

# Discussion: Surveys

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- ◆ Wiki for communication
    - ◆ Survey parameters and complementarity
    - ◆ Survey area
    - ◆ Reference fields
  
  - ◆ Common databases
  
  - ◆ Variability of absorption lines
  
  - ◆ Do we need additional coordination or any planning?
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**Table 1:** Summary of various upcoming H I 21-cm absorption line surveys

Survey	Frequency coverage (MHz)	Redshift range (H I 21-cm)	Time per pointing (hrs)	Spectral rms per $\sim 5 \text{ km s}^{-1}$ (mJy/b) <sup>†</sup>	Sky coverage (deg <sup>2</sup> )	Total time (hrs)	No. of sight lines <sup>‡</sup>
Apertif SHARP	1130 - 1430	0 - 0.26	12	1.3	4000	6000	25000 ( $>30 \text{ mJy}$ )
ASKAP FLASH	700 - 1000	0.5 - 1.02	2	3.8	25000	1600	65000 ( $>90 \text{ mJy}$ )
ASKAP WALLABY	1130 - 1430	0 - 0.26	8	1.6	30000	8000	132000 ( $>40 \text{ mJy}$ )
MALS L-band	900 - 1670	0 - 0.57	1	0.5	1000	691	12000 ( $>15 \text{ mJy}$ )
MALS UHF-band	580 - 1015	0.4 - 1.44	2	0.6	700	746	12000 ( $>15 \text{ mJy}$ )

<sup>†</sup> Estimated at the center of the band; <sup>‡</sup> See text for details.