Space Services and Security
- a broadcaster perspective

Cath Westcott
BBC World Service Group Distribution
GLIS 2016, ITU Geneva June 2016
The BBC “Bringing the UK to the world and the world to the UK”

29 Languages
Radio, TV and Online

Reaches 320 million people weekly
(BBC World Service, BBC World News, BBC.com and BBC Media Action)

Headline sales of £1,001.8m, £226.5m returned to BBC (2014/15)

BBC Mission
To enrich people's lives with programmes and services that inform, educate and entertain
BBC World Service - 84 years and counting

Shortwave radio
1930s

Satellite broadcasting
1996/2007

Web and mobile
2000 onwards
Satellites are the backbone of our international operations
Universal Declaration of Human Rights
1948

Article 19

Everyone has the right to freedom of opinion and expression; this right includes freedom to hold opinions without interference and to seek, receive and impart information and ideas through any media and regardless of frontiers
Targeted interference to uplink and downlink

Uplink - MBC Masr
March 2014

Downlink - BBC Persian TV
2015/16

Uplink - Al Jazeera Sport TV
June 2010
Article 45 Harmful Interference

(197) All stations, whatever their purpose, must be established and operated in such a manner as not to cause harmful interference to the radio services or communications of other Member States or of recognized operating agencies, or of other duly authorized operating agencies which carry on a radio service, and which operate in accordance with the provisions of the Radio Regulations.

Article 34 Stoppage of Telecommunication

(181) Member States also reserve the right to cut off, in accordance with their national law, any other private telecommunications which may appear dangerous to the security of the State or contrary to its laws, to public order or to decency.
Challenges Involved in Resolution

**TECHNICAL**
- Evidence and Mitigation - geolocation, monitoring, tactical solutions, satellite configuration, on-board technologies

**REGULATORY**

**DIPLOMATIC**
- Activity at ITU Plenipotentiary 2010, 2014
- Activity at ITU WRC-12, WRC-15
- UNGGE work on Transparency and Confidence Building Measures in Outer Space
Thank you