Possible request for change: HI intensity mapping

- Changes to frequency band? (350–1150 MHz, 0.23 < z < 3 at the moment)

- HI Intensity mapping provides the best constraints on dark energy with SKA1 at the moment...
Possible request for change: HI intensity mapping

- Frequency band: from 350–1150 MHz (0.23 < z < 3) to 350–1400 MHz (0.014 < z < 3) – RFI issues? (reducing bandwidth will require more integration time and may affect foreground cleaning)

- Make sure we have the calibration accuracy to reduce polarization leakage

- Consider drift scanning for the full sky surveys? (stability of the pointings)

- For the interferometer survey:
  - “only” need 20m to 70m baselines…
  - Can we make a few clusters of ~ 10 dishes packed together within the core?

- Dish size (not a request):
  - Dish survey prefers larger dishes (>30m)
  - Interferometer survey would prefer smaller dishes (< 10m)