

Meijer, Rebecca (IC)

From: Spicer, David (IC)
Sent: December 16, 2020 4:49 PM
To: Desforges2, Benoît (IC)
Subject: RE:

Salut Benoit,

Thanks,

David

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Sent: December 16, 2020 4:43 PM
To: Spicer, David (IC) <david.spicer@canada.ca>
Subject: RE:

Hey David,

Thanks,

Benoit

From: Allan, Diane (IC) <diane.allan@canada.ca>
Sent: December 16, 2020 4:20 PM
To: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Cc: Spicer, David (IC) <david.spicer@canada.ca>
Subject: RE:

Diane Allan

President, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Diane.Allan@canada.ca / Tel: 613-952-0655 / TTY: 1-866-694-8389

Présidente, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Diane.Allan@canada.ca / Tél. : 613-952-0655 / ATS : 1-866-694-8389

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Sent: December 16, 2020 4:06 PM
To: Allan, Diane (IC) <diane.allan@canada.ca>
Subject: FW:

Diane,

Benoit

From: Desforges2, Benoît (IC)
Sent: December 16, 2020 4:02 PM
To: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Cc: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: RE:

Bonjour Myriam,

Benoit

Benoit Desforbes, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforbes2@canada.ca / Tel: 613-952-0610

Benoit Desforbes, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforbes2@canada.ca / Tél: 613-952-0610

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Sent: December 14, 2020 3:02 PM
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>
Subject: RE:

Bonjour Isabelle,

Merci beaucoup,

Myriam Pepin

Financial Analyst
Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

Analyste financière
Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Pepin, Myriam (IC)
Sent: 8 décembre 2020 07:59
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: RE:

Bonjour Isabelle,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

Sent: 8 décembre 2020 07:58

To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: RE:

Denis,

The link provided does not work for me unfortunately.

Does it work for you?

Isabelle Tremblay

Laboratory Director, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Isabelle.Tremblay2@canada.ca / Tel: 613-952-0635 /Cell: 343-550-1794

Directrice de laboratoire, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Isabelle.Tremblay2@canada.ca / Tél: 613-952-0635 /Cell: 343-550-1794

From: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Sent: December 7, 2020 4:57 PM

To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

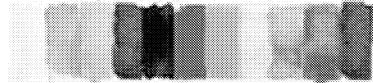
Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: RE:

Salut Isabelle;

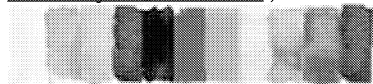
Denis Lajoie

Manager Strategic Planning and Reporting, Financial Oversight Measurement Canada
 Innovation, Science and Economic Development Canada / Government of Canada
Denis.Lajoie@canada.ca / Phone: 613-960-0662/ Cell: 343-548-0297



Positive Space Ambassador

Gestionnaire en planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
 Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Denis.Lajoie@canada.ca / Tél: 613-960-0662 / Cell.: 343-548-0297



Ambassadeur de l'Espace Positif

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Sent: December 7, 2020 2:52 PM
To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: FW:

Salut,

Myriam Pepin

Financial Analyst
 Strategic Planning and Reporting, Financial Oversight Measurement Canada
 Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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 Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebituers.ic@canada.ca>
Sent: 4 décembre 2020 14:39
To: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: FW:

Man thanks

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails

jayne.munro-ouimet@canada.ca / Tel: 1-888-301-5619 or 613-960-9355 / ATS: 1-866-694-8389

Coordinatrice, Opérations De Revenu, Mesures Canada

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada

Innovation, Sciences et Développement économique Canada / Gouvernement du Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca e-mails liés à la finance

jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: December 4, 2020 1:17 PM

To: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: RE:

Hi Jayne,

Regards

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Sent: Monday, December 7, 2020 11:00 AM

To:

Cc: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: FW:

Importance: High

Looking forward to hearing from you.

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails

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jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: October 20, 2020 11:27 PM

To: Munro-Ouimet, Jayne (IC) <jayne.munro-ouimet@canada.ca>

Subject:

—

If you require assistance or have any questions, email

Thank you in advance.

Do not reply to this unmonitored email address. Reach out directly to the contact above.

Meijer, Rebecca (IC)

From: Desforges2, Benoît (IC)
Sent: January 12, 2021 2:24 PM
To:
Cc: Jeana C. Young; Carolina Gallegos; Pepin, Myriam (IC); Lajoie, Denis (IC)
Subject: RE: ABB Information request for NDAA Section 889(a)(1)(B)

Hello

As you may be aware, Measurement Canada is a federal agency of Innovation, Science and Economic Development Canada. Our mandate is to ensure the integrity and accuracy of trade measurement in Canada through the administration and enforcement of the Weights and Measures Act and Regulations and the Electricity and Gas Inspection Act and Regulations. As part of the Canadian Federal Government, Measurement Canada follows federal law, government policies and internal technical requirements and needs in the choice of equipment and tools to perform its activities.

The services offered by Measurement Canada include inspection, accreditation, approval of devices and calibration, as well as investigating and ruling on complaints and disputes on measurement device accuracy. Measurement Canada is also responsible for setting trade measurement standards and requirements. One of the key activities related to our mandate is to ensure equity and accuracy where goods and services are bought and sold on the basis of measurement by approving measuring devices. We offer this service to Canadian and other countries' manufacturers and Measurement Canada's approval is necessary to be able to sell or install measuring technologies used in trade in Canada. Manufacturers, such as ABB, are therefore clients of Measurement Canada and not the opposite.

Therefore, based on a thorough review of your request, Measurement Canada will not be signing the document.

Do not hesitate to contact me if you have additional questions.

Best regards,

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: [redacted] <[redacted]@us.abb.com>
Sent: 5 janvier 2021 09:46
To: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>
Cc: Jeana C. Young <[redacted]@us.abb.com>; Carolina Gallegos <[redacted]@mx.abb.com>; Munro-Ouimet, Jayne (IC) <jayne.munro-ouimet@canada.ca>
Subject: RE: ABB Information request for NDAA Section 889(a)(1)(B)

Hello,

Have you received any response from your lab team or can you let us know when we can expect the completed form from them?

Thank you,



**Minister of Innovation, Science and Industry
Ministre de l'Innovation, des Sciences et de l'Industrie**

<input type="checkbox"/> Secret	Correspondence/Correspondance		Docket No. / N° du chemise
<input type="checkbox"/> Urgent			0338189
Lead / Secteur: STS	Rec. date / Date recue: 2021-03-11	Doc. Date / Date dos: 2021-03-03	Due / Date d'échéance: 2021-03-26
<input type="checkbox"/> X-ref:			
Issue:			
Author Type: GENERAL PUBLIC			
Priority: 3			
Comments:			

<u>Task / Tâche</u>			
<input type="checkbox"/> VIP Draft Reply Projet de réponse	<input checked="" type="checkbox"/> Draft Reply Projet de réponse	<input type="checkbox"/> Virtual Meeting/Réunion virtuelle	<input type="checkbox"/> Invitation
<input type="checkbox"/> Direct Reply Réponses directes	<input type="checkbox"/> Recommendation Recommandation	<input type="checkbox"/> Meeting/Réunion	
<input type="checkbox"/> Transfer/Transfert:	<input type="checkbox"/> Information Information	Location : _____	
<input type="checkbox"/> Other _____		Date: _____	

<p>Synopsis (E):</p> <p>REFERRED BY TIM UPPAL - WRITING WITH CONCERNS REGARDING THE ROLLOUT OF 5G TECHNOLOGY</p> <p>Synopsis (F):</p>

Analyst / Analyste: D.C.

From: Racine, Diane (IC)
Sent: March 11, 2021 9:05 AM
To: OCS ANALYSTS / BSG ANALYSTES (IC)
Subject: FW: IC scan to Email / Numerisation vers courriel IC
Attachments: IC scan to Email _ Numerisation vers courriel IC.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Draft Reply

MIN-ISI for Draft

FROM THE DESK OF
HON. TIM S. UPPAL
EDMONTON MILL WOODS

March 3rd, 2021

The Honourable François-Philippe Champagne
Minister of Innovation, Science and Industry
C.D. Howe Building
235 Queen Street
Ottawa, Ontario
Canada
K1A 0H5

Dear Minister Champagne,

One of my constituents, presented our office with concerns about the rollout of 5G.

Please see concerns in the email attached to this letter.

Please contact directly at

Sincerely,



Hon. Tim S. Uppal, P.C.
Member of Parliament for Edmonton Mill Woods

/encl. Please find enclosed concerns with 5G.

From:
Sent: February 4, 2021 8:50 AM
To: Uppal, Tim - M.P. <Tim.Uppal@parl.gc.ca>

Additionally, please note, this issue of 5G and EMF dangers is not recently discovered. Attached you will see appeals from scientists from 2015 (Brussels report) to current times of Nov. 2020 (International Report) and I have much, MUCH more information available. How serious are you about knowing the truth and sharing it with the public? How seriously will you investigate this issue?

On Thu, Feb 4, 2021 at 8:13 AM

wrote:

Hello.

I noticed when I double checked and clicked on the link I sent, once again, the page was no longer available.

The 'powers that be' are wiping away anything on the internet that does NOT go with the agenda. It is equivalent (or even worse) to burning books. Academic papers are being altered and information is being deleted. This should set off alarm bells to you.

Once you double and triple check my attachment, please respond accordingly.

On Thu, Feb 4, 2021 at 8:01 AM

wrote:

Perhaps you or someone in your office could spend time searching for information that presents 5G and EMFs in general as dangerous. Looking at only your side of the coin is neglectful. Looking at the other would be due diligence...or you can wait for the public to give you more info as well. Seems a little passive to me, but I am more than glad to share info if you will READ IT and FOLLOW UP.

Attached is JUST one (of hundreds!) more information source that may be of interest.

See if you can find fault with that one and I look forward to hearing back.

Kind Regards

<https://ehtrust.org/wp-content/uploads/Scientist-5G-appeal-2017.pdf>

P.S. I am not sure you know much about 5G and where it is right now. Are you aware Huawei partnered with Telus right here in Edmonton? Aside from inviting 5G into our city (Whyte Avenue as a test ground), Edmonton invited China into our own backyard and tech infrastructure. It seems to me, you need to know more information before replying with misinformation yourself. Mind you, it was CTV, CBC, the Edmonton Journal, Global News and others who reported on this story.....so indeed, it could be 'misinformation'....or you could be covering it up. Regardless, it's public knowledge and I am surprised you either don't know it (bad showing for public officials to GIVE misinformation that AFFECTS LIFE) or don't want to acknowledge it. Please let me know if you need links or further information for this as well.

Meijer, Rebecca (IC)

From: Champagne, Gaetan (IC)
Sent: November 18, 2020 5:10 PM
To: Warsaba, David (IC); Mitchell2, Cameron (IC)
Cc: Tremblay2, Genevieve (IC); Maia, Ana (IC)
Subject: Heads up: Tuesday, November 17 Opposition Day - China/5G - Due to DCL by Monday 12pm

Please be advised that the vote on the motion below took place this afternoon. **The motion carried 179-146.**

November 12, 2020 — Mr. Chong (Wellington—Halton Hills) — That, given that (i) the People's Republic of China, under the leadership of the Chinese Communist Party, is threatening Canada's national interest and our values, including Canadians of Chinese origin within Canada's borders, (ii) it is essential that Canada have a strong and principled foreign policy backed by action in concert with its allies, the House call upon the government to: (a) make a decision on Huawei's involvement in Canada's 5G network within 30 days of the adoption of this motion; and (b) develop a robust plan, as Australia has done, to combat China's growing foreign operations here in Canada and its increasing intimidation of Canadians living in Canada, and table it within 30 days of the adoption of this motion.

GAC is seeking PCO guidance on how this might implicate GAC, and will update date you as soon as possible.

Be aware I am sharing this a 'heads up'. I presume that ISED will be implicated.

Gman

Meijer, Rebecca (IC)

From: Harrington, Shaun (IC)
Sent: December 17, 2020 1:19 PM
To: Desforgeries2, Benoît (IC)
Cc: Joanisse, Steve (IC); Ransom, Julie (IC)
Subject: FW:
Attachments:

Importance: High

Bonjour Benoit,

Thank you,

Shaun

From: Desforgeries2, Benoît (IC) <benoit.desforgeries2@canada.ca>
Sent: December 17, 2020 12:08 PM
To: Labelle, Anna Marie (IC) <annamarie.labelle@canada.ca>
Cc: Spicer, David (IC) <david.spicer@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject:
Importance: High

Bonjour Anna Marie,

Merci,

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Sent: December 14, 2020 3:02 PM

To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

Subject: RE:

Bonjour Isabelle,

Merci beaucoup,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

Analyste financière

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Pepin, Myriam (IC)
Sent: 8 décembre 2020 07:59
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: RE:

Bonjour Isabelle,

Myriam Pepin

Financial Analyst
Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
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myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>
Sent: 8 décembre 2020 07:58
To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: RE:

Denis,

The link provided does not work for me unfortunately.

Does it work for you?

Isabelle Tremblay

Laboratory Director, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Isabelle.Tremblay2@canada.ca / Tel: 613-952-0635 /Cell: 343-550-1794

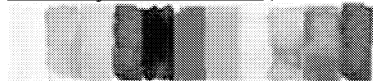
Directrice de laboratoire, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Isabelle.Tremblay2@canada.ca / Tél: 613-952-0635 /Cell: 343-550-1794

From: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Sent: December 7, 2020 4:57 PM
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>
Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: RE:

Salut Isabelle;

Denis Lajoie

Manager Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Denis.Lajoie@canada.ca / Phone: 613-960-0662/ Cell: 343-548-0297



Positive Space Ambassador

Gestionnaire en planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Denis.Lajoie@canada.ca / Tél: 613-960-0662 / Cell.: 343-548-0297



Ambassadeur de l'Espace Positif

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Sent: December 7, 2020 2:52 PM
To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: FW:

Salut,

Myriam Pepin

Financial Analyst
Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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myriam.pepin@canada.ca / Tél. : 343-542-5650

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>
Sent: 4 décembre 2020 14:39
To: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: FW:

Man thanks

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails

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Coordinatrice, Opérations De Revenu, Mesures Canada

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada

Innovation, Sciences et Développement économique Canada / Gouvernement du Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca e-mails liés à la finance

jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: December 4, 2020 1:17 PM

To: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: RE:

Hi Jayne,

Regards

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Sent

To:

Cc: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject:

Importance: High

This email originated from **outside** of your organization. Please do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello

Looking forward to hearing from you.

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

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jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: October 20, 2020 11:27 PM

To: Munro-Ouimet, Jayne (IC) <jayne.munro-ouimet@canada.ca>

Subject:

If you require assistance or have any questions, email _____

Thank you in advance.

Do not reply to this unmonitored email address. Reach out directly to the contact above.

