



Integral

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**Integral Operations Co-ordination
Meeting (25/11/2013)**

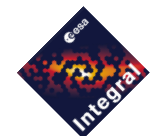
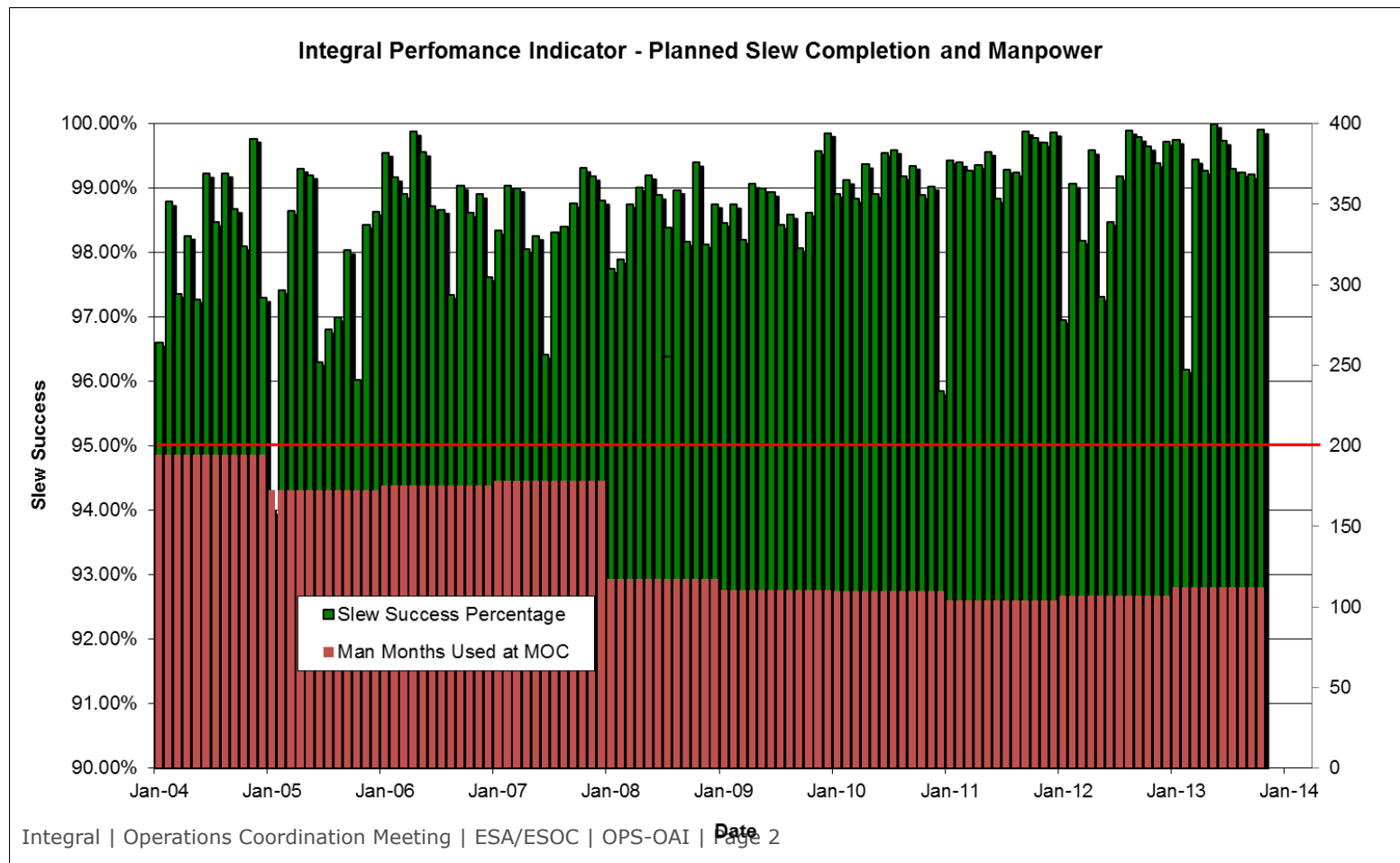
Spacecraft Status and Consumables

