

# “The ITU – Challenges in the 21<sup>st</sup> Century: Preventing Harmful Interference to Satellite Systems”

Satellite Services and interference – The Current Situation

Geneva  
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P Harrison, Intelsat

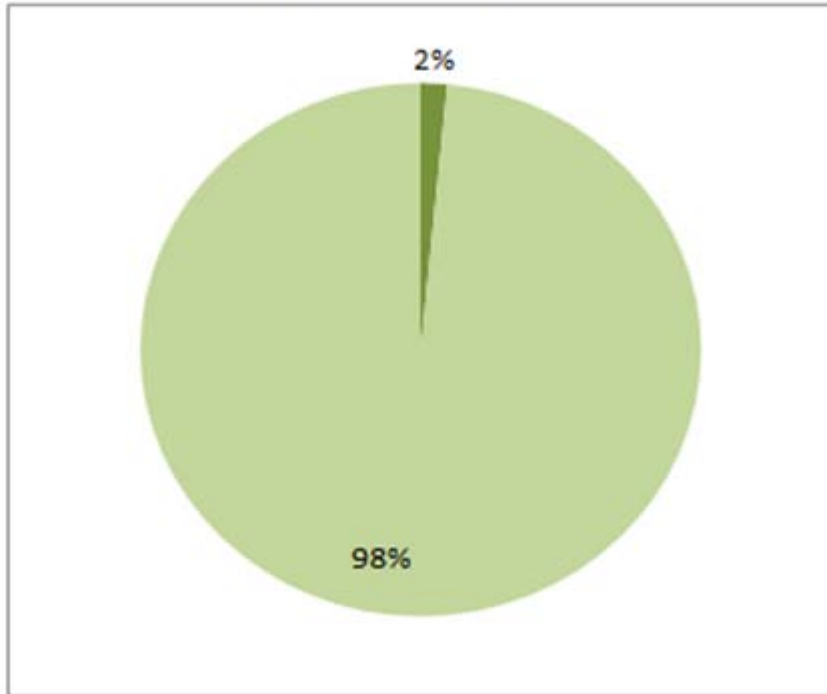
# Satellite Services and Interference – The Current Situation

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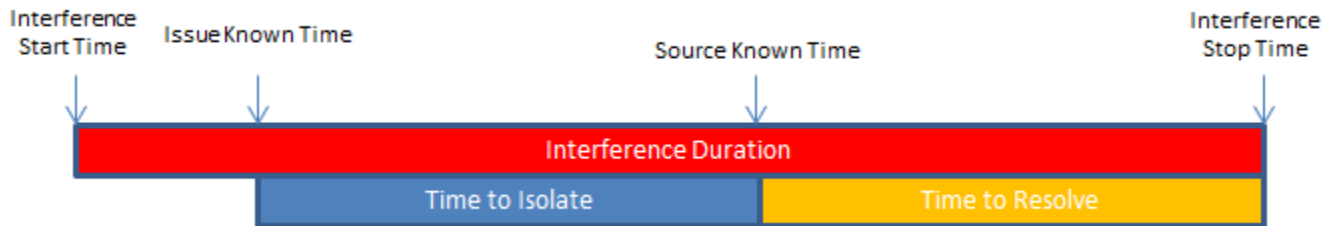
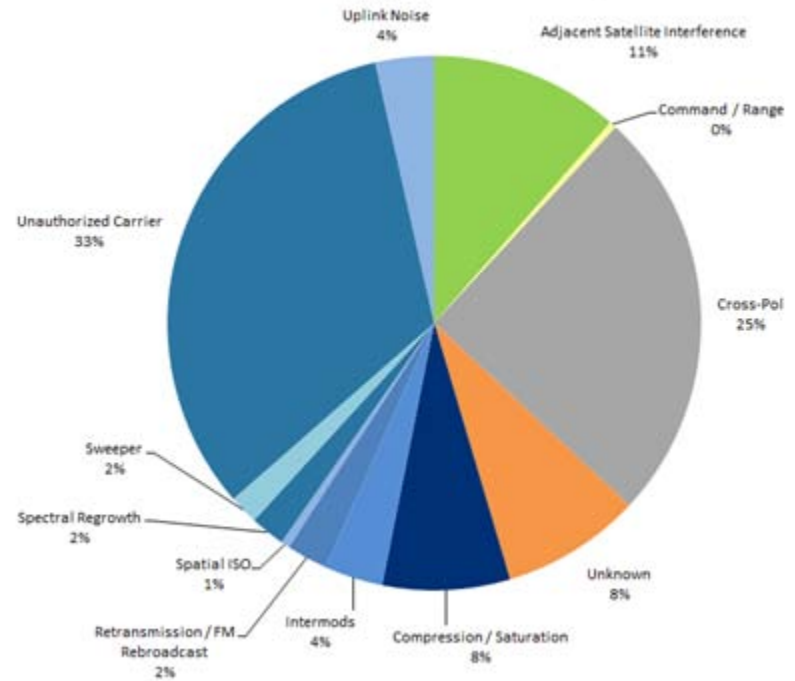
- **Intelsat Interference Metrics**
- **Intelsat Initiatives:**
  - **Training**
    - Staff
    - Customer
  - **Interference Tool Box**
    - Geolocation
    - Carrier ID
    - Data Sharing – SDA
    - Experienced Staff

# Satellite Services and Interference – “Metrics”

Capacity impacted by Interference



Interference Type Breakdown by Ticket



# Satellite Services and Interference – The Current Situation “Tool Box”

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- Interference Tool Box
  - Geolocation
    - Improved capabilities
  - Carrier ID
    - Carrier ID working groups
    - The DVB-CID specification has been officially published by ETSI
    - Developing an implementation plan for Intelsat teleports
  - Data Sharing
    - SDA - Interference requirements under review
  - Experienced Staff

# Satellite Services and Interference – The Current Situation *“Initiatives”*

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- Training:
  - GVF Courses sponsored by Intelsat (Intelsat employees and customers)
    - Intelsat Internal students: 275/Intelsat sponsored students (customers): 1042
    - Intelsat Courses below: 765/Intelsat sponsored courses below: 1154
      - Intelsat Examiners: 12
      - Intelsat Examiner Teleports: FUS, Napa, MTN, ATL, RVS
  - SlingPath Courses sponsored by Intelsat (SNG)
    - Intelsat Internal and External combined: 117

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Thank you!

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