**Pages 24 to / à 30
are withheld pursuant to section
sont retenues en vertu de l'article**

23

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Meijer, Rebecca (IC)

From: Harrington, Shaun (IC)
Sent: December 17, 2020 2:43 PM
To: Desforges2, Benoît (IC)
Cc: Joannis, Steve (IC); Ransom, Julie (IC)
Subject: RE:

Thanks,

Shaun

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Sent: December 17, 2020 2:16 PM
To: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Cc: Joannis, Steve (IC) <steve.joannis@canada.ca>; Ransom, Julie (IC) <julie.ransom@canada.ca>
Subject: RE:

Hello Shaun,

Thanks

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Sent: December 17, 2020 1:19 PM
To: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>

Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>; Ransom, Julie (IC) <julie.ransom@canada.ca>

Subject: FW:

Importance: High

Bonjour Benoit,

Thank you,

Shaun

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>

Sent: December 17, 2020 12:08 PM

To: Labelle, Anna Marie (IC) <annamarie.labelle@canada.ca>

Cc: Spicer, David (IC) <david.spicer@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Subject:

Importance: High

Bonjour Anna Marie,

Merci,

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Sent: December 14, 2020 3:02 PM
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>
Subject: RE:

Bonjour Isabelle,

Merci beaucoup,

Myriam Pepin

Financial Analyst
Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

Analyste financière
Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Pepin, Myriam (IC)
Sent: 8 décembre 2020 07:59
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: RE:

Bonjour Isabelle,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

Sent: 8 décembre 2020 07:58

To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: RE:

Denis,

The link provided does not work for me unfortunately.

Does it work for you?

Isabelle Tremblay

Laboratory Director, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Isabelle.Tremblay2@canada.ca / Tel: 613-952-0635 /Cell: 343-550-1794

Directrice de laboratoire, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Isabelle.Tremblay2@canada.ca / Tél: 613-952-0635 /Cell: 343-550-1794

From: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Sent: December 7, 2020 4:57 PM

To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

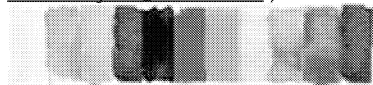
Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: RE:

Salut Isabelle;

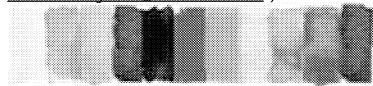
Denis Lajoie

Manager Strategic Planning and Reporting, Financial Oversight Measurement Canada
 Innovation, Science and Economic Development Canada / Government of Canada
Denis.Lajoie@canada.ca / Phone: 613-960-0662/ Cell: 343-548-0297



Positive Space Ambassador

Gestionnaire en planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
 Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Denis.Lajoie@canada.ca / Tél: 613-960-0662 / Cell.: 343-548-0297



Ambassadeur de l'Espace Positif

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Sent: December 7, 2020 2:52 PM

To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Subject: FW:

Salut,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
 Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

Analyste financière

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
 Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: MC Receivables / MC débiteurs (IC) <ic.mcreceivables-mcdebituers.ic@canada.ca>

Sent: 4 décembre 2020 14:39

To: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: FW:

Man thanks

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails

jayne.munro-ouimet@canada.ca / Tel: 1-888-301-5619 or 613-960-9355 / ATS: 1-866-694-8389

Coordinatrice, Opérations De Revenu, Mesures Canada

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada

Innovation, Sciences et Développement économique Canada / Gouvernement du Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca e-mails liés à la finance

jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: December 4, 2020 1:17 PM

To: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: RE:

Hi Jayne,

Regards

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Sent:

To:

Cc: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: FW:

Importance: High

This email originated from **outside** of your organization. Please do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello

Looking forward to hearing from you.

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails

jayne.munro-ouimet@canada.ca / Tel: 1-888-301-5619 or 613-960-9355 / ATS: 1-866-694-8389

Coordinatrice, Opérations De Revenu, Mesures Canada

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada

From:

Sent: October 20, 2020 11:27 PM

To: Munro-Ouimet, Jayne (IC) <jayne.munro-ouimet@canada.ca>

Subject:

—

If you require assistance or have any questions, email

Thank you in advance.

Do not reply to this unmonitored email address. Reach out directly to the contact above.

Meijer, Rebecca (IC)

From: Desforges2, Benoît (IC)
Sent: December 31, 2020 2:31 PM
To: Harrington, Shaun (IC)
Cc: Joannis, Steve (IC)
Subject: RE: '

Hello Shaun

Thanks

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Sent: December 29, 2020 10:03 AM
To: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Cc: Joannis, Steve (IC) <steve.joannis@canada.ca>
Subject: RE:

Thank you Benoit.

Thanks again,

Shaun

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>

Sent: December 29, 2020 9:05 AM

To: Harrington, Shaun (IC) <shaun.harrington@canada.ca>

Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>

Subject: RE:

Hello Shaun

Thanks

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada

Innovation, Sciences et Développement économique Canada / Gouvernement du Canada

benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Sent: December 22, 2020 3:07 PM
To: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>
Subject: RE:

Hi Benoit,

Thanks,

Shaun

From: Harrington, Shaun (IC)
Sent: December 17, 2020 2:43 PM
To: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>; Ransom, Julie (IC) <julie.ransom@canada.ca>
Subject: RE:

Thanks,

Shaun

From: Desforges2, Benoît (IC) <benoit.desforges2@canada.ca>
Sent: December 17, 2020 2:16 PM
To: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>; Ransom, Julie (IC) <julie.ransom@canada.ca>
Subject: RE:

Hello Shaun,

Thanks

Benoit

Benoit Desforbes, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforbes2@canada.ca / Tel: 613-952-0610

Benoit Desforbes, ing., M.Sc.

Vice-président, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforbes2@canada.ca / Tél: 613-952-0610

From: Harrington, Shaun (IC) <shaun.harrington@canada.ca>
Sent: December 17, 2020 1:19 PM
To: Desforbes2, Benoît (IC) <benoit.desforbes2@canada.ca>
Cc: Joanisse, Steve (IC) <steve.joanisse@canada.ca>; Ransom, Julie (IC) <julie.ransom@canada.ca>
Subject: FW:
Importance: High

Bonjour Benoit,

Thank you,

Shaun

From: Desforbes2, Benoît (IC) <benoit.desforbes2@canada.ca>
Sent: December 17, 2020 12:08 PM
To: Labelle, Anna Marie (IC) <annamarie.labelle@canada.ca>
Cc: Spicer, David (IC) <david.spicer@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject:
Importance: High

Bonjour Anna Marie,

Merci,

Benoit

Benoit Desforges, P.Eng., M.Sc.

Vice-President, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
benoit.desforges2@canada.ca / Tel: 613-952-0610

Benoit Desforges, ing., M.Sc.

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
benoit.desforges2@canada.ca / Tél: 613-952-0610

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Sent: December 14, 2020 3:02 PM

To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

Subject: RE:

Bonjour Isabelle,

Merci beaucoup,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

Analyste financière

Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Pepin, Myriam (IC)

Sent: 8 décembre 2020 07:59

To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>; Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Subject: RE:

Bonjour Isabelle,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>

Sent: 8 décembre 2020 07:58

To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>

Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>

Subject: RE:

Denis,

The link provided does not work for me unfortunately.

Does it work for you?

Isabelle Tremblay

Laboratory Director, Engineering and Laboratory Services Directorate, Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Isabelle.Tremblay2@canada.ca / Tel: 613-952-0635 /Cell: 343-550-1794

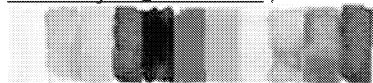
Directrice de laboratoire, Direction de l'ingénierie et des services de laboratoire, Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Isabelle.Tremblay2@canada.ca / Tél: 613-952-0635 /Cell: 343-550-1794

From: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Sent: December 7, 2020 4:57 PM
To: Tremblay2, Isabelle (IC) <isabelle.tremblay2@canada.ca>
Cc: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: RE:

Salut Isabelle;

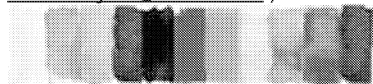
Denis Lajoie

Manager Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
Denis.Lajoie@canada.ca / Phone: 613-960-0662/ Cell: 343-548-0297



Positive Space Ambassador

Gestionnaire en planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Denis.Lajoie@canada.ca / Tél: 613-960-0662 / Cell.: 343-548-0297



Ambassadeur de l'Espace Positif

From: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Sent: December 7, 2020 2:52 PM
To: Lajoie, Denis (IC) <denis.lajoie@canada.ca>
Subject: FW:

Salut,

Myriam Pepin

Financial Analyst

Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
myriam.pepin@canada.ca / Tel: 343-542-5650

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
myriam.pepin@canada.ca / Tél. : 343-542-5650

From: MC Receivables / MC débiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>
Sent: 4 décembre 2020 14:39
To: Pepin, Myriam (IC) <myriam.pepin@canada.ca>
Subject: FW:

Man thanks

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations
Strategic Planning and Reporting, Financial Oversight Measurement Canada
Innovation, Science and Economic Development Canada / Government of Canada
ic.mcreceivables-mcdebiteurs.ic@canada.ca for finance related emails
jayne.munro-ouimet@canada.ca / Tel: 1-888-301-5619 or 613-960-9355 / ATS: 1-866-694-8389

Coordinatrice, Opérations De Revenu, Mesures Canada
Planification stratégique et rapport ministériel, Surveillance financière Mesures Canada
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
ic.mcreceivables-mcdebiteurs.ic@canada.ca e-mails liés à la finance
jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From: '
Sent: December 4, 2020 1:17 PM
To: MC Receivables / MC débiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>
Subject: RE:

Hi Jayne,

Regards

From: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Sent:

To: Carolina Gallegos <carolina.gallegos@mx.abb.com>

Cc: MC Receivables / MC debiteurs (IC) <ic.mcreceivables-mcdebiteurs.ic@canada.ca>

Subject: FW:

Importance: High

Looking forward to hearing from you.

Regards,

Jayne Munro-Ouimet

Co-ordinator, Revenue Operations

Strategic Planning and Reporting, Financial Oversight Measurement Canada

Innovation, Science and Economic Development Canada / Government of Canada

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Innovation, Sciences et Développement économique Canada / Gouvernement du Canada

ic.mcreceivables-mcdebiteurs.ic@canada.ca e-mails liés à la finance

jayne.munro-ouimet@canada.ca / Tél: 1-888-301-5619 ou 613-960-9355 / ATS: 1-866-694-8389

From:

Sent: October 20, 2020 11:27 PM

To: Munro-Ouimet, Jayne (IC) <jayne.munro-ouimet@canada.ca>

Subject:

If you require assistance or have any questions, email [\[redacted\]](#)

Thank you in advance.

Do not reply to this unmonitored email address. Reach out directly to the contact above.

Meijer, Rebecca (IC)

From: Joanisse, Steve (IC)
Sent: January 8, 2021 3:12 PM
To: Desforges2, Benoît (IC)
Cc: Harrington, Shaun (IC)
Subject:

Follow Up Flag: Follow up
Flag Status: Completed

Hi Benoit,

Steve Joanisse

**Counsel, ISED Legal Services
Innovation, Science and Economic Development Canada / Government of Canada
steve.joanisse@canada.ca / Tel: 343-291-1724 / TTY: 1-866-694-8389**

Avocat, Services juridiques d'ISDE

Beauchamp2, Chantale (IC)

From: Proulx, Martin (IC)
Sent: March 17, 2021 5:13 PM
To: Dagenais, Eric (IC); Scott, Adam (IC); Willis3, David (IC); Burns, James (IC); Lynch, Erin (IC); Vincent, Charles (IC); Kwan, Wen (IC); Arbour, Andre (IC)
Subject: Nokia cutting 10,000 Jobs

Nokia to make 10,000 job cuts by 2023 (capacitymedia.com)

Thoughts:

1 -

2 – Nokia also announced new partnerships with the Big 3 cloud providers M/S, AWS and Google.

Martin

Beauchamp2, Chantale (IC)

From: Proulx, Martin (IC)
Sent: March 26, 2021 1:33 PM
To: Dagenais, Eric (IC); Scott, Adam (IC); Willis3, David (IC); Vincent, Charles (IC); Lynch, Erin (IC); Kwan, Wen (IC); Burns, James (IC)
Subject: A peak into 6G World

6G is getting messy and crowded

Anyone who expects to survive the coronavirus pandemic, another decade of global warming and some likely bust-ups between China and the US has by now stopped worrying too much about 5G and put their sharpest minds on its successor. That includes the usual mobile technology eggheads – Ericsson, Huawei, Nokia, Qualcomm, Samsung, ZTE, *et al.* More interesting is the possibility that other faces make a stronger impression on 6G than they ever did on older generations.

Orange, France's partly state-owned telecom operator, is a candidate. It is already no *étranger* to research and development, spending about €672 million (US\$792 million) on this in 2019 (data for 2020 is not yet available). While just a fraction of Ericsson's \$4.6 billion annual budget, that puts Orange in select company, it insists.

Orange CEO Stephane Richard spends more on R&D than most of his peers.

"In the world, there may be only four or five major operators maintaining strong investments in applied research," said Nicolas Demassieux, the senior vice president of Orange Labs Research, during a webinar this week. "You have AT&T in the US, DoCoMo in Japan, China Telecom in China and Orange in Europe. More or less, at that level, that's it."

Geopolitics, health crises and environmental worries mean investment has never looked so important. "The world is getting more complex and unpredictable," Demassieux told analysts and reporters. Having a major R&D unit is a kind of "health insurance" in an "uncertain world," he said.

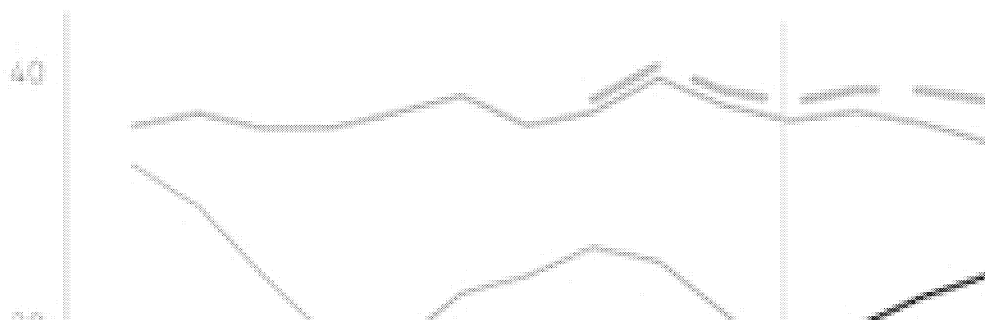
Patent wars

The prospect of further clashes over intellectual property partly explains the interest. Ericsson has warned investors that a patent dispute with Samsung could wipe between \$120 million and \$180 million off quarterly operating profits starting in the January-to-March period. China was largely absent from 3G and 4G, but its role in the 5G standard and willingness to litigate scares Westerners. Huawei, its biggest vendor, has already sued Verizon, America's largest mobile operator, for patent infringement.

Building up an arsenal of patents offers protection against trolls and aggressors and allows Orange to hit back, said Demassieux. "We have the idea that, yes, we can go to a Chinese maker infringing IP [intellectual property] and get revenue from them," he explained. "The most important thing is not

revenue but freedom of action. The world is getting very tense with battles between patent trolls and large companies who are actually attacking each other using IP as a weapon."

Radio technology product and services market in €B, excluding mainland China



Source: Nokia market intelligence.

Orange already boasts a portfolio of about 9,000 technology patents and reckons some of its 5G ones fall under the "standard-essential" category. Those would naturally come into play if it were being chased for royalty payments or even sued like Verizon, giving Orange an important means of fighting back.

