



## Session 7

Discussion about current challenges

## CURRENT CHALLENGES

- Continue to see a rise in global conflict – and different types of conflict
- Increasingly complex and more capable weapons systems being developed/deployed
- Increasing risk of “conflict overspill” impacting other countries in the region
- Potential for localised conflicts to become regional conflicts remains

**October 2024 –Lebanon:** the Israel/Hamas conflict has seen ongoing use of ballistic, cruise, improvised missiles, UAVs and military air strikes across the wider region by multiple parties. This has included regular attacks against Lebanon, including in and around Beirut International Airport which remained operational almost throughout



# CURRENT CHALLENGES

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## November 2024

A number of aircraft were struck by small arms fire on approach and departure from Port-au-Prince airport in Haiti. This includes some damage to the inside of the cabin. The incidents were linked to ongoing gang violence around the Haitian capital



## Electronic Interference – Jamming and Spoofing

- **Jamming:** The intentional use of radio frequency interference (RFI) to disrupt or prevent GNSS receivers from locking onto satellite signals
- This tactic renders GNSS systems unusable or degrades their performance, making it difficult or impossible for users to obtain accurate position, navigation, and timing information
- **Spoofing:** Involves broadcasting counterfeit GNSS signals to trick receivers into believing they are in a different location or time
- This tactic can lead to incorrect position, navigation, and timing data, potentially causing navigation systems to lead users astray or make them believe they are in a different location



INTERNATIONAL  
MARITIME  
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**JOINT STATEMENT**

by

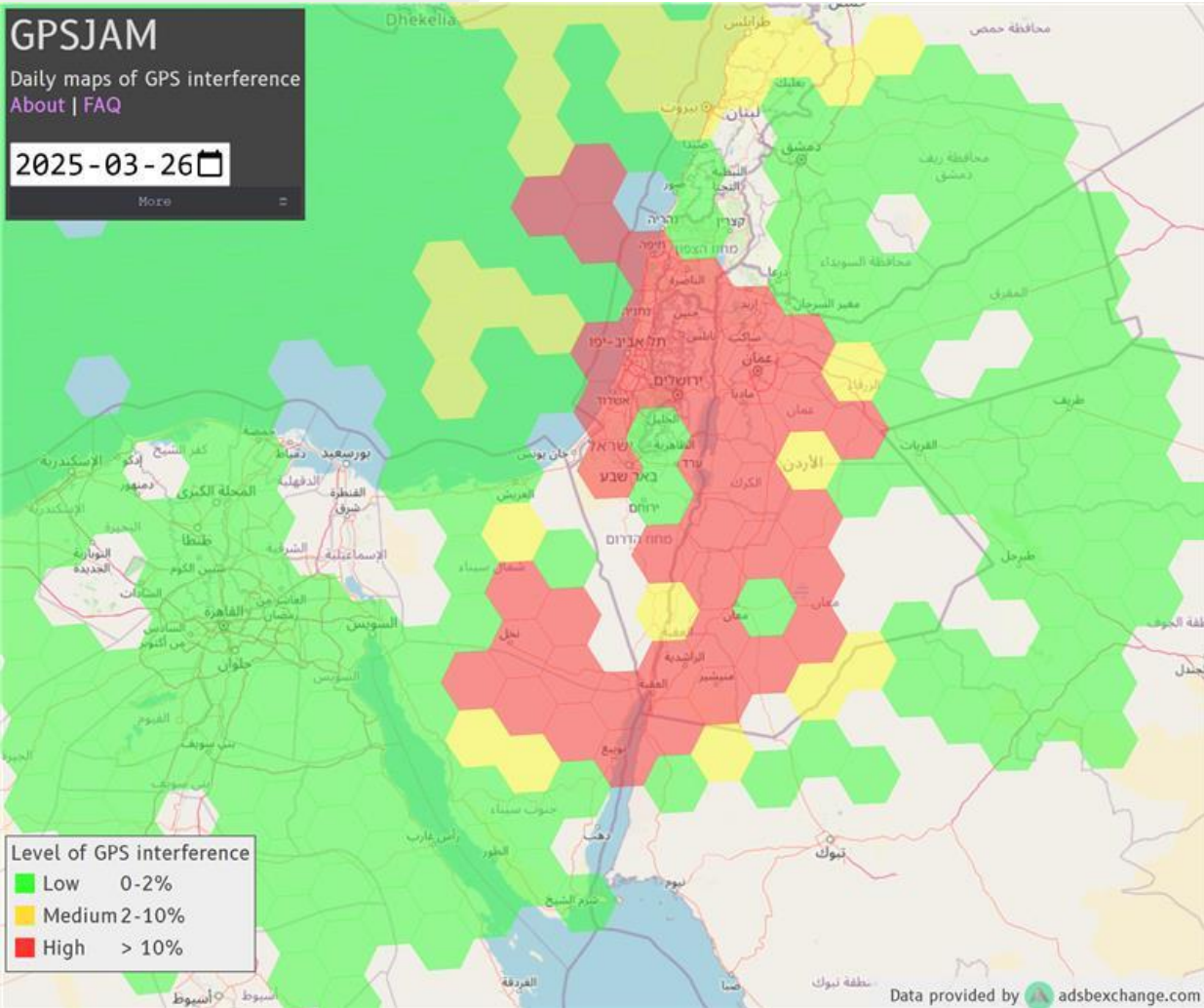
**The Secretary General of the International Telecommunication Union,**

**The Secretary General of the International Civil Aviation Organization,**

**The Secretary General of the International Maritime Organization**

regarding

**PROTECTION OF THE RADIO NAVIGATION SATELLITE SERVICE FROM HARMFUL INTERFERENCE**



Are there other current challenges **you** think we collectively face?