

# sonic data issues

My status reports have noted issues with 4u and 8m.

8m: By just playing with offsets, I'm able to get better looking profiles by adding 0.3 m/s to `dat("u")`. As yet, I have no justification for doing this. Tom wondered about flow distortion around the etherant, but this seems only a remote possibility after looking at it today. *The next step would be to move the etherant.*

4u: At 09:10 on 20 July, `tc` on this jumps by 0.25 degC. I can see no evidence of a similar step in any of the wind components. Tom confirmed that an upwind sensor might have been "bumped" by a ladder at this time, but his recollection was that it was one at the southwest end, whereas 4u would be at the northeast end. *I don't see any reason for further action with 4u.*