The notion of a 6G standard featuring more contributors than 5G ever had will certainly hold some appeal. Various patent rankings disagree on which companies are most important to 5G, but all of them show a relatively small number of mainly big players are behind its development. A longer list of contributors would naturally weaken the influence of those players. That sounds like a healthier state of affairs.

Want to know more about 5G? Check out our [dedicated 5G content channel](#) here on Light Reading.

The danger is that it slows down the development of a global standard, heightens the risk of 6G fragmentation and embroils more companies in IP disputes. Several regional initiatives have already taken shape, including Europe's Hexa-X project (involving Ericsson, Nokia and Orange, among others) and the North American Next G Alliance (featuring the Nordic vendors plus just about everyone in US mobile). Eric Xu, one of Huawei's bosses, said he was preoccupied with 6G as long ago as February 2019, weeks after the arrest of Meng Wanzhou, Huawei's chief financial officer, in Canada.

Moreover, while Demassieux may be right that only a handful of operators are seriously involved in R&D today, plenty seem determined to wrest some control from suppliers and third parties. Nick Read, the boss of Vodafone, has recently spoken of his desire to "insource" the operator's IT development engineering capability. "We are really going to scale that to develop our own IP to make our differentiation stronger," he told analysts on a call.

Cast of thousands

All this means it will be even harder to agree on the basic parameters of the next standard. Right now, some tension is evident between those who want 6G to follow the normal pattern of improving on the previous generation and blue-sky thinkers with a much bolder vision. The latter group includes

several prominent academics at the UK's University of Surrey, who dream that future 6G-based virtual reality systems might allow people to taste, touch and smell as well as to see and hear.

Demassieux appears to have one foot in each camp. Besides wanting 6G to bring higher speeds, lower latency, more capacity and all the usual improvements, he thinks society's need for more energy-efficient technology could be just as important. Orange also plans consultations with public authorities about future requirements. "What are going to be the problems ten years from now?" he said.

The challenge will be to exert influence when others, including much bigger firms, have their own 6G priorities. Demassieux is optimistic. Orange was able to force energy efficiency up the 6G agenda, he said, even though it was not in the interests of equipment makers. "When we pushed the envelope on the 5G energy part, we were a lone voice," he said. "The short-term interest of the manufacturer is to sell more equipment and more power-hungry equipment because it allows them to sell power supplies."

But if conflicting interests were an issue in 5G, they may be an even bigger one in 6G. The nightmare scenario for today's 5G equipment vendors is fragmentation and the emergence of not one standard but two or even three. The industry has been there before, when 2G, 3G and even 4G technologies were born, but might have assumed those days were over before Donald Trump took office. Their return would alter the 6G landscape dramatically.

From: [DGEPS - DG Office / DGGPN - Bureau du DG \(IC\)](#)
Sent: October 22, 2020 3:42 PM
To: [Proulx, Martin \(IC\)](#)
Cc: [Kwan, Wen \(IC/IC\) \(wen.kwan@canada.ca\)](#)
Subject: FW: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre
Attachments: ISED response to Q-136.docx; Blanket S of C - Form (ENG) -- Q-136 v2.doc; Checklist Q-136.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Martin,

Seeking your feedback and approval on the attached response for Q-136 regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre provided by the ICTR team. As Wen mentions below, they have also been reviewed and approved by SIPS.

Our response is due to ADMO Oct 26th at 4:00 p.m.

Thank you,
Sheena

From: Kwan, Wen (IC) <wen.kwan@canada.ca>
Sent: October 22, 2020 3:34 PM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Cc: Palmer, Randall (IC) <randall.palmer@canada.ca>; Gibson, David (IC) <david.gibson@canada.ca>
Subject: FW: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Sheena, with thanks to Randall, attached please find proposed responses – these have been reviewed with SIPS as well.

From: Kwan, Wen (IC) <wen.kwan@canada.ca>
Sent: October 14, 2020 9:15 PM
To: Palmer, Randall (IC) <randall.palmer@canada.ca>
Cc: Gibson, David (IC) <david.gibson@canada.ca>
Subject: Fwd: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Randall, can you take a first crack at it please? We can discuss before going too deep.
Thanks.

Begin forwarded message:

From: "DGEPS - DG Office / DGGPN - Bureau du DG (IC)" <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Date: October 14, 2020 at 12:12:05 PM EDT
To: "Kwan, Wen (IC)" <wen.kwan@canada.ca>
Cc: "Proulx, Martin (IC)" <martin.proulx@canada.ca>, "DGEPS - DG Office / DGGPN - Bureau du DG (IC)" <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Subject: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Hello Wen,

Please see Q-136 regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre.

Please provide your input **by EOD, October 23rd, 2020** for DG review and approval or if you believe this belongs to another group or sector, please advise as soon as possible so we can redirect the request.

Thank you,
Sheena

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
Sent: October 14, 2020 12:03 PM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>; Mitchell2, Cameron (IC) <cameron.mitchell2@canada.ca>
Subject: FW: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Hi DGEPS,

Please see below Parl. Affairs request to provide a response to new Parliamentary question (Q-136) re. the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre.

Note: We are required to complete the checklist and the SOC or the blanket SOC along with our final response. (Notice and instructions are enclosed below)

Due to ADMO 4 p.m. Oct 26th

Thank you,
Marwa

From: Parliamentary Affairs Requests - Requêtes (IC)
<ic.parliamentaryaffairsrequests-requetes.ic@canada.ca>
Sent: October 14, 2020 11:51 AM
To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>; IC.O SIPS ADMO / SMA SSPI O.IC <IC.SPS.ADMO-SMA.SPS.IC@canada.ca>; ACOA.F Parliamentary Affairs-Affaires Parlementaires F.APECA <acoa.parliamentaryaffairs-affairesparlementaires.apeca@canada.ca>; CanNor Parliamentary Affairs / CanNor Affaires Parlementaires (CANNOR) <cannor.cannorparliamentaryaffairs-cannoraffairesparlementaires.cannor@canada.ca>; David, Claudia (CANNOR) <claudia.david@canada.ca>; Snow, Marianne (CANNOR) <marianne.snow@canada.ca>; Korolus, Sabrina (CB/CDA) <sabrina.korolus@cb-cda.gc.ca>; Taylor, Lara (CB/CDA) <lara.taylor@cb-cda.gc.ca>; Parl (DEC/CED) <dec.parl.ced@canada.ca>; Bordeleau, Stephane (DEC/CED) <stephane.bordeleau@canada.ca>; Labrecque, Simon (DEC/CED) <simon.labrecque@canada.ca>; Lavoie, Sophie (DEC/CED) <sophie.lavoie@canada.ca>; Chayer, Émilie (DEC/CED) <emilie.chayer@canada.ca>; CorrespondancepresidentASC-CSApresidentcorrespondence (ASC/CSA) <asc.correspondancepresidentasc-csapresidentcorrespondence.csa@canada.ca>; Parliamentary Returns (FDO) <fdo.parliamentaryreturns.fdo@canada.ca>; NRC-ParliamentaryAffairs-Affairesparlementaires-CNRC@nrc-cnrc.gc.ca; <Marcel.Turcot@nrc-cnrc.gc.ca>; <Patricia.Pelletier@nserc-crsng.gc.ca>; <Philip.MacFie@NSERC-CRSNG.GC.CA>; <Erika.Bilodeau@nserc-crsng.gc.ca>; <ParliamentaryAffairs-Affairesparlementaires@sshrc-crsh.gc.ca>; sc affaires-parlementaires-et-du-cabinet / parl-affairs-and-cabinet (STATCAN) <statcan.scaffaires-parlementaires-et-du-cabinet-parl-affairs-and-cabinet.statcan@canada.ca>; Makischuk, Celine (STATCAN) <celine.makischuk@canada.ca>; Boisvert, Étienne (STATCAN) <etienne.boisvert@canada.ca>; PARCA/PARCA (WD/DEO) <WD.parca-parca.DEO@canada.ca>
Cc: Gennaro, Miriam (IC) <miriam.gennaro@canada.ca>; Lewis, James (IC) <james.lewis@canada.ca>; Sandhar-Cruz, Paul (IC) <paul.sandhar-cruz@canada.ca>; SCMS-Parliamentary Affairs / Affaires-parlementaires-SCSM (IC) <ic.scms-parliamentaryaffairs-affaires-parlementaires-scsm.ic@canada.ca>; ATIP-AIPRP (IC) <ic.atip-aiprpa.ic@canada.ca>; Tremblay2, Genevieve (IC) <genevieve.tremblay2@canada.ca>; Parsons, Chris (IC) <chris.parsons@canada.ca>; Titley, Mélanie (IC) <melanie.titley@canada.ca>; Champagne, Gaetan (IC) <gaetan.champagne@canada.ca>; Charette, Robert (IC) <robert.charette@canada.ca>
Subject: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Hello / Bonjour,

The Minister is required to provide a response to part (b) of **Q-136**. / Le ministre est tenu de fournir une réponse à la parti (b) de **Q-136**.

Q-136² — October 7, 2020 — Mr. Dalton (Pitt Meadows-Maple Ridge) — With regard to the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre, which indicated that Huawei 5G technology could put national security at risk: (a) has the Canadian Centre for Cyber Security conducted its own Huawei risk assessment, and, if so, what were the results; and **(b) has any other government department or agency conducted a risk assessment in relation to Huawei, and, if so, what are the details, including the scope of the assessment and the results?**

Q-136² — 7 octobre 2020 — Mr. Dalton (Pitt Meadows-Maple Ridge) — En ce qui concerne la réaction du gouvernement canadien au rapport du National Cyber Security Centre et du Huawei Cyber Security Evaluation Centre du Royaume Uni, qui indiquait que la technologie 5G de Huawei pouvait compromettre la sécurité nationale : a) le Centre canadien pour la cybersécurité a-t-il effectué sa propre évaluation des risques liés à Huawei et, le cas échéant, quels en ont été les résultats; **b) d'autres ministères ou organismes du gouvernement ont-ils effectué une évaluation des risques liés à Huawei et, le cas échéant, quels en sont les détails, y compris la portée et les résultats de l'évaluation?**

ISED-PA requires that your organization complete and send the following documents (1 and 2) along with your final response. / ISDE-AP requiert que les documents suivants (1 et 2) soient complétés par votre organisation et envoyés avec votre réponse finale.

1) Checklist / Liste de vérification :

2) Statement of Completeness (Standard SOC or Blanket SOC) / Attestation de conformité (AC norme ou AC générale):

Please find attached the notice and instructions for **Q-136**. / Veuillez trouver ci-joint l'avis, les instructions pour **Q-136**.

Due Date / Date d'échéance: Wednesday, October 28, 2020 / mercredi le 28 octobre 2020

Please send bilingual response to ic.parliamentaryaffairsrequests-requetes.ic@canada.ca (c.c. Melanie Titley melanie.titley@canada.ca and Robert Charette robert.charette@canada.ca). / Veuillez envoyer votre réponse bilingue à ic.parliamentaryaffairsrequests-requetes.ic@canada.ca (c.c. Melanie Titley melanie.titley@canada.ca et Robert Charette robert.charette@canada.ca).

Documents for information / Documents pour information:

Thank you / Merci

Rob

Parliamentary Returns Officer, Parliamentary Affairs
Innovation, Science and Economic Development Canada / Government of Canada
Robert.Charette@canada.ca / Tel: 343-571-5918 / TTY: 1-866-694-8389
Agent(e) préposé(e) aux documents parlementaires, Affaires parlementaires
Innovation, Sciences et Développement économique Canada / Gouvernement du Canada
Robert.Charette@canada.ca / Tél. : 343-571-5918 / ATS : 1-866-694-8389

From: [STS ADM Office / Bureau SMA SST \(IC\)](#)
Sent: October 23, 2020 9:14 AM
To: [DGEPS - DG Office / DGGPN - Bureau du DG \(IC\)](#)
Cc: [STS ADM Office / Bureau SMA SST \(IC\)](#)
Subject: FW: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre
Attachments: ISED response to Q-136.docx; Checklist Q-136.docx; Blanket S of C - Form (ENG) -- Q-136 v2.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning DGEPS,

Thank you for preparing this. Just a quick FYI, for future SoC and Blanket SoC, please include the SADM or the ADM's name and title as the senior official to sign – As well as our sector for the attestation.

Many thanks,
Marwa

From: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Sent: October 23, 2020 7:18 AM
To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
Cc: Proulx, Martin (IC) <martin.proulx@canada.ca>; DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Subject: Re: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Good morning Marwa,

See the attached proposed responses which have been approved by Martin and also reviewed with SIPS.

Should you require anything further, please do not hesitate to contact me.

Thank you,
Sheena

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
Sent: October 14, 2020 12:03 PM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>; Mitchell2, Cameron (IC) <cameron.mitchell2@canada.ca>

Subject: FW: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Hi DGEPS,

Please see below Parl. Affairs request to provide a response to new Parliamentary question (Q-136) re. the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre.

Note: We are required to complete the checklist and the SOC or the blanket SOC along with our final response. (Notice and instructions are enclosed below)

Due to ADMO 4 p.m. Oct 26th

Thank you,
Marwa

From: Parliamentary Affairs Requests - Requête (IC)
<ic.parliamentaryaffairsrequests-requetes.ic@canada.ca>
Sent: October 14, 2020 11:51 AM
To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>; IC.O SIPS ADMO / SMA SSPI O.IC <IC.SPS.ADMO-SMA.SPS.IC@canada.ca>; ACOA.F Parliamentary Affairs-Affaires Parlementaires F.APECA <acoa.parliamentaryaffairs-affairesparlementaires.apeca@canada.ca>; CanNor Parliamentary Affairs / CanNor Affaires Parlementaires (CANNOR) <cannor.cannorparliamentaryaffairs-cannoraffairesparlementaires.cannor@canada.ca>; David, Claudia (CANNOR) <claudia.david@canada.ca>; Snow, Marianne (CANNOR) <marianne.snow@canada.ca>; Korolus, Sabrina (CB/CDA) <sabrina.korolus@cb-cda.gc.ca>; Taylor, Lara (CB/CDA) <lara.taylor@cb-cda.gc.ca>; Parl (DEC/CED) <dec.parl.ced@canada.ca>; Bordeleau, Stephane (DEC/CED) <stephane.bordeleau@canada.ca>; Labrecque, Simon (DEC/CED) <simon.labrecque@canada.ca>; Lavoie, Sophie (DEC/CED) <sophie.lavoie@canada.ca>; Chayer, Émilie (DEC/CED) <emilie.chayer@canada.ca>; CorrespondancepresidentASC-CSApresidentcorrespondence (ASC/CSA) <asc.correspondancepresidentasc-csapresidentcorrespondence.csa@canada.ca>; Parliamentary Returns (FDO) <fdo.parliamentaryreturns.fdo@canada.ca>; NRC-ParliamentaryAffairs-Affairesparlementaires-CNRC@nrc-cnrc.gc.ca; Marcel.Turcot@nrc-cnrc.gc.ca; Patricia.Pelletier@nserc-crsng.gc.ca; Philip.MacFie@NSERC-CRSNG.GC.CA; Erika.Bilodeau@nserc-crsng.gc.ca; ParliamentaryAffairs-Affairesparlementaires@sshrc-crsh.gc.ca; sc affaires-parlementaires-et-du-cabinet / parl-affairs-and-cabinet (STATCAN) <statcan.scaffaires-parlementaires-et-du-cabinet-parl-affairs-and-cabinet.statcan@canada.ca>; Makischuk, Celine (STATCAN) <celine.makischuk@canada.ca>; Boisvert, Étienne (STATCAN) <etienne.boisvert@canada.ca>; PARCA/PARCA (WD/DEO) <WD.parca-parca.DEO@canada.ca>
Cc: Gennaro, Miriam (IC) <miriam.gennaro@canada.ca>; Lewis, James (IC) <james.lewis@canada.ca>; Sandhar-Cruz, Paul (IC) <paul.sandhar-cruz@canada.ca>; SCMS-Parliamentary Affairs / Affaires-parlementaires-SCSM (IC) <[A0010066_2](mailto:ic.scms-</p></div><div data-bbox=)

parliamentaryaffairs-affaires-parlementaires-scsm.ic@canada.ca; ATIP-AIPRP (IC) <ic.atip-airrpa.ic@canada.ca>; Tremblay2, Genevieve (IC) <genevieve.tremblay2@canada.ca>; Parsons, Chris (IC) <chris.parsons@canada.ca>; Titley, Mélanie (IC) <melanie.titley@canada.ca>; Champagne, Gaetan (IC) <gaetan.champagne@canada.ca>; Charette, Robert (IC) <robert.charette@canada.ca>

Subject: For Action Please - Q-136 Regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre

Hello / Bonjour,

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ISED-PA requires that your organization complete and send the following documents (1 and 2) along with your final response. / ISDE-AP requiert que les documents suivants (1 et 2) soient complétés par votre organisation et envoyés avec votre réponse finale.