Operations Performance



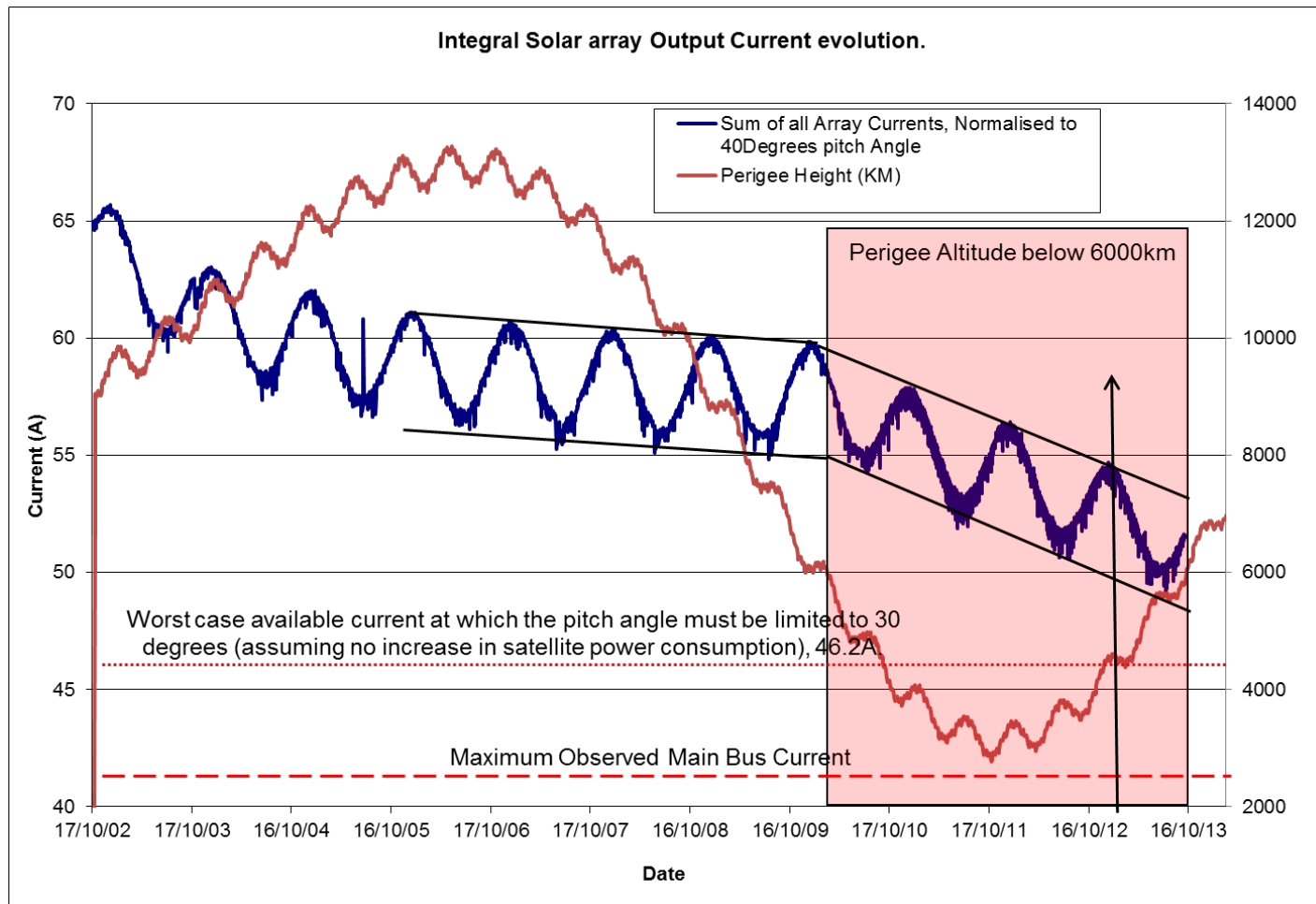
■ Slews Completed and Manpower Used

- Slew execution is the most complex operation and requires the entire Ground Segment to be working end to end in both directions

