

# COMSAT Advisory Board (CAB)

## GCSB Update

21 March 2012



The Overall Classification of this briefing is:  
S E C R E T COMINT REL TO NZL FVEY



# Topics



- GCSB Management/Economic Climate
- Ploughshares Update
- IRONSAND Mission
- SHAREDQUEST
- General



# GCSB Management/Economic Climate



- Senior Management changes
  - Director, GCSB  
Mr Ian Fletcher, wef 1 Feb 12



# GCSB Management/Economic Climate



- Senior Management changes
  - Director, GCSB  
Mr Ian Fletcher, wef 1 Feb 12
- Government policy
  - Co-location of GCSB and NZSIS underway
  - Economic pressures unprecedented
  - Demand for performance & value for money
  - No new money over the next 2-3 yrs



# Radome Incident – 30 Apr 08





## Ploughshares Update



- Civil proceedings - Judgement
- Court of Appeal
- Way ahead



## IRONSAND Mission

- Satellite changes
  - IS-701 replaced by IS-18

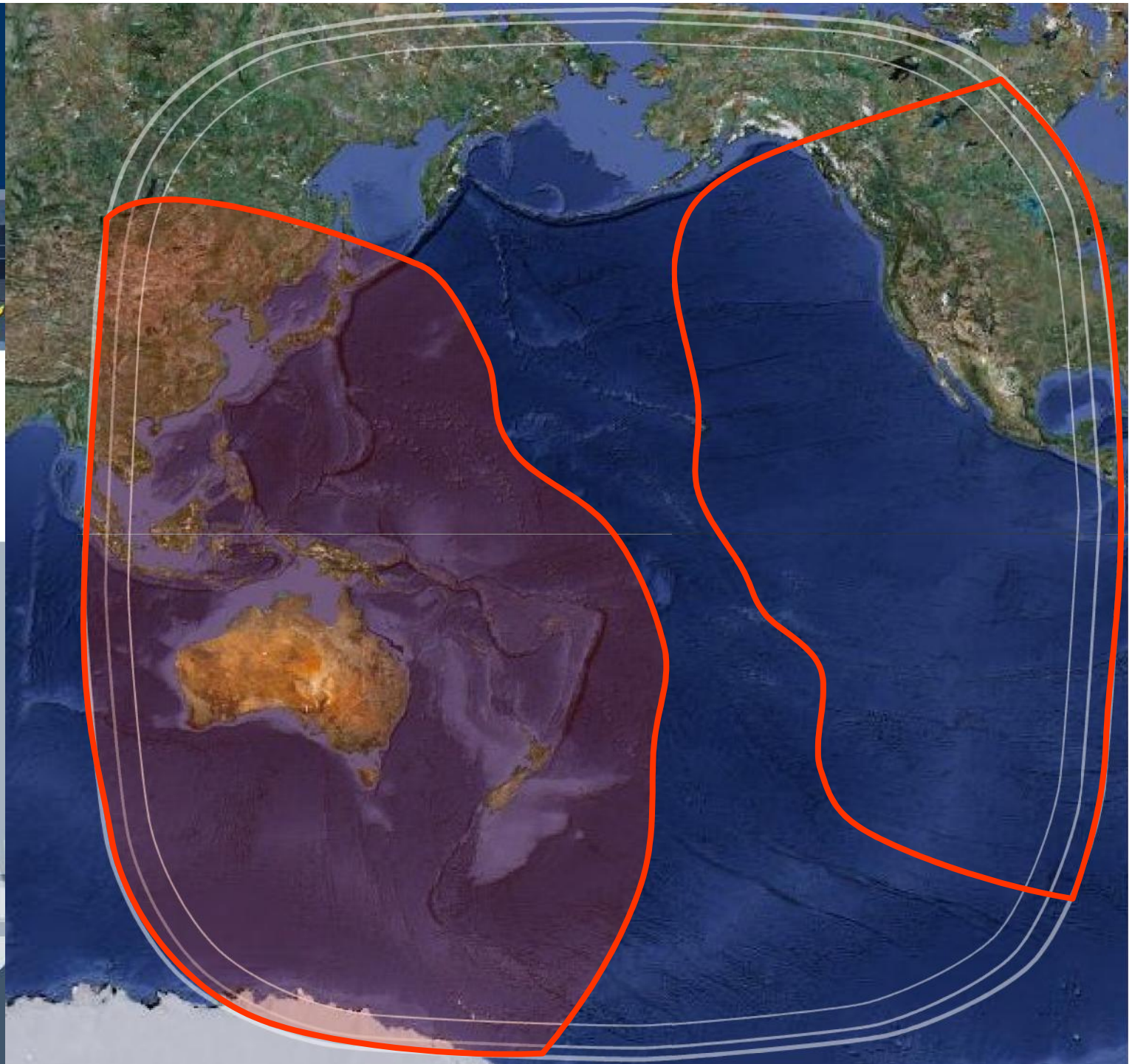




Intelsat IS-701  
180° East

GCSB

Beams in View:  
Global  
Western Hemi



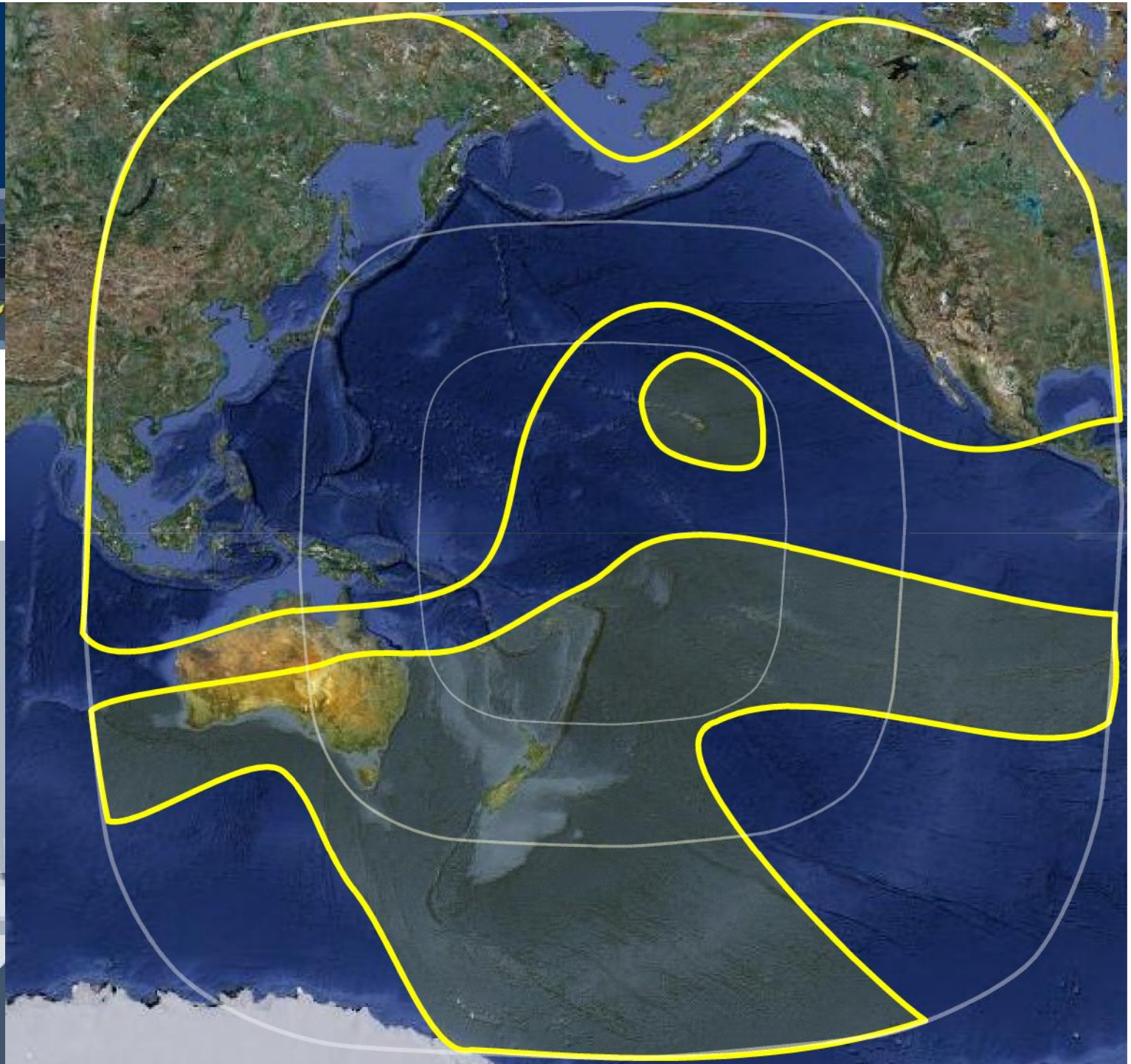




Intelsat 18  
180° East

GCSB

Beams in View:  
Global  
Southern Hemi





## IRONSAND Mission



- Satellite changes
  - IS-701 replaced by IS-18
  
- New Technologies
  - Now affecting South Pacific mission:
    - WAN Optimization – SILVER PEAK
    - PCMA carriers
    - VSAT –ViaSat Skylinx VSAT links being replaced by a Huawei VoIP system



## IRONSAND Mission



- Satellite changes
  - IS-701 & IS-18
  
- Technology changes
  - Recent intro of
    - WAN Optimization – SILVER PEAK
    - PCMA carriers
    - VSAT – ViaSat Skylinx VSAT being replaced by a Huawei VoIP system
  
- Project SPEARGUN underway



# SHAREDQUEST (SQ)



- DARKQUEST (DQ)
  - Initial capability installed Nov 10
  - DQ upgrade this week
  - Phase II funding delayed



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  - DQ upgrade this week
  - Phase II funding delayed
- FALLOWHAUNT (FH)
  - Installed Nov 10
  - No KEYCARD capability



# General



- NSA T&F Up-grade
  - Installation scheduled for May 2012



# General



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- APPARITION
  - MoA signed
  - Installation planned for June 2012



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- APPARITION
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- GPS – reference installation – Sep 12
- SHADOWCAT awaited





WAIHOPAI



QUESTIONS?