1) Checklist / Liste de vérification :

2) Statement of Completeness (Standard SOC or Blanket SOC) / Attestation de conformité (AC norme ou AC générale):

Please find attached the notice and instructions for **Q-136**. / Veuillez trouver ci-joint l'avis, les instructions pour **Q-136**.

Due Date / Date d'échéance: Wednesday, October 28, 2020 / mercredi le 28 octobre 2020

Please send bilingual response to ic.parliamentaryaffairsrequests-requetes.ic@canada.ca (c.c. Melanie Titley melanie.titley@canada.ca and Robert Charette robert.charette@canada.ca). / Veuillez envoyer votre réponse bilingue à ic.parliamentaryaffairsrequests-requetes.ic@canada.ca (c.c. Melanie Titley melanie.titley@canada.ca et Robert Charette robert.charette@canada.ca).

Documents for information / Documents pour information:

Thank you / Merci

Rob

Parliamentary Returns Officer, Parliamentary Affairs

Innovation, Science and Economic Development Canada / Government of Canada

Robert.Charette@canada.ca / Tel: 343-571-5918 / TTY: 1-866-694-8389

Agent(e) préposé(e) aux documents parlementaires, Affaires parlementaires

Innovation, Sciences et Développement économique Canada / Gouvernement du
Canada

Robert.Charette@canada.ca / Tél. : 343-571-5918 / ATS : 1-866-694-8389

From: Palmer, Randall (IC)
Sent: February 26, 2021 10:06 PM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC)
Subject: FW: 337609 Direct reply
Attachments: CCM 337609- INCOMING.pdf; Docket 337609 doc

Follow Up Flag: Follow up
Flag Status: Flagged

Approved by Wen.

-----Original Message-----

From: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
 Sent: February 25, 2021 1:55 PM
 To: Palmer, Randall (IC) <randall.palmer@canada.ca>
 Cc: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
 Subject: 337609 Direct reply

Good afternoon Randall,

We received this exact letter last year (except for the last line) and provided a response just as we were sent home for COVID. The initial response was a draft response and I believe the paper letter may not have been mailed out therefore I have attached the response you provided to see if it still applies. If it's the case, it can be a quick turn around, if not, please provide your response by March 3rd.

If you have any questions, let me know.

Thank you,
Sheena

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Sent: February 25, 2021 1:36 PM
 To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
 Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Subject: FW: CCM 337609 Direct email reply notification of paperless correspondence - Please process immediately.txt

Hi DGEPS,

A direct email reply for your action please.
Due to ADMO Mar 5

Thanks,
Hannah

-----Original Message-----

From: Geysens2, Natalie (IC) <natalie.geysens2@canada.ca>
 Sent: February 25, 2021 10:36 AM
 To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Subject: CCM notification of paperless correspondence - Please process immediately.txt

PAPERLESS DOCKET NOTIFICATION

Docket # 0337609 Doc. Date: 2021-02-16

Lead Office: STS Addressed To: MIN-ISI Doc. Type: LETTER
Action: DIRECT REP. Due Date: 2021-03-09
Xref#: Coord with:

Assigned to: STS Task: DIRECT REPLY
Assigned Date: 2021-02-25 BF Date:
Revision:

From:

Subject: WRITING WITH CONCERN RE: CANADIAN ADOPTION OF HUAWEI 5G TECHNOLOGY AND
RECOMMENDING THAT THE FEDERAL GOVERNMENT ACT IN THE BEST INTEREST OF NATIONAL SECURITY
AND PROTECT CANADIAN CITIZENS

Comments:

Minister of Innovation, Science and Industry
Ministre de l'Innovation, des Sciences et de l'Industrie

<input type="checkbox"/> Secret	Correspondence/Correspondance		Docket No./N° du chemise
<input type="checkbox"/> Urgent			[0337609]
Lead / Secteur: STS	Rec. date / Date recue: 2021-02-16	Doc. Date / Date dos: 2021-02-16	Due / Date d'échéance: 2021-03-09
<input type="checkbox"/> X-ref:			
Synopsis: WRITING WITH CONCERN RE: CANADIAN ADOPTION OF HUAWEI 5G TECHNOLOGY AND RECOMMENDING THAT THE FEDERAL GOVERNMENT ACT IN THE BEST INTEREST OF NATIONAL SECURITY AND PROTECT CANADIAN CITIZENS			
Author Type: GENERAL PUBLIC Priority: 2 Comments: [insert – if needed]			

<u>Task / Tâche</u>			
<input type="checkbox"/> VIP Draft Reply Projet de réponse	<input type="checkbox"/> Draft Reply Projet de réponse	<input type="checkbox"/> Meeting/Réunion	<input type="checkbox"/> Invitation
<input checked="" type="checkbox"/> Direct Reply Réponses directes	<input type="checkbox"/> Recommendation Recommandation	Location :	
<input type="checkbox"/> Transfer/Transfert:	<input type="checkbox"/> Information Information	Date:	
<input type="checkbox"/> Other _____			

Date	Referred to Envoyée à	Referred by Envoyée par	Remarks Remarques	Initials Initiales

Analyst / Analyste:



From: [Bains, Navdeep - M.P.](#)
Sent: February 16, 2021 11:00 PM
To: [Minister Champagne / Ministre Champagne \(IC\)](#)
Subject: FW: Canadian Adoption of Huawei 5G Technology

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Direct Reply

Please see below email.

Kind Regards,

Navpreet
Parliamentary Office of the Hon. Navdeep Bains, P.C. , M.P.
Member of Parliament for Mississauga – Malton

From: .
Sent: February 16, 2021 1:23 PM
To: Bains, Navdeep - M.P. <Navdeep.Bains@parl.gc.ca>
Subject: Canadian Adoption of Huawei 5G Technology

To: Honorable Navdeep Bains, Minister of Innovation, Science and Industry Feb 15,
2021
House of Commons
Ottawa, Ontario K1A 0A6
Navdeep.Bains@parl.gc.ca

Re: **Canadian Adoption of Huawei 5G Technology**

Sincerely,

**EMAIL/LETTER RESPONSE TO USE WITH
NEW HEADING AND E-SIGNATURE or LETTER**

To:

Dear]

I am writing in response to your email of February 16, 2021, to the Honourable Navdeep Bains, Minister of Innovation, Science and Industry, in regard to telecommunications infrastructure and cyber security. Minister Bains has been replaced by the Honourable François-Philippe Champagne, on whose behalf I am now responding.

The Government of Canada takes the security of our telecommunications infrastructure very seriously. Public Safety Canada, the Communications Security Establishment, the Department of National Defence, the Canadian Security Intelligence Service, Global Affairs Canada and Innovation, Science and Economic Development Canada are working together to examine 5G technology and the associated security and economic considerations.

Moreover, we are working in collaboration with telecommunications service providers and equipment vendors to address cyber security concerns on an ongoing basis. This collaboration enables the public and private sector to exchange information on issues that may affect the resilience of Canada's telecommunications infrastructure.

While we are unable to comment on specific companies, products, or providers, I can assure you that the Government of Canada is committed to the security of Canadian networks.

Please accept my best wishes.

Martin Proulx
Director General
Spectrum and Telecommunications Sector
Innovation, Science and Economic Development Canada
Government of Canada

From: DGEPS - DG Office / DGGPN - Bureau du DG (IC)
Sent: March 1, 2021 9:53 AM
To: STS ADM Office / Bureau SMA SST (IC)
Cc: DGEPS - DG Office / DGGPN - Bureau du DG (IC)
Subject: 337609 Direct reply
Attachments: CCM 337609- INCOMING.pdf; Docket 337609 doc

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon,

Please find attached direct reply 337609.

Thank you,

DGEPS DGO

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Sent: February 25, 2021 1:36 PM
 To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
 Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Subject: FW: CCM 337609 Direct email reply notification of paperless correspondence - Please process immediately.txt

Hi DGEPS,

A direct email reply for your action please.
 Due to ADMO Mar 5

Thanks,
 Hannah

-----Original Message-----

From: Geysens2, Natalie (IC) <natalie.geysens2@canada.ca>
 Sent: February 25, 2021 10:36 AM
 To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Subject: CCM notification of paperless correspondence - Please process immediately.txt

PAPERLESS DOCKET NOTIFICATION

Docket # 0337609 Doc. Date: 2021-02-16

Lead Office: STS Addressed To: MIN-ISI Doc. Type: LETTER
 Action: DIRECT REP. Due Date: 2021-03-09
 Xref#: Coord with:

Assigned to: STS Task: DIRECT REPLY
 Assigned Date: 2021-02-25 BF Date:
 Revision:

From:

Subject: WRITING WITH CONCERN RE: CANADIAN ADOPTION OF HUAWEI 5G TECHNOLOGY AND RECOMMENDING THAT THE FEDERAL GOVERNMENT ACT IN THE BEST INTEREST OF NATIONAL SECURITY AND PROTECT CANADIAN CITIZENS

Comments:

From: [DGEPS - DG Office / DGGPN - Bureau du DG \(IC\)](#)
Sent: March 1, 2021 11:25 AM
To: [Malboeuf, Nadia \(IC\)](#)
Subject: FW: APPROVAL: 337609 Direct reply
Attachments: Docket 337609 doc

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Nadia, FYA.

To:

Dear

I am writing in response to your email of February 16, 2021, to the Honourable Navdeep Bains, Minister of Innovation, Science and Industry, in regard to telecommunications infrastructure and cyber security. Minister Bains has been replaced by the Honourable François-Philippe Champagne, on whose behalf I am now responding.

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Please accept my best wishes.

Martin Proulx
 Director General
 Spectrum and Telecommunications Sector
 Innovation, Science and Economic Development Canada
 Government of Canada

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Sent: March 1, 2021 11:06 AM
 To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
 Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
 Subject: APPROVAL: 337609 Direct reply

This docket has been approved. Please send the reply to the correspondent then upload a copy of the sent letter to CCM.

Please be sure to route back to ADMO or notify us via email that the task is complete.

I will review the docket and route back to OCS to close.

Thank you
ADMO

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Sent: March 1, 2021 10:50 AM

To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>; Kumar2, Arpit (IC) <arpit.kumar2@canada.ca>

Subject: RE: FOR REVIEW AND APPROVAL: 337609 Direct reply

Approved.

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Sent: March 1, 2021 10:43 AM

To: Mitchell2, Cameron (IC) <cameron.mitchell2@canada.ca>; Kumar2, Arpit (IC) <arpit.kumar2@canada.ca>

Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Subject: FOR REVIEW AND APPROVAL: 337609 Direct reply

Hi Cam - FYR please. Due to OCS Mar 3

-----Original Message-----

From: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>

Sent: March 1, 2021 9:53 AM

To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Cc: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>

Subject: 337609 Direct reply

Good afternoon,

Please find attached direct reply 337609.

Thank you,

DGEPS DGO

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Sent: February 25, 2021 1:36 PM

To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>

Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Subject: FW: CCM 337609 Direct email reply notification of paperless correspondence - Please process immediately.txt

Hi DGEPS,

A direct email reply for your action please.

Due to ADMO Mar 5

Thanks,

Hannah

-----Original Message-----

From: Geysens2, Natalie (IC) <natalie.geysens2@canada.ca>

Sent: February 25, 2021 10:36 AM

To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>

Subject: CCM notification of paperless correspondence - Please process immediately.txt

PAPERLESS DOCKET NOTIFICATION

Docket # 0337609 Doc. Date: 2021-02-16

Lead Office: STS Addressed To: MIN-ISI Doc. Type: LETTER

Action: DIRECT REP. Due Date: 2021-03-09

Xref#: Coord with:

Assigned to: STS Task: DIRECT REPLY

Assigned Date: 2021-02-25 BF Date:

Revision:

From:

Subject: WRITING WITH CONCERN RE: CANADIAN ADOPTION OF HUAWEI 5G TECHNOLOGY AND
RECOMMENDING THAT THE FEDERAL GOVERNMENT ACT IN THE BEST INTEREST OF NATIONAL SECURITY
AND PROTECT CANADIAN CITIZENS

Comments:

From: STS ADM Office / Bureau SMA SST (IC)
Sent: March 1, 2021 12:08 PM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC); STS ADM Office / Bureau SMA SST (IC)
Subject: RE: APPROVAL: 337609 Direct reply
Attachments: 5G Infrastructure

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks DGEPS,

Just a note that the email you attached is the one that needs to be uploaded to CCM. I did it for this one, but please remember in the future that a copy of the sent email needs to be attached in CCM in order to OCS to close the file.

Thanks,
Hannah

-----Original Message-----

From: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Sent: March 1, 2021 11:55 AM
To: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
Subject: RE: APPROVAL: 337609 Direct reply

Good morning,

Please note that the letter has been sent.

