatives from all levels of government – Federal, Provincial, and Municipal – as well as from the private sector. The sessions included topics such as Strategic Initiatives in Canada, Policy Issues in ITS, ITS Deployments, Technical Sessions (architecture, standards, NTCIP, adaptive signal control, advanced traveller information systems & intermodal applications), Cross Border Applications, and Moving Forward with ITS. Based on the feedback from the delegates, the presentations were professional and very informative. The presentations are available on ITS Canada's web site at [www.itscanada.ca](http://www.itscanada.ca).

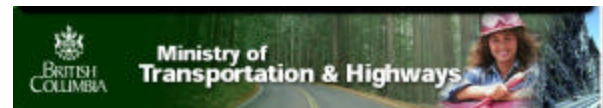
## **The Road Ahead in ITS**

The conference ended with an interesting panel discussion - members of the audience were permitted to ask panellists from the public and private sector, system integrators and service providers, - what lies ahead of us in ITS in Canada and what can we do to help progress? How can we all move forward in ITS? The responses from the panellists, from each perspective, were insightful and challenging.

After closing remarks by Joe Lam, Chairman of ITS Canada, it is clear that the future of ITS in Canada is bright indeed. It is ours to grasp and hold high as we shape our transportation future in ITS.

## **Special Thanks to Sponsors**

Finally, a very special thank you goes from the ITS Canada Board and its members to the conference sponsors without whom the 2001 AGM would not be possible. The sponsors include the B.C. Ministry of Transportation and Highways, TransLink, Insurance Corporation of British Columbia, and the Vancouver Port Authority.





# ITS Canada News

## *Export Missions*

### **ITS Canada Mission to the Republic of Ireland and the United Kingdom June 18 – 22, 2001**

The Department of Environment and Local Government and the National Roads Authority in the Republic of Ireland have extended an invitation to ITS Canada and representatives from Canadian ITS firms to meet in Dublin from June 18 to 20. In addition, ITS Canada has been invited by ITS UK to include a visit to London, June 21 – 22.

Margaret Bloodworth, Deputy Minister for Transport Canada and the Government of Canada's Investment Champion for the UK and Ireland, will be leading the delegation in partnership with ITS Canada. All members are invited to participate in this opportunity for Canadian ITS firms to meet with officials from the Republic of Ireland and the United Kingdom who are involved in ITS and to forge new partnerships with firms doing business in ITS.

This mission allows members to follow up with the Irish delegation's field visit to Toronto and Ottawa that was held last December. If you are interested in this opportunity, please contact Anna Wheeler, Policy Adviser, ITS at Transport Canada:  
Tel.: (613) 990-0352  
Email: [wheelea@tc.gc.ca](mailto:wheelea@tc.gc.ca)

### **ITS Canada Mission to the 8<sup>th</sup> World Congress on ITS in Sydney**

Due to the success of our mission to the last World Congress on ITS in Turin, both the Ministry of Transportation of Ontario (MTO) and ITS Canada have formed a joint committee. This committee will organize the mission to the 8<sup>th</sup> World Congress on ITS to be held in Sydney, Australia on September 30 – October 1, 2001. This committee will be meeting every other Monday to discuss the following program elements: conference, exhibition, networking reception, and the trade mission.

The Committee is considering potential stops for the trade mission in Australia, Malaysia, Hong Kong, India, and other southeast Asian countries depending on the delegates' interests.

Members who have already committed to the trade mission include Delcan Corporation, EIS Electronic Integrated Systems Inc., Fortran Traffic Systems, Harmelink Consulting, IBI Group, Lockheed Martin, McCormick Rankin Corporation, and the Ministry of Transportation of Ontario.

Members who are interested in being a delegate with our mission or exhibiting in ITS Canada's exhibition booth should express their interest so that we can plan accordingly. For more information about the 8<sup>th</sup> World Congress on ITS, please visit [www.itsworldcongress.org](http://www.itsworldcongress.org). To express your interest in participating in our trade mission, please email [itscanada@itscanada.ca](mailto:itscanada@itscanada.ca).

## *ITS Project News*

### **TMP in Vancouver**

British Columbia's Ministry of Transportation and Highways implementation of a Traffic Management Pilot Project (TMPP) to provide incident management and traveller information services in the Highway 1 corridor is progressing well. The TMPP is being procured on a design / build / operate / maintain basis.

Expressions of interest were received from interested

Parties in January 2001 and three Proponents have been shortlisted: Global Transportation Systems, Lockheed Martin Canada, and Transdyn Controls.