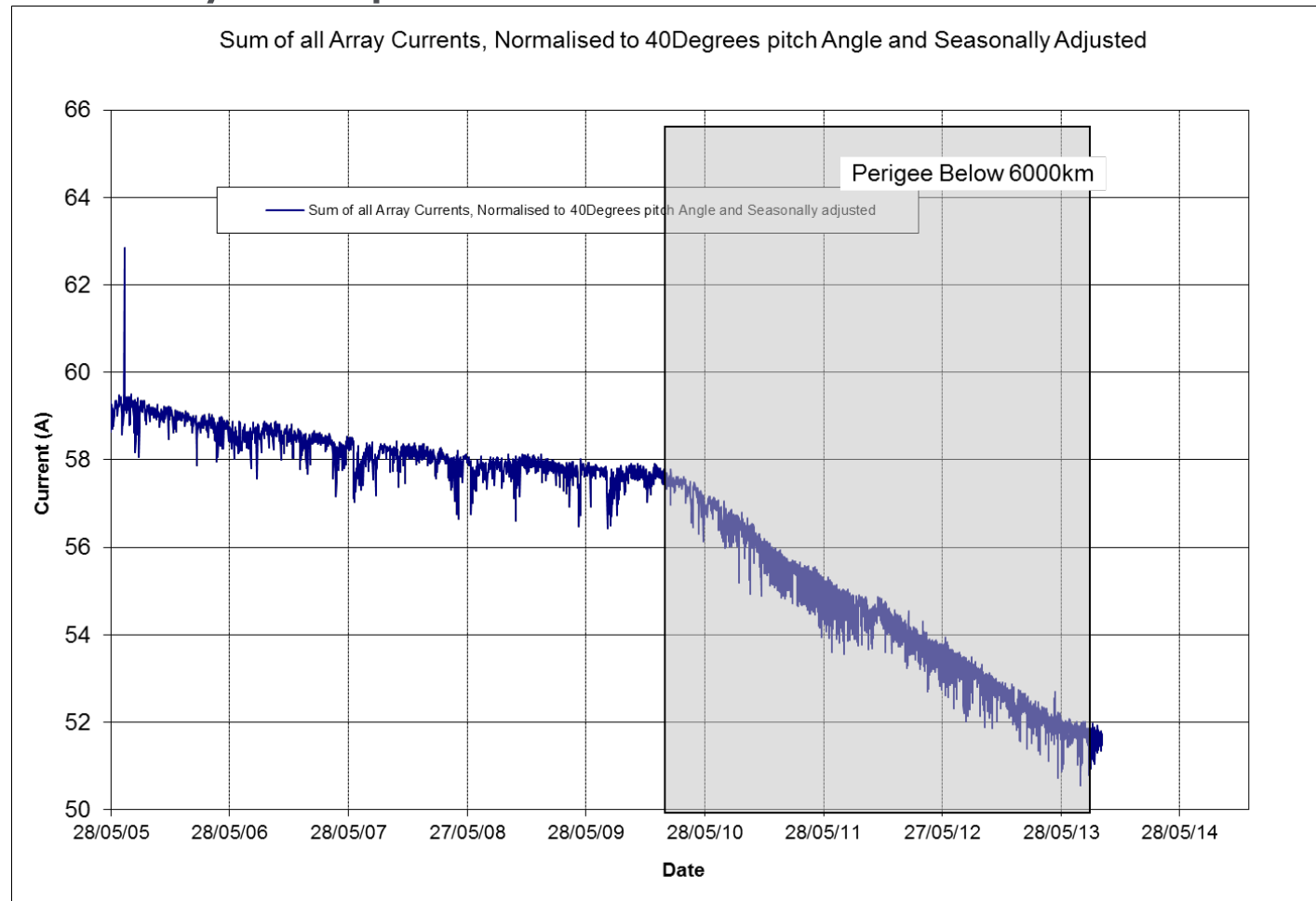


- No Significant new Platform Anomalies
- Number of registered (on ground) STR blemish pixels 8
 - Further 27 suspect
- Results of calibrations indicate continuous slow evolution
- No effects of proton belts passage observed except on arrays, STR and SAS (solar cell)
- Batteries appear healthy – reconditioning #5 in spring 2011.