Thank you,

DGEPS DGO

-----Original Message-----

From: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
Sent: March 1, 2021 11:06 AM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
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Cc: STS ADM Office / Bureau SMA SST (IC) <ic.stsadmoffice-bureausmasst.ic@canada.ca>
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Hi Cam - FYR please. Due to OCS Mar 3

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Subject: FW: CCM 337609 Direct email reply notification of paperless correspondence - Please process immediately.txt

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Hannah

-----Original Message-----

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Subject: CCM notification of paperless correspondence - Please process immediately.txt

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Docket # 0337609 Doc. Date: 2021-02-16

Lead Office: STS Addressed To: MIN-ISI Doc. Type: LETTER
Action: DIRECT REP. Due Date: 2021-03-09
Xref#: Coord with:

Assigned to: STS Task: DIRECT REPLY
Assigned Date: 2021-02-25 BF Date:
Revision:

From:

Subject: WRITING WITH CONCERN RE: CANADIAN ADOPTION OF HUAWEI 5G TECHNOLOGY AND
RECOMMENDING THAT THE FEDERAL GOVERNMENT ACT IN THE BEST INTEREST OF NATIONAL SECURITY
AND PROTECT CANADIAN CITIZENS

Comments:

From: [Proulx, Martin \(IC\)](#)
Sent: March 1, 2021 11:30 AM
To:
Cc: [Proulx, Martin \(IC\)](#)
Subject: 5G Infrastructure

Dear

I am writing in response to your email of February 16, 2021, to the Honourable Navdeep Bains, Minister of Innovation, Science and Industry, in regard to telecommunications infrastructure and cyber security. Minister Bains has been replaced by the Honourable François-Philippe Champagne, on whose behalf I am now responding.

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Please accept my best wishes.

Martin Proulx
Director General
Spectrum and Telecommunications Sector
Innovation, Science and Economic Development Canada
Government of Canada

Nom de l'entité

ATTESTATION DE CONFORMITÉ

RÉPONSE PROPOSÉE À LA QUESTION ÉCRITE, Q-

Nom du parlementaire :

Circonscription :

Date de la demande :

- A) 1. Décrivez succinctement les documents, les analyses et les consultations sur lesquels se fonde la réponse.

Personne-ressource :

2. A-t-on utilisé des documents publics pour préparer la réponse?
Dans l'affirmative, inscrivez ci-après les titres et les dates.

Oui	Non
<input type="checkbox"/>	<input type="checkbox"/>

--

- B) Décrivez les restrictions, considérations ou énoncés sur la qualité qui s'appliquent à la présente réponse (inclure les sections applicables de la *Loi sur l'accès à l'information*) :

Oui	Non
<input type="checkbox"/>	<input type="checkbox"/>

--

C) Des éléments d'information ou des documents pertinents à la présente réponse ont-ils été divulgués de quelque manière que ce soit (p. ex. en réponse à une demande présentée en vertu de la *Loi sur l'accès à l'information* ou provenant de la Bibliothèque du Parlement)? Dans l'affirmative, énumérez les documents pertinents et expliquez toute différence par rapport aux renseignements qui figurent dans la présente réponse.

Oui	SO
<input type="checkbox"/>	<input type="checkbox"/>

Attestation

En tant que haut fonctionnaire désigné pour (nom de l'organisation) je certifie, après examen des documents et des restrictions mentionnées dans la présente attestation de conformité, que les renseignements contenus dans la réponse proposée sont exacts et aussi complets que possible.

Signature

Date

Nom du haut fonctionnaire désigné	Titre

Nom de l'organisation

COÛT DE PRODUCTION D'UNE RÉPONSE MINISTÉRIELLE À UNE QUESTION ÉCRITE	
Q-	
Nom du parlementaire:	Circonscription :
Date de la demande:	
COÛT TOTAL: \$	

Name of organization

**BLANKET STATEMENT OF COMPLETENESS
FOR A MINISTERIAL RESPONSE TO A PARLIAMENTARY WRITTEN QUESTION**

Parliament : **Session :**

A) Briefly describe the analysis on which the proposed response is based:

Lead official:

Attestation:

As the Designated Senior Official for (name of organization)
I attest that the information contained in the proposed response, based on the records and limitations described in this Statement of Completeness, is accurate and as complete as possible.

_____ Signature

_____ Date

--	--

Name of Designated Senior Official Title

Nom de l'organisation

**ATTESTATION DE CONFORMITÉ GÉNÉRALE
POUR UNE RÉPONSE MINISTÉRIELLE À UNE QUESTION ÉCRITE D'UN PARLEMENTAIRE**

Législature : **Session :**

A) Décrivez succinctement l'analyse sur laquelle se fonde la réponse :

Personne-ressource :

Attestation :

En tant que haut fonctionnaire désigné pour (nom de l'organisation)
je certifie, après examen des documents et des restrictions mentionnées dans la présente
attestation de conformité, que les renseignements contenus dans la réponse proposée
sont exacts et aussi complets que possible.

Signature

Date

--	--

Nom du haut fonctionnaire désigné Title

CHECKLIST FOR THE PREPARATION OF PARLIAMENTARY RETURNS FOR THE MINISTER

- Privy Council Office/Parliamentary Affairs Excel template has not been altered.
- Titles of Ministers, Parliament Secretaries and Members of Parliament have been used (i.e. Minister of Innovation, Science and Economic Development, Parliamentary Secretary for Small Business and Tourism, Member of Parliament for Scarborough Southwest (Ontario)), not their proper name.

The following has been applied to the Excel or Word response

- Acronyms have been spelled out in full the first time used.
- Financial information includes the '\$' sign in both French and English (i.e. 30,000.00 \$ in French and \$30,000.00 in English).
- Date format: DD/MM/YYYY in English and YYYY/MM/DD in French.
- Font: Arial 10.
- Text in response should follow normal sentence structure/syntax. Response should not be all capital letters.
- If N/A has been used, Not Applicable versus Not Available has been specified.
- All parts of the question have been answered; no blank cells have been left without explanation.
- Page numbers have been included and centered at the bottom of the page (i.e. '1 of 3', '2 of 3', etc.).
- Final response is bilingual.
- English and French response has been reviewed:
 - Accuracy
 - Consistency
 - Spelling
 - Grammar
- The response has been printed to ensure that content in the rows and columns is completely legible (i.e. all necessary 'wraps and merges' have been done).
- Limitations included in the Statement of Completeness (SOC) are also included in the response as notes (Note 1, Note 2, etc.).

- The ATIP Office has been consulted in preparation of your response (only applicable to Agencies and Crowns).
- SOC or Blanket SOC has been approved and signed by your Designated Senior Official. When you provide the name of the lead official in section A of the SOC please include their contact information (phone number/email).
- SOC and cost sheet have been scanned as one document. The response (Excel or Word document) has been attached as a separate document.

Signature of the lead official on Order Paper Questions:

X _____

GUIDELINES FOR A STATEMENT OF COMPLETENESS

PURPOSE:

The Statement of Completeness is an internal government document used to brief a Minister, in the official language of his or her choice, on the contents of a proposed response to a parliamentary written question or a notice of motion for the production of papers. A Statement of Completeness must be completed by each department or organization in a Minister's portfolio that contributes information or documents to the response. It is signed by the organization's Designated Senior Official responsible for oversight of Parliamentary Returns, then submitted to the Minister with the response.

After the Minister signs the response, both the response and the Statement of Completeness are submitted to PCO. PCO reviews the Statement and the response to verify that any instructions for the preparation of the response have been followed. The Statement of Completeness is also used to brief the Government Leader in the House of Commons before he or she makes the final decision to table the Ministerial response in Parliament (the Statement of Completeness is not tabled).

Given its integral role in the government process for approving and tabling a Ministerial response, the Statement of Completeness must provide sufficient information to permit the Designated Senior Official, the Minister who signs the response, PCO, and the Government Leader in the House of Commons, to assess whether the proposed response is accurate and as complete as possible. As such, all government organizations are asked to complete the Statement of Completeness with the following information.

PART A – RESEARCH CONDUCTED

A) 1. Organizations are asked to provide a short description of the research conducted in both their internal and publicly available records, and the analysis and consultations that contributed to the response.

Written question: Indicate the areas within the department that searched for and analysed information; the available paper files searched manually or data banks searched electronically; any tools used (such as the Statistics Canada Postal Code Federal Ridings File); any additional steps taken to verify the accuracy of data; and any consultations that took place with other organizations.

Notice of motion for the production of papers: Indicate the areas within the department that searched for documents; the types and volume of documents found; and whether the documents are public or classified.

In each case, the name of the lead official who produced the response should be included.

A) 2. When researching records to prepare a response to a question of a financial or other nature, organizations must ensure that they search for information in all their relevant publicly available documents, as well as their internal records. This includes the case where a written question requests information for a period when the organization has disposed of relevant internal records under its records retention and disposal policy.

Examples of an organization's publicly available documents are: the Public Accounts of Canada, the department's annual Report on Plans and Priorities or Departmental Performance Report to Parliament, and other annual reports or published studies, including Ministerial responses to parliamentary committee reports. Where any such document is used to provide information in the response, the "Yes" box should be checked and the name of the document entered in the Statement of Completeness.

PART B – LIMITATIONS TO THE RESPONSE

In cases where the organization is not able to provide a complete answer to a parliamentary request for information or documents, the "Yes" box should be checked and information provided in the Statement of Completeness to inform the Minister of the limitations encountered. The Statement of Completeness should also describe any data quality statements that apply to the information provided in the response.

If partial information is provided, reasons may include:

- the records retention and disposal policy of the organization;
- limitations on the information that can be retrieved from information systems (e.g. purchase of low-value items); or
- the application of the *Access to Information Act* or the *Privacy Act*.

Other reasons for not disclosing information may include:

- no information or papers relevant to the request were found; or
- the mandate or responsibilities of the organization is not relevant to the request (e.g. the organization does not provide grants and contributions that are the subject of the request).

Data quality statements may include statements that clarify how the data provided should be interpreted (e.g. that grants or contributions sent to an address in a Federal Electoral District are not necessarily spent in that district).

PART C – REVIEW OF RESPONSE IN RELATION TO INFORMATION ALREADY DISCLOSED

Departments and organizations must check and affirm that the information or documents to be disclosed in the Ministerial response are accurate and consistent with information disclosed in response to other types of requests for similar information (e.g. requests for documents made under the *Access to Information Act* or requests for information or documents made by the Library of Parliament). If other comparable information has been publicly disclosed, the “Yes” box should be checked and a description of the information disclosed and the recipient of the information identified in the Statement of Completeness.

ATTESTATION BY DESIGNATED SENIOR OFFICIAL

The Statement of Completeness must be signed by the Designated Senior Official, nominated by the organization, who is responsible for providing oversight of proposed Ministerial responses to parliamentary written questions and notices of motions for the production of papers. The Designated Senior Official attests on behalf of the organization that the information contained in the response, based on the description of records and any limitations described in the Statement of Completeness, is accurate and as complete as possible.

The Designated Senior Official must sign and date the Statement of Completeness and his or her name and title should be printed on the form.

INSTRUCTIONS FOR REPORTING THE ESTIMATED COST OF RESPONSES TO PARLIAMENTARY WRITTEN QUESTIONS

Please note that starting in the 2nd session of the 41st Parliament, organisations are no longer required to submit a cost sheet with each Statement of Completeness as part of their response to the Office for the Coordination of Parliamentary Returns (OCPR). However, organizations are still responsible for tracking their own cost for producing responses to written questions based on the methodology already established by OCPR.

As of October 2013, for any question submitted by a Member of Parliament requesting the cost of producing responses to written questions, organizations will be responsible for producing their respective response and OCPR will compile the grand total.

METHODOLOGY

Organizations are to calculate the total cost of producing each response based on the rate of \$60.00 an hour and \$0.39 a word for translation. The translation cost must be included in the calculation.

The forms for calculating the cost can be found on the PARCA Bulletin Board under working documents.

Prepared by: N. Baker
Date: November 19, 2013

DIRECTIVES POUR LE CALCUL DU COÛT DES RÉPONSES AUX QUESTIONS PARLEMENTAIRES ÉCRITES

Veillez noter qu'à partir de la 2^{ième} session de la 41^{ième} Législature, les organisations n'ont plus à soumettre un formulaire des coûts avec chaque attestation de conformité au bureau de la coordination des documents parlementaires (BCDP). Cependant, les organisations sont toujours tenues de faire le suivi de leurs propres dépenses engagées pour répondre à des questions écrites, suivant la méthode établie par le BCDP.

À compter d'octobre 2013, pour toute question déposée par un député demandant le coût de production des réponses aux questions écrites, les organisations seront responsable de fournir leur réponse respective. Le BCDP se chargera de compiler la somme globale.

MÉTHODOLOGIE

Les organisations doivent calculer le coût de production total de chaque réponse en fonction des taux de 60,00\$ de l'heure et de 0,39\$ le mot pour la traduction. Le coût de la traduction doit être compris dans le calcul.

Les formulaires de calcul sont disponibles sur le babillard du système PARCA sous les documents de travail.

LIGNES DIRECTRICES SUR L'ATTESTATION DE CONFORMITÉ

Objectif

L'attestation de conformité est un document gouvernemental interne utilisé pour informer les ministres, dans la langue officielle de leur choix, du contenu de la réponse proposée à une question écrite ou à un avis de motion portant production de documents. L'attestation de conformité doit être remplie par chaque ministère ou entité gouvernementale relevant du portefeuille d'un ministre et détenant des documents ou des renseignements visés. Elle doit être signée par le haut fonctionnaire qui est désigné responsable des documents parlementaires de l'entité gouvernementale, avant d'être soumise au ministre avec la réponse.

Une fois que le ministre a signé la réponse, elle doit être acheminée au BCP, accompagnée de l'attestation de conformité. Le BCP les examine toutes les deux pour s'assurer que les directives données ont été suivies. L'attestation de conformité sert également à renseigner le leader du gouvernement à la Chambre des communes sur la réponse ministérielle, avant qu'il ne décide de la déposer (sans l'attestation).

Compte tenu du rôle important que joue l'attestation de conformité dans le processus d'approbation et de dépôt d'une réponse ministérielle, elle doit contenir assez de renseignements pour permettre au haut fonctionnaire désigné, au ministre que signe la réponse, au BCP, et au Leader du gouvernement à la Chambre des communes d'évaluer si le projet de réponse est exact et aussi complet que possible. À ce titre, toutes les entités gouvernementales doivent y inclure les renseignements suivants.

Partie A—Recherches effectuées

A) 1. L'attestation de conformité doit comprendre une courte description des recherches effectuées dans les documents internes et accessibles au public, de même que des analyses et des consultations menées.

Question écrite : Indiquer le secteur du ministère qui a effectué la recherche, les documents papier et électroniques consultés, les outils utilisés (p. ex. le Fichier des codes postaux par circonscription électorale fédérale de Statistiques Canada), les mesures supplémentaires prises pour vérifier l'exactitude des données, et toute consultation effectuée avec les autres ministères.

Avis de motion portant production de documents : Indiquer le secteur du ministère qui a effectué la recherche de documents, le type et la quantité de documents trouvés et le type de documents (publics ou classifiés).

Dans chaque cas, le nom du fonctionnaire responsable de la préparation de la réponse doit être inscrit.

A) 2. Pour les questions de nature financière ou autre, les entités doivent mener une recherche dans tous les documents pertinents accessibles au public ainsi que dans leurs documents internes. C'est notamment le cas lorsque, en application de sa politique sur la conservation et la destruction des documents, l'entité s'est défait des documents internes contenant les renseignements demandés dans une question écrite.

