

# 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)

# SPF B345 (Angela)



- 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



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



Closure...