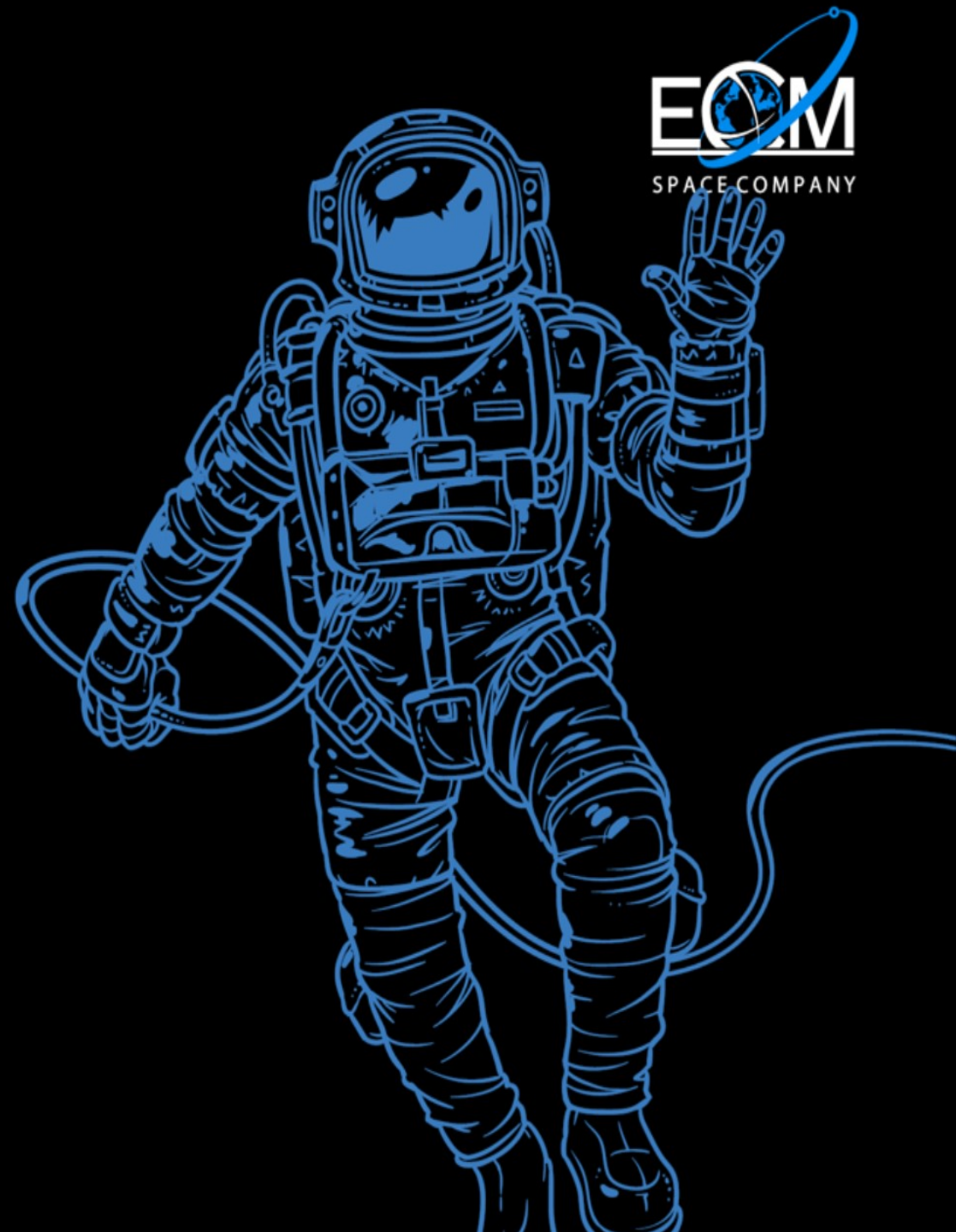


**Building the Bridge between Engineering and Business**



# Chris Cook

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- Sales and business development professional
- Business experience in financial technology, banking and advocacy.
- Started with ECM Space in 2019
- Chatty Cathy



# ECM SPACE COMPANY KEY FACTS

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- Was founded in 2008
- #1 commercial company WW by consulting in Space industry
- In TOP 3 of commercial company's WW by small satellites launches
- Unites more than 400 professionals in 5 main locations

3000+

Specialists trained in the  
field of space and  
aviation

17+

Successful launches  
missions completed

100+

Satellites was developed  
and launched



# BUSINESS UNITS



# OUR CONSULTING

---

## **MANAGEMENT CONSULTING**

- Project, Program and mission Managment
- Financial estimation and estimations audit

