

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

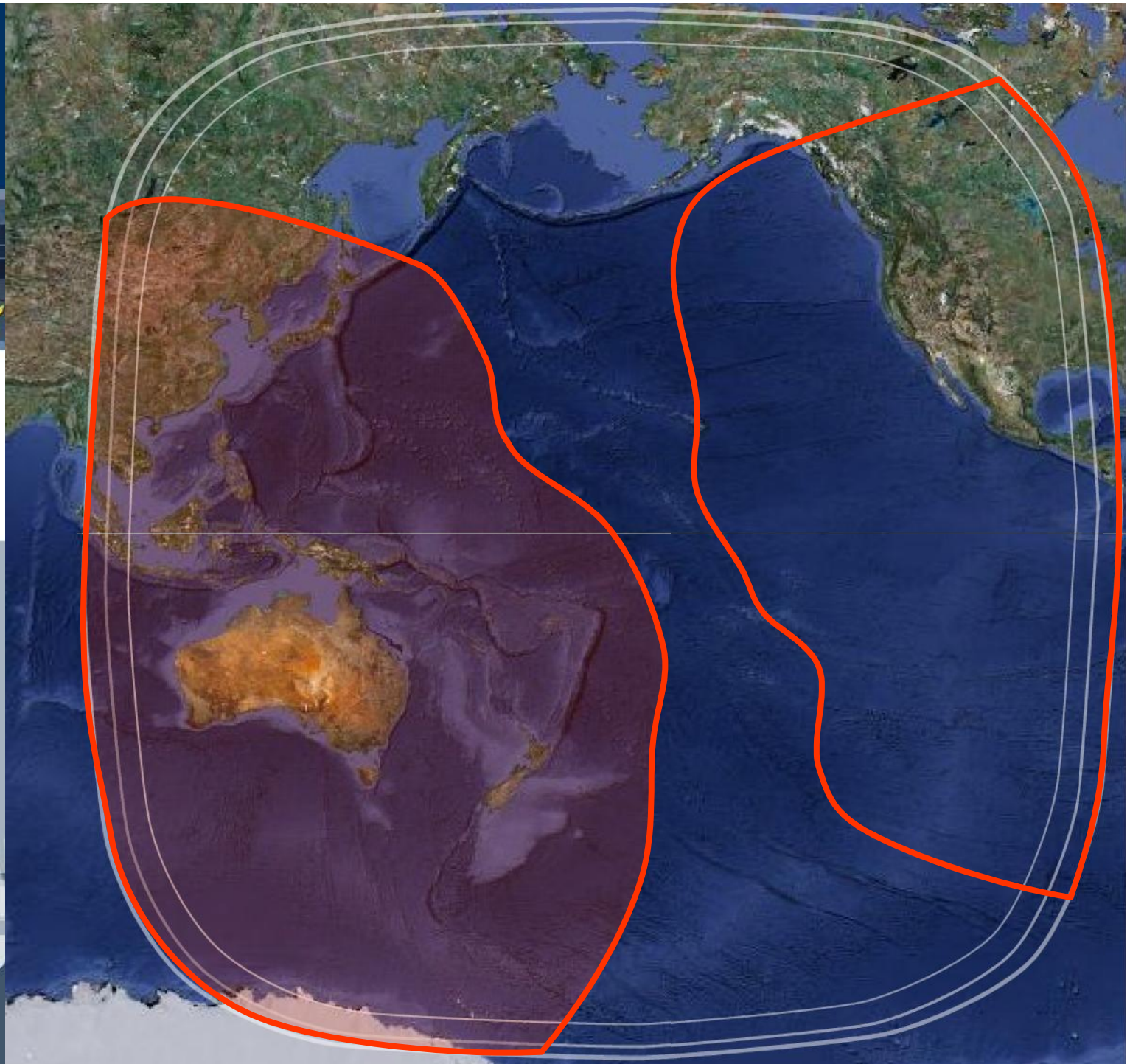




Intelsat IS-701
180° East

GCSB

Beams in View:
Global
Western Hemi

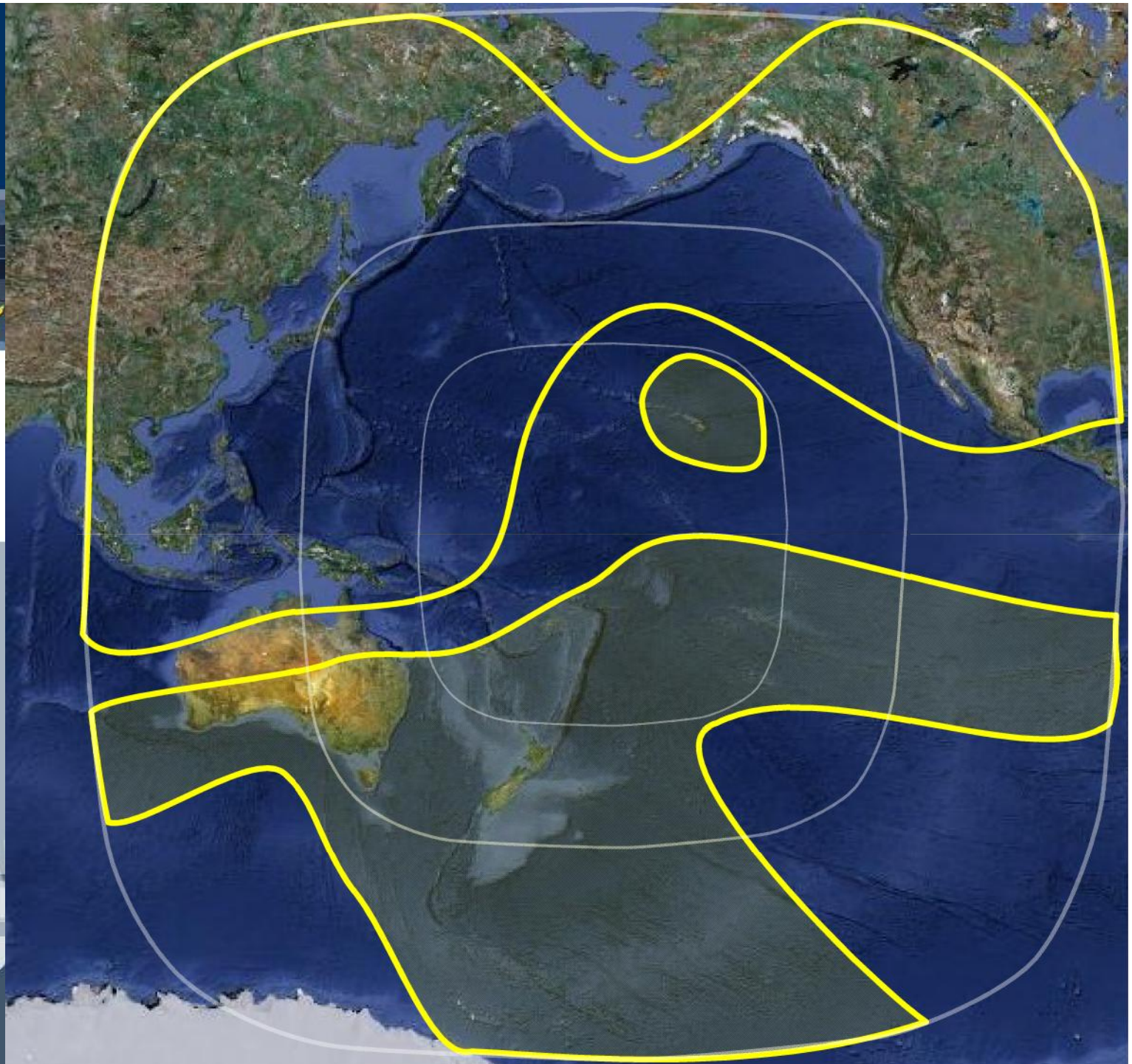




Intelsat 18
180° East

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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 - Initial capability installed Nov 10
 - 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



General



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- APPARITION
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 - Installation planned for June 2012
- GPS – reference installation – Sep 12
- SHADOWCAT awaited



WAIHOPAI



QUESTIONS?

