

THE UNIVERSITY OF TEXAS AT AUSTIN COLLEGE OF ARTS AND SCIENCES AUSTIN, TEXAS 78712

Department of Astronomy Telephone: (512) 471-1031

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Dear Alan,

Thanks for your letter and for your good wishes.

Bev has an A.R.O. position for DA55. Bryan Andrew sent a finding chart of the region to Kinman at Kitt Peak, who found a variable blue object near the radio position. Lynds and I got a spectrum of it recently, confirming it as a QSO. I think it's about 17m5 or 18m, but haven't got the original finding chart.

Two of the other sources in your list are within the boundaries of Abell clusters. 4C 55.17 is in A 899 (1950 position 09h55m0, 55°31', cluster radius 10' or 11'); the "complex structure" (your note) makes this a fairly likely identification, even though it is not within the statutory 0.3 cluster radii. 4C 41.32 lies within A 2197 (1950 position 16h26m5, 41°01', cluster radius about 1°). It's a big cluster, so doesn't mean much. I don't know anything about the other sources.

I don't envy your committee work, but I admire it! My teaching load is fairly light - one course this semester, two next semester. I gave my 'Radio Sources' graduate course last semester, enabling me to bias another generation of potential radio astronomers - their final exam included demolition (critical discussion, I mean) of the Ryle-Longair paper.

You can keep all that snow and ice - why not think yourselves down here for a visit when it gets too bad?

With best wishes to you and Mary,

Caral Crouch (for)
Derek Wills

P.S. It's not clear from your letter whether you have your own identifications or not; I don't even remember whether you have the S.S. prints. I'd be happy to look at them on our prints and plates if needed - no charge to a friend!