## **BUSINESS CONSULTING**

## **TECHNOLOGY CONSULTING**

- Consulting on building satellite constellation
- Project risk estimation and technology audit

## **MARKET REVIEW**

- Satellites and components
- Turnkey solutions on the market
- Launch capabilities







esa



AIRBUS



spire



DLR

MARS



swisscom



HeliosWire



CGI



DAIMLER



BRITISH AMERICAN  
TOBACCO



Hermes



MediaMarkt



Infosys

NTT DATA



Deloitte



PEPSICO



arianeGROUP



BRIDGESTONE



Government  
of Canada

Gouvernement  
du Canada

Canada



Le génie pour l'industrie

CEN  
TECH

IN·SEC·M



APPLE



STARBURST

CYBER  
Québec.org

CCTT en  
cybersécurité  
CCTT de l'Ontario



THE CANADIAN  
CHAMBER  
OF COMMERCE



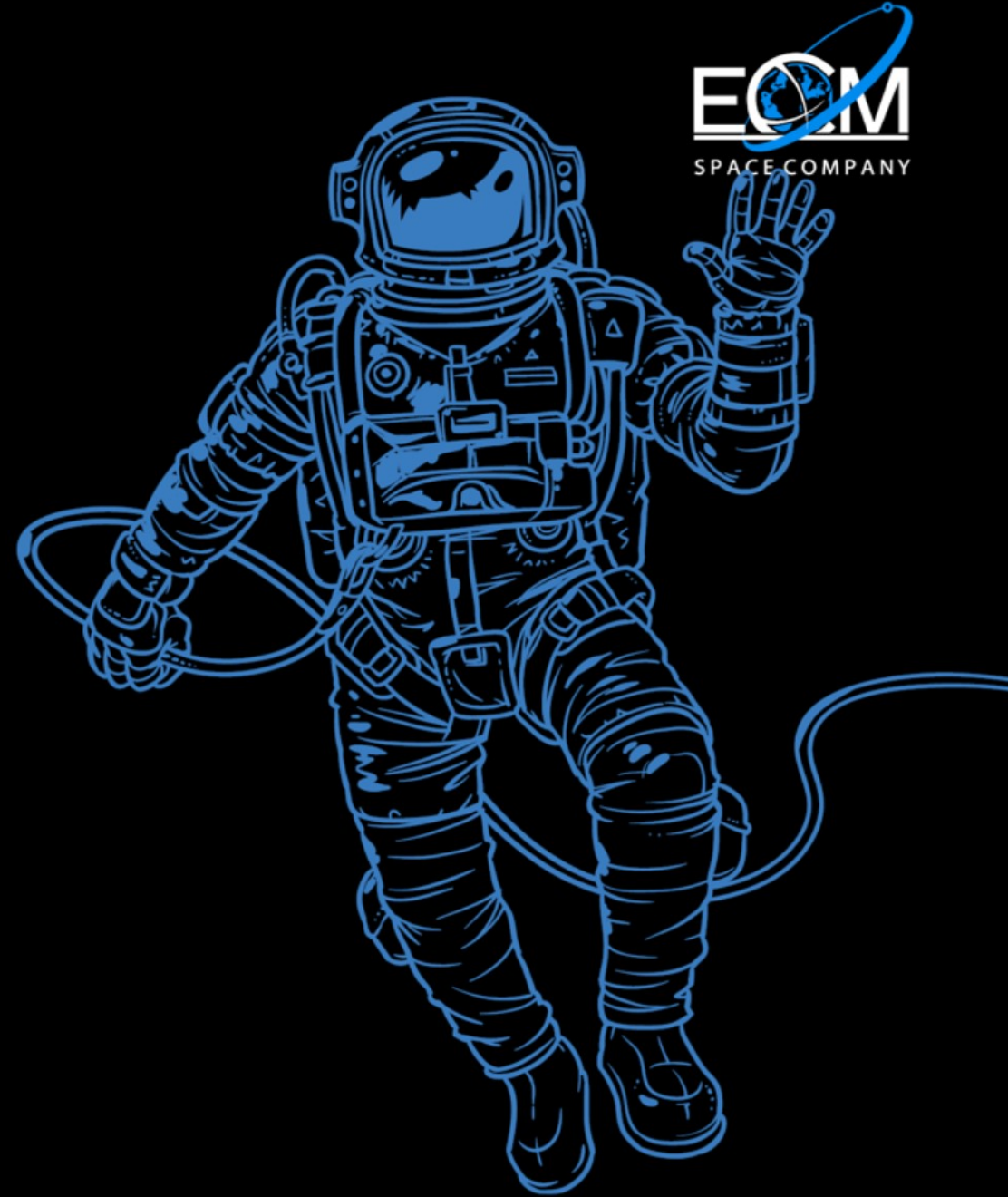
Invest  
Ottawa

UQO

AÉRO  
MONTREAL

# WHY CANADA?

- 1. U.S. within reach
- 2. Canada is saturated with engineering talent
- 3. Invest Ottawa