The Request for Proposal documents were released on May 1, 2001. Proponents are currently preparing their submissions.

For more information, interested parties are invited to visit the TMPP website at [www.th.gov.bc.ca/bchighways/tmpp/tmpphome.htm](http://www.th.gov.bc.ca/bchighways/tmpp/tmpphome.htm).



## Transportation Blueprint (Cont. from p. 3)

also flows smoothly and seamlessly from one mode to another — from ship to train to truck, from plane to public transit.”

He made specific references to ITS by commenting that we “need to keep our transportation infrastructure at the forefront of a global revolution in such things as Intelligent Transportation Systems (ITS). These include a host of different technologies that can improve safety, efficiency, reliability and environmental performance.”

“We are investing in a number of cost-shared ITS projects by, among other things, making sure that buses have the green light all the way. And we intend to invite proposals for more ITS projects, to help encourage “smart transportation” across this country.”

The Minister told to the audience “to be prepared to respond to innovation in other parts of the economy by continuing to look at how e-commerce and other advances are driving changes to our transportation systems.”

He also believes that “coupled with our work in innovation is the very important work that needs to be done to ensure that we have the skilled workers — including transportation engineers — who can build and operate a more modern and high-tech transportation system.”

“I think we all know that Canada can only realize its full potential if everybody can participate and contribute. We must work with private sector and other government partners to make the investments necessary to develop the skills and talents of the people of this country.”

In his concluding remarks, he said “our goal is to have the best national transportation system in the world, and I am committed to gathering ideas and opinions from Canadians on how we can achieve it. I encourage you to be part of this process — either through participation in roundtables and discussions, or by providing input directly to me and to my department.”

To read all of Minister Collenette's speaking notes, please visit,  
<http://www.tc.gc.ca/en/mediaroom/speeches/2001/20010411blueprint.htm>.

## *Updating Your Information on ITS Canada's Online Directory*

Our online membership directory was amended on February 15, 2001. We uploaded the most recent contact information and corporate profiles you provided us with to the membership directory section of this website.

Please link to Membership Lists and check whether your membership information, including primary and secondary contacts, and complete contact information is accurate. If you are a corporate member and your company profile requires updating or if it is not listed in our directory, please email us your profile of no more than 100 words.

It is important for us to continue building our online membership directory in order for people to easily search and find information about you and your interests in ITS. ITS Canada receives many calls from people requesting information about our members and their ITS capabilities. Please take advantage of this opportunity.

Should you wish to update your contact information or current profile, please send us the updated information and we will upload it to the Website as a free service for our members. Please send the changes or profile to [itscanada@itscanada.ca](mailto:itscanada@itscanada.ca).

## Strategic Highway Infrastructure Program (Cont. from p. 3)

“The funds identified under SHIP will also advance the deployment of Intelligent Transportation Systems across Canada and fund improvements to border crossings,” added Mr. Collenette.

Funding for this program was provided for in the February 2000 Budget and is therefore built into the existing financial framework.

To view the entire news release, please visit [www.tc.gc.ca/releases/nat/01\\_h044e.htm](http://www.tc.gc.ca/releases/nat/01_h044e.htm)



## *ITS Scholarships Available*

### **ITS Scholarships for Public Sector Professionals**

ITS Canada is pleased to announce the offer of five \$1,000.00 ITS scholarships to our members in the public sector, to be used towards “Intelligent Transportation Systems and Dynamic Traffic Management” seminar being offered by the Professional Development Centre at the University of Toronto (U of T). In addition, the Professional Development Centre is generously offering a 25% discount to each of the five scholarship winners. Members of ITS Canada may register for this course at a discounted rate of 10%.

It is one of ITS Canada’s strategic objectives to build knowledge in ITS across the country in partnership with various agencies. We believe that our scholarships for the U of T course will achieve this objective by enhancing the skill set of professionals in the public sector who are involved with day-to-day decisions on the procurement, management, and operation of ITS technologies.

#### **Eligibility Criteria**

To be eligible for the ITS Canada scholarship, candidates must be professionals in transportation and related disciplines who are holding or moving towards positions with ITS responsibilities in the public sector. The applicant must belong to an agency who is a corporate member of ITS Canada.

#### **How to Apply**

Public sector employees wishing to be considered for one of ITS Canada’s scholarships are required to submit an application directly to the Society. The application process requires the individual to submit a short summary designed to inform us of your previous transportation / ITS training, academic qualifications, the nature of your job responsibilities, and why you would like the scholarship. A letter of recommendation from your supervisor must also accompany the application.

