



| Hh<br>(26m)       | 90 cm   | UHF     | 21 cm   | 18 cm   | 6 cm  | 5 cm <sup>1</sup>                                   | 5 cm <sup>2</sup>                                   | S/X   | X   | 22 GHz  | 43 GHz  |
|-------------------|---------|---------|---------|---|---|---|---|---|---|---|---------|
| 90 cm             | Unavail | Unavail | Unavail | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail |
| UHF               | Unavail | Unavail | Unavail | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail |
| 21 cm             | Unavail | Unavail | Unavail | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail   | Unavail |
| 18cm              | Unavail | Unavail | Unavail | -   | Direct, ~2min delay while secondary reflector moves | Direct, ~2min delay while secondary reflector moves | Direct, ~2min delay while secondary reflector moves | Direct, ~2min delay while secondary reflector moves | Direct, ~2min delay while secondary reflector moves | Direct, ~2min delay while secondary reflector moves | Unavail |
| 6 cm              | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | -   | Direct, by setting new LO-freq. in prc-file.        | Direct, by setting new LO-freq. in prc-file.        | 1 hour, office working hours                        | Direct, by setting new LO-freq. in prc-file.        | Direct, by setting new LO-freq. in prc-file.        | Unavail |
| 5 cm <sup>1</sup> | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | Direct, by setting new LO-freq. in prc-file.        | -   | Direct, by setting new LO-freq. in prc-file.        | 1 hour, office working hours                        | Direct, by setting new LO-freq. in prc-file.        | Direct, by setting new LO-freq. in prc-file.        | Unavail |
| 5 cm <sup>2</sup> | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | Direct, by setting new LO-freq. in                  | Direct, by setting new LO-freq. in                  | -   | 1 hour, office working hours                        | Direct, by setting new LO-freq. in                  | Direct, by setting new LO-freq. in                  | Unavail |

|                       |         |         |         |   |  |  |  |                              |                              |  |         |
|-----------------------|---------|---------|---------|---|--|--|--|------------------------------|------------------------------|--|---------|
| <sup>1</sup> 6030 MHz |         |         |         |   | prc-file.                                    | prc-file.                                    |  |                              | prc-file.                    | prc-file.                                    |         |
| <sup>2</sup> 6668 MHz |         |         |         | Direct, ~2min delay while secondary reflector moves | 1 hour, office working hours                 | 1 hour, office working hours                 | 1 hour, office working hours                 | -                            | 1 hour, office working hours | 1 hour, office working hours                 | Unavail |
| S/X                   | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | 1 hour, office working hours | -                            | Direct, by setting new LO-freq. in prc-file. | Unavail |
| X                     | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | 1 hour, office working hours | -                            | Direct, by setting new LO-freq. in prc-file. | Unavail |
| 22 GHz                | Unavail | Unavail | Unavail | Direct, ~2min delay while secondary reflector moves | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | Direct, by setting new LO-freq. in prc-file. | 1 hour, office working hours | -                            | Direct, by setting new LO-freq. in prc-file. | Unavail |
| 43 GHz                | Unavail | Unavail | Unavail | Unavail   | Unavail                                      | Unavail                                      | Unavail                                      | Unavail                      | Unavail                      | Unavail                                      | Unavail |

Available simultaneously with Hartebeesthoek(Hh)- parallel, VLBI recording systems