# INVEST OTTAWA

- Assistance with HR, business registration, immigration, taxation, and regulatory issues
- Access to Invest Ottawa's networks
- Business advice with market insight
- Cool facility









# RADARSAT-2 derived flood extent - Ottawa River

## L'étendue des inondations extrait d'image RADARSAT-2 - Rivière des Outaouais

26 April 2019, 22:54 UTC / 26 avril 2019, 22:54 UTC

Lower Ottawa, QC  
Cours inférieur de la rivière  
des Outaouais - South Nation, QC

75° 52' 00" W / 45° 31' 52" N



### Flood extent / L'étendue des inondations

- Permanent Water Bodies/Plan d'eau permanent
- Open Water Flood/Inondation en milieu ouvert
- Flooded Vegetation/Végétation inondée
- Urban Flood/Inondation en milieu urbain

0 5 10 km

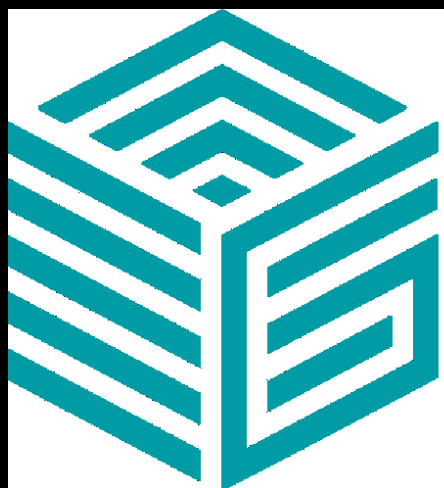


Produced by the Canada Centre for Mapping and Earth Observation, Natural Resources Canada. Produit par le Centre canadien de cartographie et d'observation de la Terre, Ressources naturelles Canada.

The open water flood products are derived from RADARSAT-2 images with a system developed and operated by the Strategic Policy and Results Sector of Natural Resources Canada © Department of Natural Resources Canada. All rights reserved. Les produits de l'étendue des eaux libres liés aux inondations sont réalisés à partir d'images RADARSAT-2, à l'aide d'un système mis au point et exploité par le Secteur de la politique stratégique et des résultats de Ressources naturelles Canada © Ministère des Ressources naturelles du Canada. Tous droits réservés.

RADARSAT-2 © Maxar Technologies Ltd. (2018)





GROOVE



# Typical mission timeline

PHASE 1 →



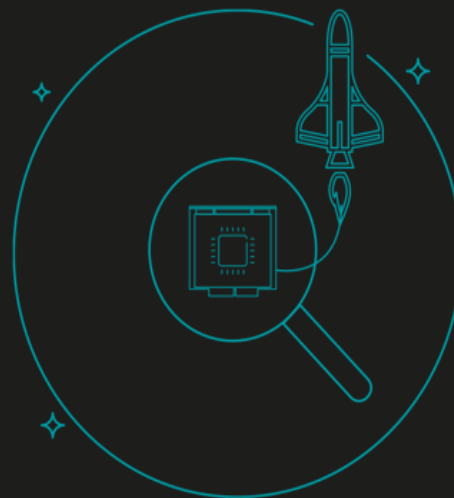
Online registration, Slot  
booking & Mission  
Specification