Parmi les documents accessibles au public, on compte notamment les Comptes publics du Canada, les rapports annuels sur les plans et les priorités des ministères, les rapports ministériels sur le rendement présentés au Parlement ainsi que d'autres rapports annuels ou études publiées, y compris les réponses ministérielles aux rapports de comités parlementaires. Lorsqu'un de ces documents est présenté dans la réponse, l'attestation de conformité doit en faire état. Lorsqu'un de ces documents sert à la rédaction de la réponse, la case « oui » doit être cochée dans l'attestation de conformité, qui doit également faire état du titre des documents.

Partie B—Restrictions applicables

Lorsqu'il est impossible de présenter une réponse complète à une demande parlementaire de renseignements ou de documents, la case « oui » doit être cochée dans l'attestation de conformité et les raisons doivent y être indiquées, à l'intention du ministre. Elle devrait également comprendre toute réserve ou tout énoncé sur la qualité des données applicable à l'information fournie dans la réponse.

Raisons possibles de la divulgation partielle de renseignements :

- la politique de conservation des dossiers du ministère ou de l'entité gouvernementale;
- les restrictions relatives aux renseignements que l'on peut trouver dans les systèmes d'information (p. ex. achat d'articles de faible valeur);
- l'application de la *Loi sur l'accès à l'information* et de la *Loi sur la protection des renseignements personnels*.

Autres raisons possibles de la non divulgation de renseignements :

- on n'a trouvé aucun renseignement ou document en lien avec la demande;
- le mandat ou les responsabilités du ministère ou de l'entité gouvernementale ne sont pas liées à la demande (p. ex. le ministère n'octroie pas les subventions ni les contributions qui font l'objet de la demande).

Les énoncés sur la qualité des données peuvent contenir des précisions sur la façon d'interpréter les données fournies (p. ex. les subventions ou les fonds envoyés à une certaine adresse ne sont pas nécessairement dépensés dans la circonscription fédérale dans laquelle elle se trouve).

Partie C—Examen de la réponse en regard des renseignements divulgués auparavant

Les ministères et les entités gouvernementales doivent confirmer que les renseignements ou les documents à divulguer dans la réponse ministérielle sont exacts et qu'ils concordent avec les renseignements fournis auparavant en réponse à des demandes semblables (p. ex. des demandes de documents présentées en vertu de la *Loi sur l'accès à l'information*, ou des demandes d'information ou de documents présentées par la Bibliothèque du Parlement). Si des renseignements de même nature ont été divulgués auparavant, il faut l'indiquer dans l'attestation de conformité en cochant la case « oui », donner une description de l'information divulguée dans l'espace réservée à cette fin, et y inscrire le nom des destinataires.

Attestation par le haut fonctionnaire désigné

L'attestation de conformité doit être signée par le haut fonctionnaire désigné par l'entité. Il lui incombe d'examiner les projets de réponse ministérielle à des questions parlementaires écrites ou à des avis de motions portant production de documents. Après examen des documents pertinents et des restrictions mentionnées dans l'attestation de conformité, le haut fonctionnaire désigné doit attester au nom de l'entité que la réponse est exacte et aussi complète que possible.

Enfin, il doit signer et dater l'attestation de conformité, sur laquelle son nom et son titre devraient être imprimés.

LISTE DE VÉRIFICATION POUR LA PRÉPARATION DES DOCUMENTS PARLEMENTAIRES POUR LE MINISTRE

- Le modèle du Bureau du Conseil privé/des Affaires parlementaires n'a pas été modifié.
- Les titres des ministres, des secrétaires parlementaires et des députés ont été employés (c.-à-d. le ministre de l'Innovation, des Sciences et du Développement économique, la secrétaire parlementaire de la ministre de la Petite entreprise et du Tourisme et le député de Scarborough Sud-Ouest (Ontario)), pas leur nom propre.

Ce qui suit a été appliqué à la réponse Excel ou Word

- Les termes désignés par des acronymes ont été écrits au long à leur première occurrence.
- L'information financière comprend le symbole \$ en français et en anglais (c.-à-d. 30 000,00 \$ en français = \$30,000.00 en anglais).
- Le format de la date est AAAA/MM/JJ en français ou JJ/MM/AAAA en anglais.
- La police est Arial et la taille des caractères, 10.
- Le texte de la réponse devrait suivre la syntaxe appropriée. La réponse ne devrait pas être toutes des lettres majuscules.
- Les acronymes « s.o. » (sans objet) et « n.d. » (non disponible) sont indiqués au long.
- Une réponse est fournie pour toutes les parties de la question; il n'y a pas de cellules vides sans explication dans le modèle.
- Les pages sont numérotées et un numéro est inscrit au centre du bas de chaque page (c.-à-d. « 1 de 3 », « 2 de 3 », etc.).
- La réponse finale est bilingue.
- La réponse en anglais et en français a été vérifiées :
 - L'exactitude
 - L'uniformité
 - L'orthographe
 - La grammaire
- La réponse a été imprimée afin de s'assurer que le contenu des lignes et des colonnes est entièrement lisible (c.-à-d. que tous les bouclages et fusionnements nécessaires ont été effectués).
- Les restrictions comprises dans l'attestation de conformité (AC) sont également indiquées dans la réponse forme de notes (Note 1, Note 2, etc.).

- Le Bureau de l'AIPRP a été consultés lors de la préparation de votre réponse (applicable qu'aux organismes publics et des sociétés de la Couronne).
- L'AC ou l'AC générale a été approuvée et signée par votre haut fonctionnaire désigné. Lorsque vous inscrivez le nom du fonctionnaire responsable dans la section A de l'AC, veuillez inclure ses coordonnées (numéro de téléphone/adresse courriel).
- L'AC et la fiche des coûts ont été numérisées et regroupées en un seul document. La réponse (document Excel ou Word) a été jointe dans un document distinct.

Signature de l'agent responsable des questions inscrites au Feuilleton :

X

October 13, 2020

**INSTRUCTIONS¹ FROM THE PRIVY COUNCIL OFFICE
(OFFICE FOR THE COORDINATION OF PARLIAMENTARY RETURNS)
TO ORGANIZATIONS WITH RESPECT TO WRITTEN QUESTION
Q-136 — MR. DALTON (PITT MEADOWS – MAPLE RIDGE)**

Q-136² — October 7, 2020 — Mr. Dalton (Pitt Meadows—Maple Ridge) — With regard to the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre, which indicated that Huawei 5G technology could put national security at risk: (a) has the Canadian Centre for Cyber Security conducted its own Huawei risk assessment, and, if so, what were the results; and (b) has any other government department or agency conducted a risk assessment in relation to Huawei, and, if so, what are the details, including the scope of the assessment and the results?

PERIOD

As of October 7, 2020.

NATIONAL DEFENCE (Part a)

National Defence will provide a response regarding the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre, which indicated that Huawei 5G technology could put national security at risk.

ALL DEPARTMENTS (INCLUDING SOAs) AND AGENCIES (Part b)

All organizations are required to respond to the question regarding a risk assessment in relation to Huawei.

¹ These instructions are intended to be used by organizations assigned to produce a response in order to 1) provide a uniform government-wide interpretation of a question; 2) reference relevant government policies or documents; 3) present information in a consistent manner. Should an organization determine that the PCO instructions require clarification or additional guidance in order to ensure completeness of the response; the organization is encouraged to notify PCO-OCPR.

**DIRECTIVES² DU BUREAU DU CONSEIL PRIVÉ
(BUREAU DE LA COORDINATION DES DOCUMENTS PARLEMENTAIRES)
AUX ORGANISMES CONCERNANT LA QUESTION ÉCRITE
Q-136² — M. DALTON (PITT MEADOWS – MAPLE RIDGE)**

Q-136² — 7 octobre 2020 — M. Dalton (Pitt Meadows—Maple Ridge) — En ce qui concerne la réaction du gouvernement canadien au rapport du National Cyber Security Centre et du Huawei Cyber Security Evaluation Centre du Royaume Uni, qui indiquait que la technologie 5G de Huawei pouvait compromettre la sécurité nationale : a) le Centre canadien pour la cybersécurité a-t-il effectué sa propre évaluation des risques liés à Huawei et, le cas échéant, quels en ont été les résultats; b) d'autres ministères ou organismes du gouvernement ont-ils effectué une évaluation des risques liés à Huawei et, le cas échéant, quels en sont les détails, y compris la portée et les résultats de l'évaluation?

PÉRIODE

En date du 7 octobre, 2020

DÉFENSE NATIONALE (Partie a)

La Défense Nationale est tenue de répondre à la question concernant la réaction du gouvernement canadien au rapport du National Cyber Security Centre et du Huawei Cyber Security Evaluation Centre du Royaume Uni, qui indiquait que la technologie 5G de Huawei pouvait compromettre la sécurité nationale.

TOUS LES MINISTÈRES (Y COMPRIS LES OSS) ET ORGANISMES (Partie b)

Toutes les organisations sont tenues de répondre à la question concernant l'évaluation des risques liés à Huawei.

² Ces directives sont destinées à être utilisées par les organisations chargées de produire une réponse afin de 1) fournir une interprétation uniforme d'une question à l'échelle du gouvernement; 2) faire référence aux politiques ou documents gouvernementaux pertinents; 3) présenter les informations de manière cohérente. Si une organisation détermine que les directives du BCP nécessitent des clarifications ou des conseils supplémentaires afin d'assurer l'exhaustivité de la réponse, elle est encouragée à en informer le BCP-OCPR.



WRITTEN QUESTION - QUESTION ÉCRITE

To / À **SEE ATTACHED / VOIR CI-JOINT**

October 14, 2020

SUBJECT: Question No. / Question N°

Q-136

SUJET: Member / Député

Mr. Dalton (Pitt Meadows-Maple Ridge)

Date of Question / Date de la question

October 7, 2020

FOR PRIORITY ATTENTION

POUR EXAMEN PRIORITAIRE

Section 39 (5) (a) of the Standing Orders:



Paragraphe 39 (5) (a) du Règlement:



A Member may request that the Ministry respond to a specific question within forty-five days by so indicating when filing his or her question.

Un député peut demander au gouvernement de répondre à une question en particulier dans un délai de quarante-cinq jours, en l'indiquant au moment où il dépose l'avis de sa question.

A response is required by

Une réponse est requise par le

November 16, 2020

16 novembre 2020

The answer should be prepared on an "Inquiry of Ministry" form in both official languages and sent to this office through PARCA system.

La réponse officielle doit être présentée dans les deux langues officielles sur le formulaire "Demande de renseignements au gouvernement" et être envoyée à notre bureau par le système PARCA.

If you have no information on this subject or you consider that other departments should be involved, please advise us without delay.

Si vous ne possédez aucun renseignement sur cette question ou si vous jugez que d'autres ministères devraient être impliqués, veuillez nous aviser sans délai.

Nicole Baker
Manager of Parliamentary Returns
Gestionnaire des documents parlementaires



ASSIGNMENT: ALL DEPARTMENTS & AGENCIES (INCL. SOAs) -- Part (b)
ASSIGNATION: DND - Part (a)

PLEASE SEE ATTACHED INSTRUCTIONS

Q-136² — October 7, 2020 — Mr. Dalton (Pitt Meadows-Maple Ridge) — With regard to the Canadian government's reaction to the report from the United Kingdom's National Cyber Security Centre and Huawei Cyber Security Evaluation Centre, which indicated that Huawei 5G technology could put national security at risk: (a) has the Canadian Centre for Cyber Security conducted its own Huawei risk assessment, and, if so, what were the results; and (b) has any other government department or agency conducted a risk assessment in relation to Huawei, and, if so, what are the details, including the scope of the assessment and the results?

Q-136² — 7 octobre 2020 — Mr. Dalton (Pitt Meadows-Maple Ridge) — En ce qui concerne la réaction du gouvernement canadien au rapport du National Cyber Security Centre et du Huawei Cyber Security Evaluation Centre du Royaume Uni, qui indiquait que la technologie 5G de Huawei pouvait compromettre la sécurité nationale : a) le Centre canadien pour la cybersécurité a-t-il effectué sa propre évaluation des risques liés à Huawei et, le cas échéant, quels en ont été les résultats; b) d'autres ministères ou organismes du gouvernement ont-ils effectué une évaluation des risques liés à Huawei et, le cas échéant, quels en sont les détails, y compris la portée et les résultats de l'évaluation?

¹Requires Oral Answer
Requiert une réponse orale

²Response requested within 45 days
Demande une réponse dans les 45 jours

Section 39 (5) (b) of the Standing Orders:

If such a question remains unanswered at the expiration of the said period of forty-five days, the matter of the failure of the Ministry to respond shall be deemed referred to the appropriate Standing Committee. Within five sitting days of such a referral the Chair of the committee shall convene a meeting of the committee to consider the matter of the failure of the Ministry to respond. The question shall be designated as referred to committee on the *Order Paper* and, notwithstanding Standing Order 39(4), the Member may submit one further question for each question so designated. The Member who put the question may rise in the House under "Questions on Order Paper" and give notice that he or she intends to transfer the question and raise the subject-matter thereof on the adjournment of the House, and the order referring the matter to committee is thereby discharged.

Paragraphe 39 (5) (b) du Règlement:

Dans le cas où une question reste sans réponse à l'expiration de ce délai de quarante-cinq jours, cette absence de réponse de la part du gouvernement est considérée comme renvoyée d'office au comité permanent concerné. Dans les cinq jours de séance suivants ce renvoi, le président du comité convoque une réunion pour se pencher sur l'absence de réponse de la part du gouvernement et l'affaire est désignée comme étant renvoyée à un comité dans le *Feuilleton*. Nonobstant le paragraphe 39(4) du Règlement le député peut présenter une autre question pour chaque question ainsi désignée. Le député qui a fait inscrire la question peut intervenir à la Chambre à l'appel de la rubrique "Questions inscrites au Feuilleton" et donner avis qu'il entend reporter la question et soulever le sujet visé à l'ajournement de la Chambre, et l'ordre renvoyant l'affaire au comité est de ce fait annulé.

C) Have information or documents relevant to this response been disclosed publicly, in any manner (e.g. access to information request or request from the Library of Parliament)? If yes, please identify relevant documents and explain any differences in the proposed response. Yes N/A

Attestation:

As the Designated Senior Official for (name of organization)
I attest that the information contained in the proposed response, based on the records and limitations described in this Statement of Completeness, is accurate and as complete as possible.

Signature

Date

--	--

Name of Designated Senior Official

Title

Name of organization

COST OF PRODUCING A MINISTERIAL RESPONSE TO A WRITTEN QUESTION	
Q-	
Name of Parliamentarian :	Constituency :
Date of Inquiry:	
TOTAL COST: \$	

Name of organization
ISED

**BLANKET STATEMENT OF COMPLETENESS
FOR A MINISTERIAL RESPONSE TO A PARLIAMENTARY WRITTEN QUESTION**

Parliament : 43rd Session : 2nd

A) Briefly describe the analysis on which the proposed response is based:

<p>This response drew from previously approved responses, which themselves were drawn from Government of Canada websites:</p> <p>https://www.canada.ca/en/department-national-defence/corporate/reports-publications/proactive-disclosure/vac-estimates-budget/national-security-issues.html</p> <p>https://cyber.gc.ca/en/news/cses-security-review-program-3g4glte-canadian-telecommunications-networks</p>
<p>Lead official: Randall Palmer, 613-219-6759, randall.palmer@canada.ca</p>

Attestation:

As the Designated Senior Official for (name of organization)
I attest that the information contained in the proposed response, based on the records and limitations described in this Statement of Completeness, is accurate and as complete as possible.

