FORM 183A

Information Required from Organizations Participating in Research Partnerships Programs

Read the instructions before completing the Form.

GENERAL INFORMATION ON THE OF	RGANIZATION						
Name of organization			Name and title of contact person at the organization				
Ericsson Canada			Pierre P Boucher, Director Research				
Mailing address			Mailing address for the contact person (only if different)				
Walling address			CANADA				
8400 Decarie Blvd.							
Montreal, QC							
CANADA H4P2N2							
1171 2112							
Telephone number Facsimile number			Telephone number Facsimile number				
1 (514) 2357948			1 (514) 3457948 1 (514) 3457982				
E-mail address			E-mail address				
pierre.boucher@ericsson.com	pierre.boucher@ericsson.com						
Is your organization Y Private sector?	Industry/F	Products and	Services Code				
4500 COMMUNICATIONS AND BROADCASTING							
Government owned? 2804 Appliances				s and consumer electronics			
Government agenc	y/department? 2801		ations equip	ment			
Is your organization X Profit-motivated	? Not-for-profit?	Web site	ricsson.com				
Canadian ownership (in percentage)		ation		Total numb	per of		
(If Applicable) /0 in Canada (If Applicable)			992 / 07 Potal number of employees in Canada 3500				
Types of products sold and/or services offered Communication solutions, mobile internet, wireless IP and data systems.				tems Total annual sales for previous year (If Applicable) \$990,000,000			
consulting				Net profit (loss) for previous year (If Applicable)			
_			Luinanan Carr	· .	io year (ii Applicable	·)	
Is your organization a parent company? X a subsidiary of? (specify) Ericsson Sweden							
RESEARCH AND DEVELOPMENT AC	TIVITIES						
Does your organization have an R&D department? Yes X			No Annual R&D expenditures				
If not, does it undertake R&D within the organization's premises?			Previous: \$317,000,000				
				current: \$317,000,000			
Number of R&D staff in Canada Scientists and technicians: 1706 R&D staff with a Ph				hD: 86 next year: \$348,680,000			
APPLICANT INFORMATION					, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Family name	Given names			Initial(s) of	all given names		
Rigby Peter				PC			
Title of proposal				Personal identification no. (PIN) 309207			
Test Prioritization and Localization at Ericsson				Appl ID (for NSERC use only)			
				/ Appl 15 (10	i NOLINO doc omy)		
ORGANIZATION'S CONTRIBUTIONS						_	
Contributions to the direct costs of	Voca 4	Voor		Vacu 2	Voor 4	Voca E	
research a) Cash contribution	Year 1	Year 2	2	Year 3	Year 4	Year 5	
,	\$15,000						
b) In-kind contribution \$15,000 Has your organization received publicly-funded support Are the				cant and co. a	innlicant(s)		
for R&D directly related to the proposed project? Yes No X			Are the applicant and co-applicant(s) at arm's length from your organization? Yes X No				
Name, title and telephone number of authorized representative of the organization				Signature Date			
Pierre Boucher, Director Research							
1 (514) 3457948							
11 (514) 2457049							





May 6th, 2015

Research Partnership Program
Natural Research and Engineering Research Council of Canada
350 Albert Street
Ottawa, ON
K1A 1H5

Subject: Letter of support for the Engage Grant application "Test Prioritization and Localization at Ericsson"

By this letter, we would like to express Ericsson's support to the Engage Grant application submitted to NSERC by Professor Peter C. Rigby from Concordia University, in Montreal, Quebec, entitled: "Test Prioritization and Localization at Ericsson".

Ericsson Ottawa R&D enthusiastically supports and agrees to this Engage proposal.

Ericsson's Radio Base Station (RBS) product is developed by a global R&D team, including many of the approximately 1000 Ericsson staff in Ottawa. The RBS product is marketed to large cellular network providers with the highest requirements for quality, stability and performance. At Ericsson, we see a priority and strong opportunity to mine our extensive software integration / test log and other data produced from our software integration engine. There is a strong potential to collaborate with Dr. Rigby to develop a mining infrastructure to improve the effectiveness of the automated quality-assurance components of our software integration engine. Dr. Rigby's team has mined and modelled similar data, but not with large scale mission-critical product integration engines. Mining of extensive test logs and correlation to other data will be new and exciting opportunities. We hope that the outcome of this research will improve the efficiency with which we find and remove product faults.