PHASE 2 →



Development, production  
and delivery of  
PayloadSlots

PHASE 3 →



Verification of  
PayloadSlots. Integration  
and launch to the orbit

ON ORBIT



On Orbit Verification of  
your mission after  
successful launch

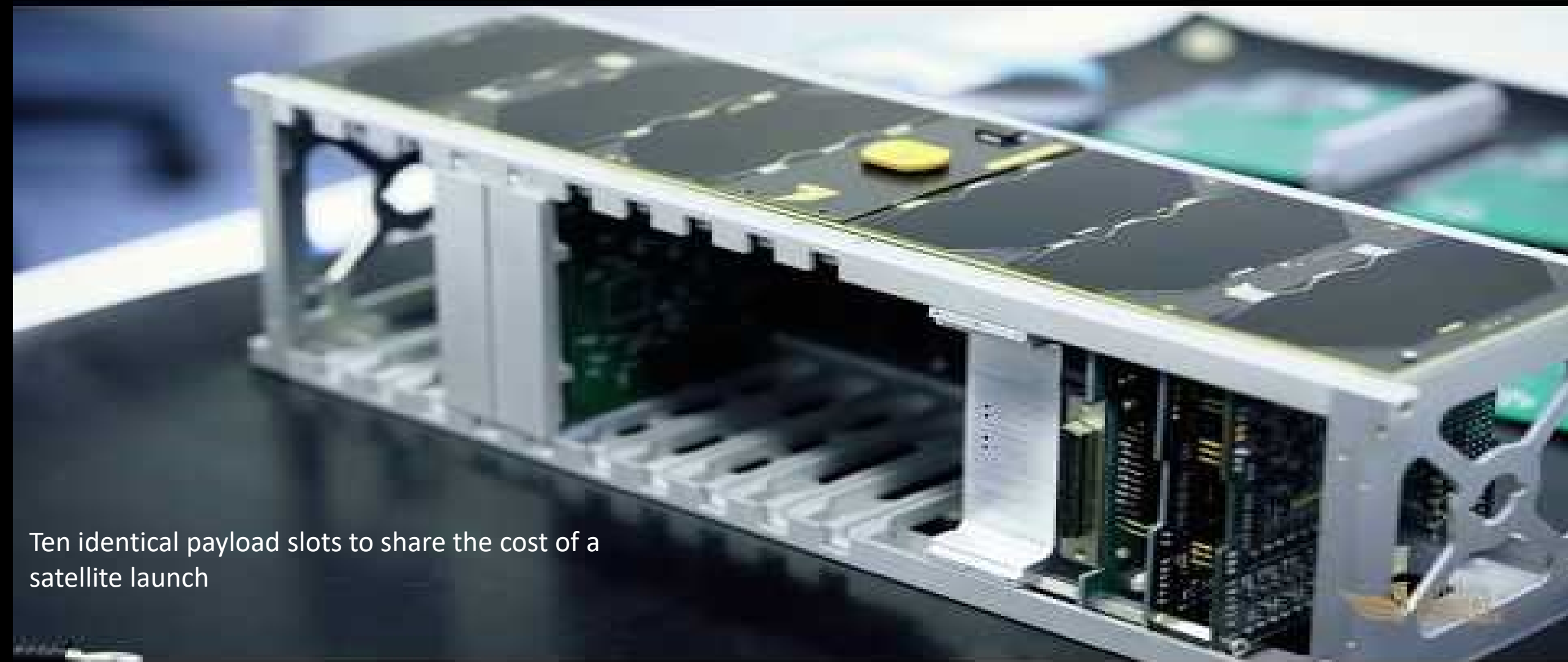
Registration Now till Q2 2019

6 Month

3 - 6 Month

1 Year





Ten identical payload slots to share the cost of a satellite launch

# EXO LAUNCH



# As per Space.com

- **Oct. 17:** A **SpaceX** Falcon 9 rocket is expected to launch the second batch of approximately 60 satellites for SpaceX's Starlink constellation.
- **Oct. 21:** Northrop Grumman will launch the **Cygnus** NG-12 cargo mission to the International Space Station. It will lift off from Wallops Island, Virginia on an Antares rocket at 2:39 p.m. EDT (1839 GMT).
- **By the end of October:** The **Boeing CST-100 Starliner** may launch on its first uncrewed mission, called the Orbital Test Flight (OFT), to the International Space Station. It will lift off from Cape Canaveral Air Force Station in Florida on a United Launch Alliance Atlas V rocket.
- **India** will launch the first Cartosat 3-series Earth observation satellite.
- **India's** Polar Satellite Launch Vehicle (PSLV) will launch the RISAT 2BR1 radar Earth observation satellite for the Indian Space Research Organization.
- An International Launch Services Proton rocket will launch the Eutelsat 5 West B communications satellite and the first Mission Extension Vehicle for Northrop Grumman. It will lift off from the Baikonur Cosmodrome in Kazakhstan.

# The future...

ECM Space plans to leverage our European experience to win business in North America.

Please introduce yourself if you are excited about working on space projects.

Chris Cook

Sales Director| ECM Space

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