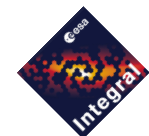
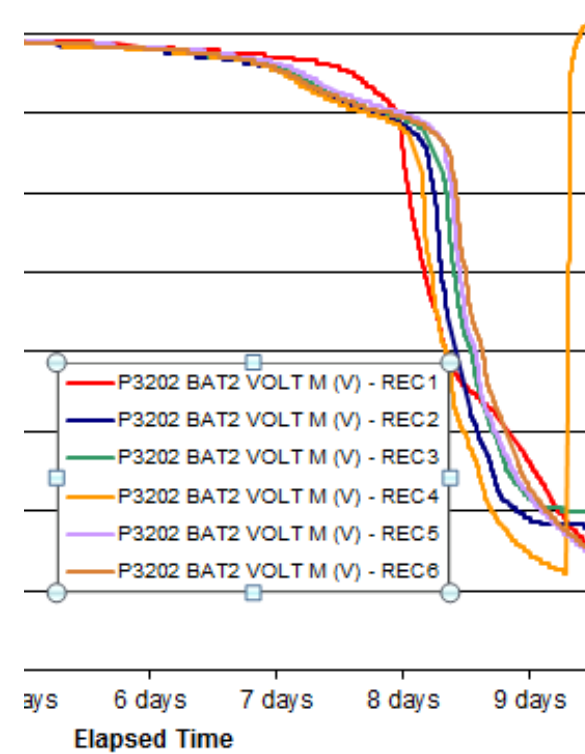
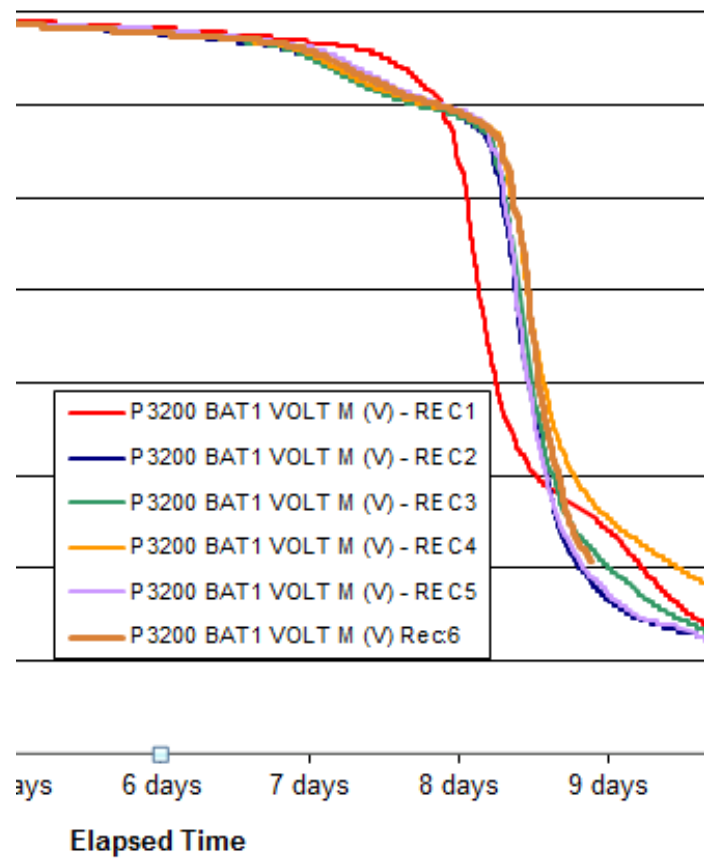
■ Array Output Since Launch



