

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



IS Virtualisation Visit

IRONSAND Way-ahead

GNF Meeting



Economic Climate



Budget challenges

o Fallout



Radome Incident – 30 Apr 08

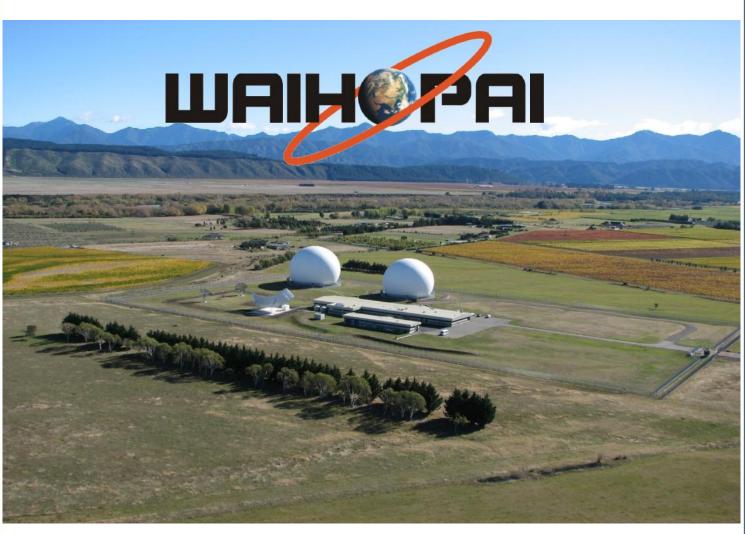






IRONSAND – Today







Court Decision



Ploughshares activists

Jury verdict

Consequences



SV and SSA



- o SV
 - VA causes some tasking issues version
 - SB
 - o 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 I RONSAND Mission Transition
 - Virtualiation 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
DUALTIRE	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
SEMITONE	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



o 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

- 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







QUESTIONS?