Many of the R&D projects and engineers at Ericsson Ottawa will benefit from improved fault isolation and faster test runs. Ongoing enhancements to these tools will provide future and ongoing opportunities to the Ericsson-Canada staff and projects.

Ericsson is a world leading Telecom company that employs over 100,000 employees worldwide, and over 3,000 in Canada.

Ericsson will support this project through an in-kind contribution of \$15,000 over the six month duration of the project. This contribution consists of the time invested by our specialists in interacting with Professor Rigby and his students.

We anticipate promising results from this collaboration and consider it to be the corner stone, based on which we can build further longer-term collaborations on a larger scale. We are counting on NSERC support to enable this collaboration.

Pierre Boucher Director, Research

Ericsson Canada Inc. 8400, boul. Décarie Ville Mont-Royal (Québec) H4P 2N2

Téléphone: +1 514 738 8300 Télécopieur: +1 514 738 7869



CANADA

Ericsson serves Canadian operators, enterprises and media companies by providing complete communication solutions, including mobile and fixed network infrastructure, professional services, software, broadband and multimedia solutions.

Our R&D sites fulfill worldwide mandates in the development, testing and support of wireless networks and advanced end-user multimedia services.

In 2014, Ericsson invested \$317 million in R&D in Canada, and ranks as one of the top 10 R&D investors in the country.

Ericsson Canada is a subsidiary of LM Ericsson, Sweden, and has operated in Canada since 1953; employing more than 3,500 people across the country, with offices in the Toronto, Montreal, Ottawa and Vancouver regions.

Ericsson Canada Inc. 200-2425 Matheson Blvd E Mississauga, ON L4W 5K4 Canada

Phone: +1 905 268 2005

Other locations in Canada:

- Montreal, QC
- Ottawa, ON
- Vancouver, BC

Employees: 3,500+

For more information please contact:

Patricia MacLean Director, Communications & Marketing Mobile: +1 416 414 7755 E-mail: patricia.maclean@ericsson.com Ericsson is currently building one of three Global ICT Centres in Vaudreuil-Dorion, Quebec. The site will be in operation by mid 2015 and approximately 430,000 Sq.ft. in size.

Located near our R&D Centres in Montreal and Ottawa, the Global ICT Centre will be sustainable, drastically reducing energy consumption up to 40%, and will house the company's complete portfolio while supporting a Lean and Agile way of working.

In the last three years Ericsson has completed the acquisition of three Canadian companies in key growth areas of the business.

- BelAir Networks, with a carrier-grade Wi-Fi portfolio, technological expertise, IPR and customer contracts.
- ConceptWave, delivering an end-to-end catalog-driven suite of order fulfillment automation software.
- Telcocell, expanding consulting and systems integration capabilities in converged charging and billing.

THE NETWORKED SOCIETY

In the Networked Society, connectivity will be the starting point for new ways of innovating, collaborating, and socializing. It's about creating freedom, empowerment and opportunity, transforming industries and society while helping find solutions to some of the greatest challenges facing our planet.

By 2020 we envision a world with more than 50 billion connected devices. Ericsson is bringing the Networked Society to life, where everything that can benefit from a connection, will have one.

Ericsson offers a full line of products and services including:

NETWORKS

Network infrastructure provides the fundamentals for people to communicate. Increasing mobile data traffic and use of the internet creates demand for high-performing and cost-efficient networks that deliver the best user experience. Over 1,000 networks in more than 180 countries use our network equipment, and more than 40 percent of the world's mobile traffic passes through Ericsson networks.

SUPPORT SOLUTIONS

Business Unit Support Solutions develops and delivers software-based solutions for operations and business support systems (OSS and BSS), real-time, multi-screen and on demand TV and Media solutions as well as solutions and services for the emerging M-Commerce eco-system.

GLOBAL SERVICES

Ericsson combines robust local capabilities with global expertise in consulting, systems integration, network rollout, network operation and customer support. When operators outsource service activities to Ericsson, they can focus even more on their core business of attracting, serving and retaining customers.