



COMSAT Advisory Board (CAB)

GCSB Update

22 April 2010

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



Topics



- Economic Climate
- Court Decision
- SV and SSA
- IS Virtualisation Visit
- IRONSAND Way-ahead
- GNF Meeting



Economic Climate



- Budget challenges

- Fallout



Radome Incident – 30 Apr 08





IRONSAND – Today





Court Decision



- Ploughshares activists
- Jury verdict
- Consequences



SV and SSA



○ SV

- VA – causes some tasking issues - version
- SB
 - Impressed with v4b GUI and capabilities
 - One issue relating to tasking multiple C7 carriers – LMAL investigating
- SF – central repository for new QRC scripts?
- Lopers – awaiting I-Gate specific update

○ Since IRONSAND Mission Transition

- Virtualisation has delivered significant improvement in the operational availability of the SV sub-systems



STATISTICS for February 2010



Availability

**Statistics are used to gauge operational performance.
Part of this effort is to determine system availability**

Based upon available minutes per month verses outage minutes

System / Item	% Available
CALIX	100.0
COMMONGROUND	100.0
Comms/Forwarding	100.0
Demodulators - COTS	100.0
Down Converters - COTS	100.0
DUALTI RE	100.0
FLUTE	100.0
FRESNELEFFECT	100.0
JACKHAMMER	100.0
JUGGERNAUT	100.0
KILOMISER	100.0
KRAUSS	100.0
LATENTHEAT	100.0
LEGALREPTILE	100.0
LOPERS D1	100.0
LOPERS M1	100.0
MOONSCAPE	100.0
SEMITONE	100.0
SSA	100.0
STONEGATE	100.0
SURFBOARD	100.0
VENUSAFFECT	100.0
VINEYARD	100.0
VINTAGE	100.0
WEALTHYCLUSTER	99.9

**System downtime
51mins over the
month of Feb**



STATISTICS for March 2010



Availability

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JACKHAMMER	100.0
JUGGERNAUT	100.0
KILOMISER	100.0
KRAUSS	100.0
LATENTHEAT	100.0
LEGALREPTILE	100.0
LOPERS D1	99.9 *
LOPERS M1	100.0
MOONSCAPE	100.0
SEMI TONE	100.0
SSA	99.4
STONEGATE	100.0
SURFBOARD	99.4 *
VENUSAFFECT	100.0
VINEYARD	100.0
VINTAGE	100.0
WEALTHYCLUSTER	99.8 *

**System downtime
265mins
over the
month
of March**

* = outage
due to SSA
fault



IS Virtualisation Visit



- FORNSAT

- Approved and funded IS virtualisation experts visit to NSA and LM, 22-26 Feb 10

- VQUEST Initiative

- The way forward for SHAREDQUEST



IRONSAND Way-ahead



- TORUS now enabling an increase of COMSAT/FORNSAT collection
- MHS Technical Exchange
 - [REDACTED] & [REDACTED] to visit IS, 26-30 April 2010
 - To brief IS on the MHS 'Collect It All' initiative
 - To investigate IS virtualisation and Data Centre concept
- Procurement of FH2 initiated



GNF



- o Next meeting 18-20 May 2010
- o To be hosted at IRONSAND



WAIHOPAI



QUESTIONS?

