

Schedule Checking

Check the following:

- Correct start/stop time
- Polarizations/IFs match the block schedule
- All stations on the block schedule are included
- Standard frequency
- First hour reserved for fringe finding
 - Fringe finders listed
- Fringe finder observed every few hours
- Phase reference cycle not too long
- Sources not set at too many stations at any time (elevation)
- Slew times not too long (very long or longer than scan)
- Source positions given to sufficient accuracy

For ATCA

- Scans not too short (ATCA loses 15 sec on scan change).
- Scans aligned with 5sec boundary (for ATCA)
- Encourage 1934-638 for flux calibration
- Check frequency of AUTOPHASE_DETERMINE scans
- AUTOPHASE_DETERMINE scans must have at least 1 min on 200 mJy source
- Do not AUTOPHASE_DETERMINE during the fringe finder section

One way to check some of this is (as vlbi on ATNF unix machines):

```
> vexsum.pl exper.skd
```

```
> makewiki.pl exper.skd
```

```
> less exper.sum
```

From:

<https://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbaobservingnotes/vexcheck>

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