Signature

Date

Name of Designated Senior Official	Title



CHECKLIST FOR THE PREPARATION OF PARLIAMENTARY RETURNS FOR THE MINISTER

- Privy Council Office/Parliamentary Affairs Excel template has not been altered.
- Titles of Ministers, Parliament Secretaries and Members of Parliament have been used (i.e. Minister of Innovation, Science and Economic Development, Parliamentary Secretary for Small Business and Tourism, Member of Parliament for Scarborough Southwest (Ontario)), not their proper name.

The following has been applied to the Excel or Word response

- Acronyms have been spelled out in full the first time used.
- Financial information includes the '\$' sign in both French and English (i.e. 30,000.00 \$ in French and \$30,000.00 in English).
- Date format: DD/MM/YYYY in English and YYYY/MM/DD in French.
- Font: Arial 10.
- Text in response should follow normal sentence structure/syntax. Response should not be all capital letters.
- If N/A has been used, Not Applicable versus Not Available has been specified.
- All parts of the question have been answered; no blank cells have been left without explanation.
- Page numbers have been included and centered at the bottom of the page (i.e. '1 of 3', '2 of 3', etc.).
- Final response is bilingual.
- English and French response has been reviewed:
 - Accuracy
 - Consistency
 - Spelling
 - Grammar
- The response has been printed to ensure that content in the rows and columns is completely legible (i.e. all necessary 'wraps and merges' have been done).
- Limitations included in the Statement of Completeness (SOC) are also included in the response as notes (Note 1, Note 2, etc.).

- The ATIP Office has been consulted in preparation of your response (only applicable to Agencies and Crowns).
- SOC or Blanket SOC has been approved and signed by your Designated Senior Official. When you provide the name of the lead official in section A of the SOC please include their contact information (phone number/email).
- SOC and cost sheet have been scanned as one document. The response (Excel or Word document) has been attached as a separate document.

Signature of the lead official on Order Paper Questions:

X _____

ISED response to Q-136, Part (b)

The Government of Canada takes the security of Canada's telecommunications networks very seriously. It is conducting an ongoing examination of emerging 5G technology and the associated economic opportunities and security risks. Particular consideration is being afforded to the foreign relations, economic, national security, and technical implications. Public Safety Canada, Innovation, Science and Economic Development Canada, the Communications Security Establishment (CSE), the Canadian Security Intelligence Service, the Department of National Defence, Global Affairs Canada and the Privy Council Office have been working closely to consider every possible dimension to this complex situation.

CSE and its partners at Public Safety Canada, Innovation, Science and Economic Development Canada, and the Canadian Security Telecommunications Advisory Committee actively engage with Canadian telecommunications service providers and equipment vendors to help ensure the security of today's existing Canadian critical telecommunications infrastructure.

The program has been in place since 2013, and has helped mitigate risks stemming from designated equipment and services under consideration for use in Canadian 3G/4G/LTE telecommunications networks, including Huawei. To date, this program has led to:

- excluding designated equipment in sensitive areas of Canadian networks;
- mandatory assurance testing in independent third-party laboratories for designated equipment before use in less sensitive areas of Canadian networks; and
- restricting outsourced managed services across government networks and other Canadian critical networks.

Le gouvernement prend très au sérieux la question de la sécurité des réseaux de télécommunications du Canada. Il analyse attentivement les débouchés économiques et les risques en matière de sécurité associés à la technologie 5G émergente. Il porte une attention particulière aux aspects liés aux relations extérieures, à la sécurité nationale et aux répercussions techniques. Sécurité publique Canada, Innovation, Sciences et Développement économique Canada, le Centre de la sécurité des télécommunications (CST), le Service canadien du renseignement de sécurité, le ministère de la Défense nationale, Affaires mondiales Canada et le Bureau du Conseil privé travaillent en étroite collaboration pour étudier tous les aspects possibles de cette situation délicate.

Le CST et ses partenaires de Sécurité publique Canada, d'Innovation, Sciences et Développement économique, et du Comité consultatif canadien pour la sécurité des télécommunications collaborent activement avec les fournisseurs de services de télécommunications canadiens et les fournisseurs d'équipement afin de veiller à la protection des infrastructures essentielles de télécommunications du Canada.

Depuis 2013, le programme permet d'atténuer les risques découlant de certaines pièces d'équipement et de certains services, dont ceux proposés par Huawei, que l'on envisageait d'utiliser dans les réseaux de télécommunications canadiens (3G, 4G et LTE). À ce jour, ce programme a mené à ce qui suit :

- l'exclusion de certaines pièces d'équipement dans des parties sensibles des réseaux canadiens;
- l'obligation d'effectuer des tests d'assurance dans des laboratoires tiers indépendants avant que certaines pièces d'équipement ne soient utilisées dans des parties de sensibilité moindre des réseaux canadiens;
- la restriction de recourir à des services gérés en sous-traitance pour tous les réseaux du gouvernement et les autres réseaux essentiels du Canada.

From: [DGEPS - DG Office / DGGPN - Bureau du DG \(IC\)](#)
Sent: March 12, 2021 9:51 AM
To: [Proulx, Martin \(IC\)](#)
Subject: FW: CACN Committee Summary: March 11, 2021 - Public Safety
Attachments: CACN Summary - March 11, 2021.docx

Follow Up Flag: Follow up
Flag Status: Flagged

FYI

Sheena

From: Mitchell2, Cameron (IC) <cameron.mitchell2@canada.ca>
Sent: March 12, 2021 9:01 AM
To: DGEPS - DG Office / DGGPN - Bureau du DG (IC) <ic.dgeps-dgoffice-dggpn-bureaududg.ic@canada.ca>
Subject: FW: CACN Committee Summary: March 11, 2021 - Public Safety

FYI

From: Tremblay2, Genevieve (IC) <genevieve.tremblay2@canada.ca>
Sent: March 12, 2021 9:01 AM
To: Haddad, Kristen (IC) <kristen.haddad@canada.ca>; Mitchell2, Cameron (IC) <cameron.mitchell2@canada.ca>
Cc: Picard, Nicolas (IC) <nicolas.picard@canada.ca>
Subject: FW: CACN Committee Summary: March 11, 2021 - Public Safety

Hi Kristen and Cameron,

Thought this committee appearance would be of interest to folks in SRS and STS.

Happy Friday –

Gen

Subject: CACN Committee Summary: March 11, 2021 - Public Safety

*****PLEASE NOTE THAT A SUMMARY WILL ALSO COME FROM GLOBAL AFFAIRS CANADA. THIS IS AN INTERNAL PUBLIC SAFETY SUMMARY WITH A PS LENS.*****

SUMMARY OF COMMITTEE BUSINESS / SOMMAIRE D'AFFAIRES DU COMITÉ

House of Commons Special Committee on Canada-China Relations (CACN)/

Comité spécial sur les relations sino-canadiennes (CACN)

Date: March 11, 2021

Time: 6:30pm-8:30pm

Report Prepared By/ Rapport préparé par

Kathryn Leyenaar, Senior Analyst, Parliamentary Affairs

T: 613-371-9261

Topic of Meeting / Sujet de la réunion

National Security Dimensions of Canada-China Relations

Members in Attendance / Membres présents

- Liberal Party of Canada (LPC): Peter Fragiskatos, Geoff Regan, Jean Yip, Lenore Zann, Emmanuel Dubourg, Joël Lightbound
- Conservative Party of Canada (CPC): Michael Chong, Garnett Genuis, Pierre Paul-Hus, John Williamson
- Bloc Québécois (BQ): Stéphane Bergeron
- New Democratic Party (NDP): Jack Harris

Witnesses / Témoins

6:30 p.m. to 7:30 p.m.

- Rob Stewart, Deputy Minister, Public Safety Canada
- Brenda Lucki, Commissioner, Royal Canadian Mounted Police
- John Ossowski, President, Canada Border Services Agency
- David Vigneault, Director, Canadian Security Intelligence Service
- Shelly Bruce, Chief, Communications Security Establishment
- Scott Jones, Head, Canadian Centre for Cyber Security

7:30 p.m. to 8:30 p.m.

- Dr. Scott Halperin, Professor of Pediatrics and Microbiology & Immunology, Dalhousie University and Director, Canadian Centre for Vaccinology

Questions from Parliamentarians

-

Huawei

MP Williamson (CPC): Is anyone able to say that they have confidence that Huawei should be permitted to operate in this country? (*no time for a response*).

MP Chong (CPC):

CSE, last November, you said that China was one of the greatest strategic threats to Canada. What is your view of Huawei being allowed to build out the core of Canada's 5G telecommunications infrastructure? When will the study be completed? In May 2019, the Minister said a decision would be made before the election, then after the 2019 election, and now we are 1.5 years from that. Has the CSE completed its study, and now it's with the cabinet? Or is this still being studied? What is your view of Huawei providing network switches under the Compute Canada Federation?

Response from CSE: At this point, the CSE is one of many organization contributing to the government wide study. When the government is prepared to make a decision, then it will be clear. It would be inappropriate for me to speak to that matter.

Mr. Vigneault, in December 2018, you warned of foreign espionage through 5G networks. You identified 5G mobile networks as a critical area of threat - do you still hold that view? We know that CSIS talks regularly to business organizations and universities about state threats – Alibaba and the Thousand Talents Plan. Clearly only one country / company is an embodiment of that threat, yet last month NSERC awarded almost \$5M to partner with Huawei. Canadian universities have said they haven't been warned against collaborating with Huawei. Has CSIS given guidance to universities about the 5G threat?

Response from CSIS: The threat environment is getting more complex. Any advanced technology is a lucrative target. CSIS is not in the business of giving guidance to universities. We provide them with as much information as possible.

-

Research and Universities

MP Pierre Paul-Hus (CPC) asked if there is any issue with the *CSIS Act* [referenced Mr. Vigneault's February 9, 2021 speech]. The current Act allows CSIS to give advice, yet we have heard from

universities that there is not much interaction - is there a problem with the legislation that prevents you from speaking directly to universities?

Response from CSIS: We work with research and development to give advice. The problem is that under the *CSIS Act*, we cannot reveal any classified information to entities outside of the government. Currently, it is a more narrow dialogue, but we have been pushing for a more intense dialogue for several years.

MP Fragiskatos (LIB): We hear concerns about the scientific work / security at our universities and whether that is subject to interference. How do officials feel about security / work being done by researchers on campus at the present time? Is this regime different than those in the past?

Response from CSIS: We and our partners in the international community are involved in providing advice to universities - not just on protection of research, but also working with them on foreign interference and potential threats that the students from abroad may feel from different countries. We are engaging on different levels (some bilaterally, some through committee work). This area is very attractive to those with ill intent. I can see there is a different dialogue we are having with universities over the last year or two. There is a new intent in the regime in China.

MP Dubourg (LIB): At the end of last year, Minister Mendicino presented some measures to attract students, and to facilitate permanent residency. Since that announcement, is the program functioning well? Are there any problems in the area of security related to these people who come to establish themselves in Canada?

Response from CBSA: Our role is to do the security screening and work with our other security partners to make sure there are no security issues. Since those announcements, COVID travel restrictions have made it so that the work is continuing behind the scenes.

Canada's Visa Application Centre in Beijing

MP Bergeron (BQ): At a February 22 Standing Committee on Citizenship and Immigration, VFS Global stated that there are two parts of verification of security for employees that have been hired in Beijing, and one part of it is taken care of by VFS and the other by the country that is being signed (Canada). Who at home is carrying out these checks of security clearances? Are you responsible or if not you, who is responsible for checking security clearances here in Canada? VFS is saying a verification is being carried out, but a spokesperson for Procurement Canada in the Globe and Mail stated a few days ago, that "it's VFS alone who carries out these checks on the staff that are subcontracted," so are we to understand that VFS is the only entity checking on security clearances?

Response from RCMP: I cannot speak directly to that company.

Response from Deputy Minister Rob Stewart: We will respond in writing (*follow-up*)

MP Harris (NDP): The minister advised last week that that the contract to VFS was given in 2012, but I understand these contracts have been renewed in 2015 and 2018 and would have required due diligence. Have any of the agencies present been involved in carrying out these due diligence efforts to ensure these contracts being renewed were in compliance with security concerns? Were any of the agencies asked to participate in any security check with respect to the visa contract in Beijing since 2015?

Response from CSIS: We are not in a position to provide specific details on the advice, but I can assure you that CSIS is involved in the process of providing threat advice to the government on an ongoing basis to allow our partners to develop appropriate mitigation measures. PSPC and IRCC have been working on many different ventures and providing advice to agencies.

MP Williamson (CPC): Following-up on MP Harris' question, what department would we speak to if we wanted answers regarding the Visa Application Centre in Beijing?

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Response from CSIS: It is clear that the Chinese government has several vectors to get information. We work closely with intelligence partners around the world. On VFS and the leak - it is IRCC who could better answer that.

Opioid Crisis / CBSA

MP Fragistakos (LIB): Can you tell us about the work being done to prevent fentanyl coming into Canada from China? Do you have figures to compare what has been seized, since the government put stricter measures in place under Minister Goodale compared to what it was before that?

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Foreign Interference and National Security

Pierre Paul-Hus (CPC): In your speech you mentioned that businesses in every sector have compromised and suffered losses due to cyber-attacks. Is the Chinese People's Liberation Army playing a role in this? Does China have sophisticated methods that go beyond the defenses that Canada has?

Response from CSIS: I cannot provide certain details in this environment, but can tell you that agencies like CSIS works to protect us against these threats. There are some states [you mentioned China] that use every tool at their disposal to seek out secrets of Canada's advanced economy. Yes, China is one of those countries and there are several others unfortunately that have the capacity, interest, and opportunity to come and spy in Canada. We try and block everything 100%. This is a fight and it's a bit of a cat and mouse.

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Response from CSE: The government did an attribution to show this had been done and led to compromise. We joined with our allies to raise the bar and draw awareness that this was something that was a concern.

RCMP Tip Line and Investigations

MP Pierre Paul-Hus (CPC): Mrs. Lucki, what kind of infrastructure and computer capacity do you have to investigate online? How many agents do you have in Canada dedicated to investigating online crime?

Response from RCMP: Any time there is a threat through intimidation people should call 911. Otherwise, we have a 1-800 number that we work through and we do monitoring through social media, so when there are such things as threats online we work with that [not specific to cybercrime specifically].

MP Bergeron (BQ): Do we have a 1-800 number that Canadians / Quebecers could call if they feel subject to pressure from the PRC?

Response from RCMP: The number is 1-800-420-5805 and it is displayed on both our public RCMP page and national security page. We get on average 120 tips per day, and we follow-up on all of them.

MP Williamson (CPC): Commissioner, you were about to give interesting information on the tip line about 120 tips a day and you weren't able to complete your thought. Can you please finish that for us? Are threats coming from members of the diplomatic core or from Canadian citizens? What are the parameters that would cause an investigation to continue?