Please mail your application no later than **Thursday, May 31, 2001** to:

Chairman, ITS Canada  
c/o 133 Wynford Drive  
Toronto, ON M3C 1K1

#### **Assessment Process**

The Society will enlist a small evaluation committee whereby three Board of Directors will evaluate and respond to the candidates during the first week of June 2001.

#### **Course: ITS and Dynamic Traffic Management**

This course is geared towards all transportation and transportation-related professionals such as junior to senior engineers, analysts, researchers and managers, who wish to acquire formal background in the emerging field of ITS and advanced traffic management. It is also relevant to electrical, computer, and mechanical professionals pursuing ITS related work.

Some of the topics covered will include:

- ITS user services and subsystems
- ITS Interoperability, System Architecture and Standards
- Enabling Technologies for ITS
- Introduction to Telecommunication Technologies for ITS
- Traffic Flow Modelling and Simulation
- Transport Network Modelling and Traffic Assignment
- ITS and Transportation Planning
- ITS and Sustainable Transportation Systems

Course Code: CV704W

Course Date: June 18 – 22, 2001

Course Fee: \$2215 (or \$1995 for registration before May 28)

For course details, phone (416) 946-7256 or visit [www.pdc.utoronto.ca](http://www.pdc.utoronto.ca)

## Members in the News...

### EIS Receives Major Order

EIS Electronic Integrated Systems Inc. announced that it has received an order to supply 144 RTMS radar sensors to the Connecticut Department of Transportation for the Hartford Area Management System project, which includes sections of I-91, I-84, and Route 2. The RTMS multi-zone sensors will provide traffic data to support the DOT's Incident Management System.

For more information, visit [www.rtms-by-eis.com](http://www.rtms-by-eis.com).

### Fortran Traffic Systems Graduate Scholarship in Transportation Research

Further enhancing our partnership, Fortran and the University of Toronto have created an endowment fund to support in perpetuity the Fortran Traffic Systems Graduate Scholarship in Transportation Research.

Commencing in the next academic year, the \$10,000 annual scholarship will be awarded to a doctoral stream student enrolled in the Department of Civil Engineering at the University's Faculty of Applied Science and Engineering. Preference will be given to a student in Transportation Engineering, with additional preference going to a student specializing in Intelligent Transportation Systems research.

The Faculty is one of Canada's foremost engineering schools and the Department of Civil Engineering is internationally renowned for its accomplishments in teaching and research, particularly in the area of transportation. The scholarship will enable the Faculty to identify and encourage the work of those graduate students who exhibit the maximum potential for leadership in the field of Transportation Engineering.

For further information, please visit [www.fortrantraffic.com](http://www.fortrantraffic.com).

## Upcoming Events...

### Canadian ITS Architecture Training Course, June 5 – 6, 2001, Vancouver, BC

Transport Canada, in conjunction with ITS Canada, is pleased to offer an in-depth technical training course on the Canadian ITS Architecture. Class size is limited so please register early. For further information, link to "Canadian ITS Architecture Training Course," on ITS Canada's website.

### 2001 Great Lakes International Rural ITS Systems Conference, June 27 – 28, 2001, Kalamazoo, MI

A specialty conference exploring RURAL ITS applications, projects, equipment and potential. This symposium will feature presentations, roundtable discussions, and exhibits pursuing the next frontier of ITS. For further information, please visit [www.mdot.state.mi.us/conference/ruralits/](http://www.mdot.state.mi.us/conference/ruralits/).

### ITS New York Annual Meeting, June 28 – 29, 2001, Buffalo, NY

"New York and Canada – Good Neighbours in ITS," will be the theme of this year's ITS New York Annual Meeting. There will be joint sessions on topics of common interest and a number of Canadian speakers will be featured. ITS New York has kindly offered their member discounted rate to all ITS Canada members who wish to register for this meeting. For details, link to "New York & Canada – Good Neighbours in ITS" on ITS Canada's website.

## What's Next – June Newsletter

One of the news items we are working on for the next issue is a report on further developments on our mission to the 8<sup>th</sup> World Congress on ITS.

We invite all members to contribute to this newsletter. If you have ITS news items that members may find interesting, please e-mail them to Helen Kwan at [itscanada@itscanada.ca](mailto:itscanada@itscanada.ca) no later than Friday, May 25, 2001.



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