SPF Work session
13:30-15:00

SKA Engineering Meeting
Penticton, Canada
11 November 2015
Agenda

• Welcome (Jean)
• SPF B1 (Miroslav)
• SPF B345 (Angela)
• General (Isak)
• PM/SE (Jean)
• Close
SPF B1 (Miroslav)

- Band 1 feed development status
- Prototyping and DVA-1 installations
- B1 Cooled and ambient designs
- Verification plans
- Feed package SE and design process (Terese)
• Organisation and plans
• Heat load studies
• IR filters
• Down select (combined or not)
• Baseline design
• Progress on B5 feed horn
General SPF Items (Isak)

• Vacuum levels
  – Initial pressure
  – Valve size
• Cooling studies
• Cold head selection
• RF power detection in feed packages
PM/SE (Jean)

- Plans to DDR
- Internal ICDs
- Development specifications and design reports
- Configuration management
Closure…