







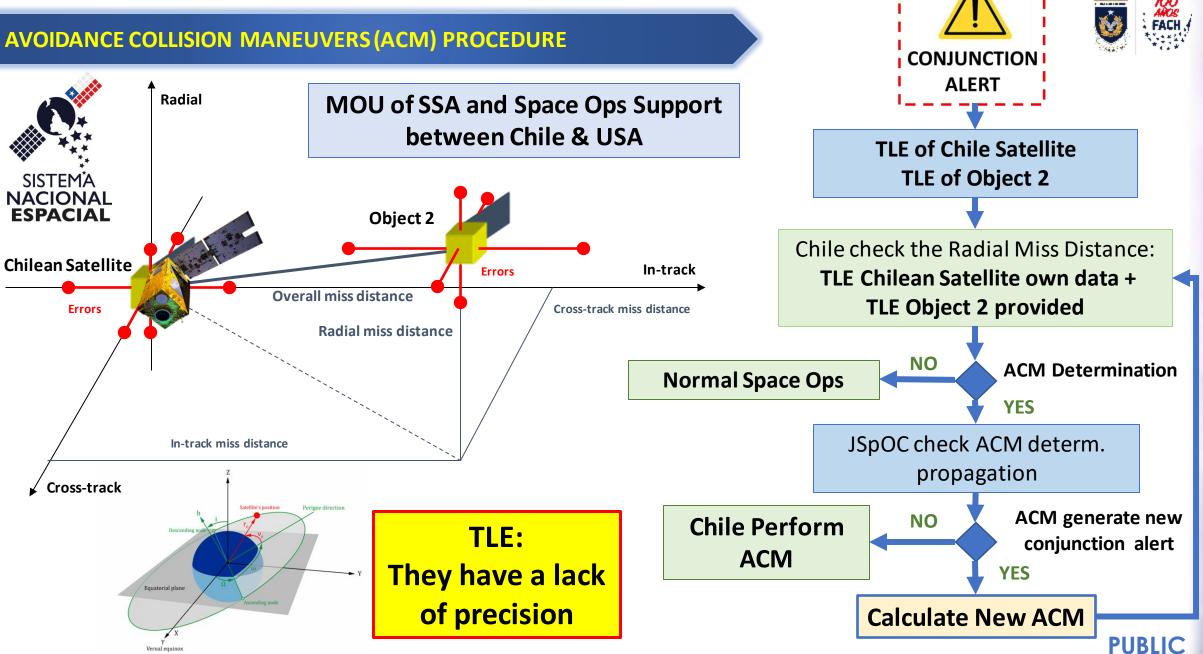
# "Space Traffic Monitoring – Raven Telescope"

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# **SPACE OPERATION EXPERIENCE**



# **LOCATION OF SSA SENSORS**

**TLE: They have a** lack of precision



**LOCATION OF SSA SENSORS MOSTLY** IN THE NORTHERN HEMISPHERE





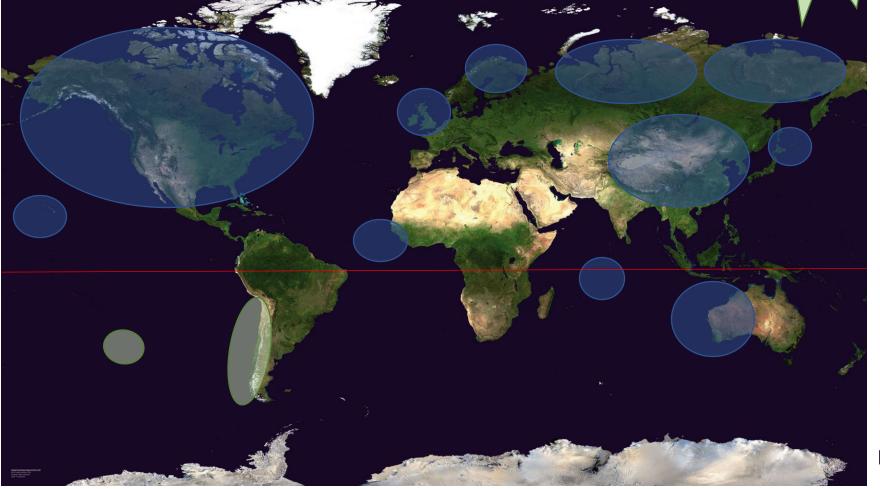




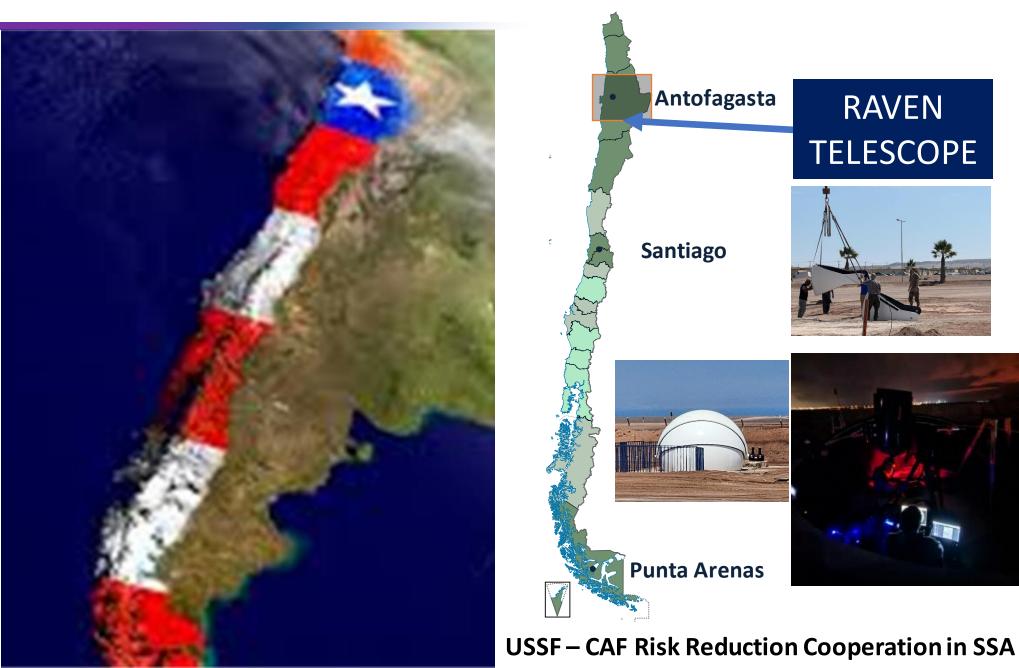








# **INSTALLATION THE RAVEN TELESCOPE**













# **RAVEN TELESCOPE ACTIVITIES**



### **RAVEN TELESCOPE**



CHARACTERIZE OBJECTS IN THE SPACE





- It varies between 0.3 and 0.6 meters depending on the need and application.
- Commercially standard ready to use both in HW/SW
- First in Latin America with these characteristics.





Installation - Calibration -

Training - Operation

## **SPACE TRAFFIC MONITORING STRATEGY**

# FACH /

#### **NEXT STEPS**







Create new network cluster with national and internationals partners





**SSA** 











Create regulatory framework
Integrate into the international community of

PUBLIC

# "Space Traffic Monitoring – Raven Telescope"



### **CONCLUSIONS**



- Chile wants to contribute to space traffic monitoring for all mankind.
- Installing Telescope for SSA in Chile will contribute to get more data of object in the Earth's orbits.
- That will allow, in the future, obtain more accurate TLE of objects in outer space for safe space operations and other purposes.