■ Array Output Since Launch – No Seasonal

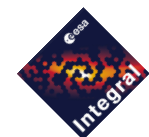
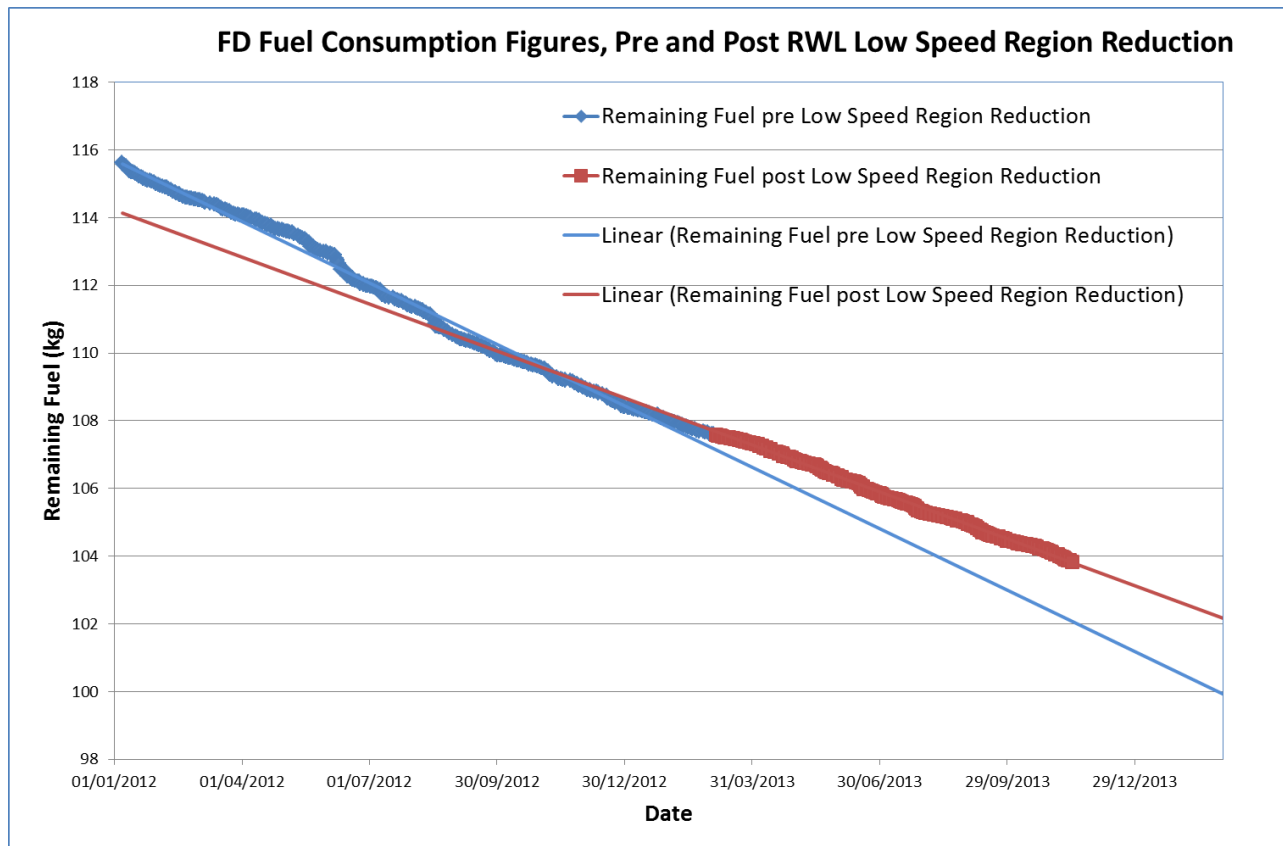


Battery Capacity



- Fuel Consumption
 - About 104kg remaining
- Number of Wheel biasing operations required reduced by reducing size of constrained low wheel speed region
 - Usage reduced from 0.57kg to 0.46kg monthly average – preliminary figures

Satellite Health and Consumables II



■ Little Influence over Long Term Evolution