Response from RCMP: As the volume of the tips increase, the threat percentage significantly declines. If they are applicable to another agency, we will pass that on. Some might feel threatened, but if it doesn't meet the threshold then we don't deal with it. Unfortunately, I don't have the statistics of where the threats are generated from, just the number of tips. If we did have that information I couldn't share it. We might pass it on to the local police of jurisdiction.

MP Dubourg (LIB): Commissioner, you spoke to 120 tips a day and the fact that if that information concerns the police you refer that information to them. Is this system well integrated to protect Canadians?

Response from RCMP: Yes, outside of the of tip line, we have an integrated approach to national security.

Rise in Violence and Racism towards Asian Canadians

MP Yip (LIB): Mr. Stewart, last week, Minister Blair acknowledged the rise in violence and racism directed towards Canadians of Asian descent, purely because of their ethnicity. In your opinion, how important is it for foreign figures and communications products to avoid blanket statements and declarations that can marginalize entire communities? What can be done to reassure Asian Canadians to feel safe, especially in light of the rise of the anti-Asian racism [up substantially in B.C.]? Has there been a rise in investigations by the RCMP into this matter? Are there specific programs towards the Asian community?

Mrs. Lucki, you said it is important to note the instances, but some in the Asian community feel like they cannot come forward because it is not effective in terms of what the police / RCMP are looking for. Can you please clarify?

Response from Deputy Minister Rob Stewart: I would not be in position to share my opinion with the committee as I give advice to the Minister. I can represent the Minister's view, which is that it is extremely important for Canadian public figures to emphasize that this is inappropriate behavior and it is dangerous to our society. It is an important fact that when we talk about threat from China, it is to be laid at the door of the Government of China and not the people of China. Public Safety plays a role in programming, providing Grants and Contributions to organizations to counter racism. I can't answer that questions regarding specific programs towards the Asian community, but I can answer that in writing. *(follow-up)*

Response from RCMP: It is so important whether we are talking about a threat in the national security space or a general threat (COVID) that people come forward and report that to local police. I can't say for sure specifically on intimidation, I know that there has

been a rise of mental health issues and domestic violence due to COVID, but I can't say about intimidation and threats. We take every threat seriously. It is important it meets the threshold. We do have the tip line and Crime Stoppers (anonymous if needed).

MP Yip (LIB): Has there been an increase in investigations by RCMP in regards to this matter [threats being raised among Canadians of Asian descent]?

Response from RCMP: I can't say specifically. These are not investigations that people call in. These are self-generated investigations, where we get some information and we proactively go and investigate that.

Forced Labour and Human Rights

MP Pierre Paul-Hus (CPC): Mr. Vigneault, did you brief the Minister on the Uighur genocide?

Response from CSIS: I can't disclose what I discussed with the Minister, but this is an issue that we are aware of.

MP Peter Fragiskatos (LIB) raised concern about goods produced through forced labour by Uighurs. How can Canadians be assured that goods and other products being produced in this region are not coming into Canada? The Government has acted and Minister Blair spoke to this last week, but do you have more details to enlighten the committee?

Response from CBSA: We are paying close attention to this under new rules that came into force under USMCA, and working with colleagues at ESDC to put a legal framework in place. One complaint has been received - no evidence associated with it.

CanSino Biologics Inc. Questions to Dr. Scott Halperin, Professor of Pediatrics and Microbiology & Immunology, Dalhousie University and Director, Canadian Centre for Vaccinology

Parliamentary Secretary for Public Safety Joël Lightbound (LIB): What is your level of confidence in these foreign laboratories? What is your degree of awareness of knowledge of universities? [We have a program "safeguarding science" at PS and there is a link there with these programs].

Response from Dr. Halperin: I am dealing with other peoples IP rather than sharing information that I am generating. Interaction with foreign actors becomes more high on the priority list based on research we are doing.

MP Pierre Paul-Hus (CPC): We know that in June 2020 the vaccine was approved for military use. Were you informed then that the Chinese army was in communication with CanSino? Were you surprised to learn that the military would use it? Were Chinese entities talking to you about links with Chinese authorities? Were you aware that the founders of CanSino had been assessed as being part of the Thousand Talents Plan? You said you were informed on May 15 that there would be no shipment of CanSino to Canada?

Response from Dr. Halperin: Yes, I was informed that the vaccine was going to be used for emergency use prior to the end of clinical trials that we were planning by the Chinese military. We were attempting to get the vaccine to do clinical trials to obtain more information about the use of those vaccines. As you aware, those vaccines needed to go through three phases before authorization for general population. We were definitely surprised if a vaccine is approved before those phases. No, I was not aware of the Thousand Talents. It wasn't until August that we found there wouldn't be shipments of vaccines to Canada / based on the fact that shipments had gone to other countries (i.e. Pakistan) it was a unique (political) problem of shipping to Canada.

MP Zann (LIB): What kind of security briefings do your scientists receive regarding threats to intellectual property?

Response from Dr. Halperin: We have had interactions with security briefings. I have met with CSIS representatives on multiple occasions to discuss general security and interactions with CanSino Biologics.

MP Bergeron (BQ): Can you elaborate on what you said regarding political reasons? Are the studies and trials appear to be convincing today?

Response from Dr. Halperin: It became clear in August that it had nothing to do with bureaucratic paperwork. The vaccine was cleared to be shipped to Russia, Pakistan, and to Mexico, Chile, and Argentina which was part of the phase three trials we had designed. It was specific to Canada, so clearly political. NRC decided that the agreement to manufacture the CanSino vaccine in Canada made no sense, so they ended that collaboration. We had designed the phase 3 study -- the phase three study began in September in Pakistan and Russia, and then enrollment started in Mexico, Argentina and Chile. Interim analysis shows records an efficacy of over 70% and based on those results received authorization to use the vaccine under emergency order.

MP Harris (NDP): Phase 3 investigation - will that continue in terms of supervision in Pakistan / Mexico? Were concerns raised in your discussions with the Government of Canada? You seem to be aware of Canadian research dynamics / concerns? Was this ever raised in your university given rise to issues of security?

Response from Dr. Halperin: Yes, aware. I am the global principle investigator for the overall investigator - doing the data / statistical analysis and providing results to those authorities. The concerns were more likely to be in the opposite direction. The data is held in Canada. They are paying for the clinical trial. There wasn't a security concern that they would steal it, but more concern on the Chinese government standpoint that it would be in Canada and not China.

MP Chong (CPC): Would you collaborate with CanSino in the future in light of the experience you went through? Do entities of the Canadian security apparatus talk to you about threats / risks from China about IP? Is that ad hoc or a formal process?

Response from Dr. Halperin: Absolutely I would still collaborate with them. Before I got too far down the path, I would want to make sure the vaccine would be shipped. Yes, I have met with members of CSIS multiple times - ad hoc.

MP Bergeron (BQ): Were you concerned that CanSino could get information here without us being able to benefit in return? What did they come and get here? What did we gain from this exchange? Upstream were there any concerns in that regard?

Response from Dr. Halperin: From Phase 1 (cancelled) we both gained nothing. We were not able to generate any data from the planned study because it didn't go ahead because we didn't get the vaccine. It was a waste of time for all parties. No, because if the study had gone forward it would have been information they would have sponsored to generate.

MP Harris (NDP): Dalhousie is part of the U15 group of research universities, which in 2019 published *Mitigating Economic and Geopolitical Risks in Sensitive Research Projects* - are you familiar with that document and is it used by your organization?

Response from Dr. Halperin: I am not familiar with it myself.

Follow-ups (To be checked against transcript):

- MP Fragistakos (LIB) asked for figures to compare what has been seized [fentanyl], since the government put stricter measures in place under Minister Goodale compared to what it was before that. *CBSA follow-up*.
- MP Bergeron (BQ) asked who in Canada is carrying out security checks for employees hired in Beijing by VFS Global? *PS follow-up*.
- MP Yip's (LIB) question to Public Safety: Are there specific programs towards the Asian community? *PS follow-up*.

Future Business :

- The future work plan for the Committee was adopted after brief discussion.
- There will be 8 additional meetings on the National Security aspect of the Canada-China Relations study.

Thanks, and have a great day!

Kate Leyenaar

Senior Analyst, Parliamentary Affairs / Analyste principale, Affaires Parlementaires

Public Safety Canada / Sécurité publique Canada

613-371-9261

kathryn.leyenaar@canada.ca

SUMMARY OF COMMITTEE BUSINESS / SOMMAIRE D'AFFAIRES DU COMITÉ
House of Commons Special Committee on Canada-China Relations (CACN)/
Comité spécial sur les relations sino-canadiennes (CACN)

Date: March 11, 2021

Time: 6:30pm-8:30pm

Report Prepared By/ Rapport préparé par

Kathryn Leyenaar, Senior Analyst, Parliamentary Affairs

T: 613-371-9261

Topic of Meeting / Sujet de la réunion

National Security Dimensions of Canada-China Relations

Members in Attendance / Membres présents

- Liberal Party of Canada (LPC): Peter Fragiskatos, Geoff Regan, Jean Yip, Lenore Zann, Emmanuel Dubourg, Joël Lightbound
- Conservative Party of Canada (CPC): Michael Chong, Garnett Genuis, Pierre Paul-Hus, John Williamson
- Bloc Québécois (BQ): Stéphane Bergeron
- New Democratic Party (NDP): Jack Harris

Witnesses / Témoins

6:30 p.m. to 7:30 p.m.

- Rob Stewart, Deputy Minister, Public Safety Canada
- Brenda Lucki, Commissioner, Royal Canadian Mounted Police
- John Ossowski, President, Canada Border Services Agency
- David Vigneault, Director, Canadian Security Intelligence Service
- Shelly Bruce, Chief, Communications Security Establishment
- Scott Jones, Head, Canadian Centre for Cyber Security

7:30 p.m. to 8:30 p.m.

- Dr. Scott Halperin, Professor of Pediatrics and Microbiology & Immunology, Dalhousie University and Director, Canadian Centre for Vaccinology

Questions from Parliamentarians

Huawei

MP Williamson (CPC): Is anyone able to say that they have confidence that Huawei should be permitted to operate in this country? (*no time for a response*).

MP Chong (CPC):

CSE, last November, you said that China was one of the greatest strategic threats to Canada. What is your view of Huawei being allowed to build out the core of Canada's 5G telecommunications infrastructure? When will the study be completed? In May 2019, the Minister said a decision would be made before the election, then after the 2019 election, and now we are 1.5 years from that. Has the CSE completed its study, and now it's with the cabinet? Or is this still being studied? What is your view of Huawei providing network switches under the Compute Canada Federation?

Response from CSE: At this point, the CSE is one of many organization contributing to the government wide study. When the government is prepared to make a decision, then it will be clear. It would be inappropriate for me to speak to that matter.

Mr. Vigneault, in December 2018, you warned of foreign espionage through 5G networks. You identified 5G mobile networks as a critical area of threat - do you still hold that view? We know that CSIS talks regularly to business organizations and universities about state threats – Alibaba and the Thousand Talents Plan. Clearly only one country / company is an embodiment of that threat, yet last month NSERC awarded almost \$5M to partner with Huawei. Canadian universities have said they haven't been warned against collaborating with Huawei. Has CSIS given guidance to universities about the 5G threat?

Response from CSIS: The threat environment is getting more complex. Any advanced technology is a lucrative target. CSIS is not in the business of giving guidance to universities. We provide them with as much information as possible.

Research and Universities

MP Pierre Paul-Hus (CPC) asked if there is any issue with the *CSIS Act* [referenced Mr. Vigneault's February 9, 2021 speech]. The current Act allows CSIS to give advice, yet we have heard from universities that there is not much interaction - is there a problem with the legislation that prevents you from speaking directly to universities?

Response from CSIS: We work with research and development to give advice. The problem is that under the *CSIS Act*, we cannot reveal any classified information to entities outside of the government. Currently, it is a more narrow dialogue, but we have been pushing for a more intense dialogue for several years.

MP Fragiskatos (LIB): We hear concerns about the scientific work / security at our universities and whether that is subject to interference. How do officials feel about security / work being done by researchers on campus at the present time? Is this regime different than those in the past?

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Response from Dr. Halperin: We have had interactions with security briefings. I have met with CSIS representatives on multiple occasions to discuss general security and interactions with CanSino Biologics.

MP Bergeron (BQ): Can you elaborate one what you said regarding political reasons? Are the studies and trials appear to be convincing today?

Response from Dr. Halperin: It became clear in August that it had nothing to do with bureaucratic paperwork. The vaccine was cleared to be shipped to Russia, Pakistan, and to Mexico, Chile, and Argentina which was part of the phase three trials we had designed. It was specific to Canada, so clearly political. NRC decided that the agreement to manufacture the CanSino vaccine in Canada made no sense, so they ended that collaboration. We had designed the phase 3 study -- the phase three study began in September in Pakistan and Russia, and then enrollment started in Mexico, Argentina and Chile. Interim analysis shows records an efficacy of over 70% and based on those results received authorization to use the vaccine under emergency order.

MP Harris (NDP): Phase 3 investigation - will that continue in terms of supervision in Pakistan / Mexico? Were concerns raised in your discussions with the Government of Canada? You seem to be aware of Canadian research dynamics / concerns? Was this ever raised in your university given rise to issues of security?

Response from Dr. Halperin: Yes, aware. I am the global principle investigator for the overall investigator - doing the data / statistical analysis and providing results to those authorities. The concerns were more likely to be in the opposite direction. The data is held in Canada. They are paying for the clinical trial. There wasn't a security concern that they would steal it, but more concern on the Chinese government standpoint that it would be in Canada and not China.

MP Chong (CPC): Would you collaborate with CanSino in the future in light of the experience you went through? Do entities of the Canadian security apparatus talk to you about threats / risks from China about IP? Is that ad hoc or a formal process?

Response from Dr. Halperin: Absolutely I would still collaborate with them. Before I got too far down the path, I would want to make sure the vaccine would be shipped. Yes, I have met with members of CSIS multiple times - ad hoc.

MP Bergeron (BQ): Were you concerned that CanSino could get information here without us being able to benefit in return? What did they come and get here? What did we gain from this exchange? Upstream were there any concerns in that regard?

Response from Dr. Halperin: From Phase 1 (cancelled) we both gained nothing. We were not able to generate any data from the planned study because it didn't go ahead because we didn't get the vaccine. It was a waste of time for all parties. No, because if the study had gone forward it would have been information they would have sponsored to generate.

MP Harris (NDP): Dalhousie is part of the U15 group of research universities, which in 2019 published *Mitigating Economic and Geopolitical Risks in Sensitive Research Projects* - are you familiar with that document and is it used by your organization?

Response from Dr. Halperin: I am not familiar with it myself.

Follow-ups (To be checked against transcript):

- MP Fragistakos (LIB) asked for figures to compare what has been seized [fentanyl], since the government put stricter measures in place under Minister Goodale compared to what it was before that. *CBSA follow-up.*
- MP Bergeron (BQ) asked who in Canada is carrying out security checks for employees hired in Beijing by VFS Global? *PS follow-up.*
- MP Yip's (LIB) question to Public Safety: Are there specific programs towards the Asian community? *PS follow-up.*

Future Business :

- The future work plan for the Committee was adopted after brief discussion.
- There will be 8 additional meetings on the National Security aspect of the Canada-China Relations study.