

From: CVAX::ABRIDLE 5-APR-1988 15:21
To: OUTBAX::VAX3::RPERLEY,ABRIDLE
Subj: RE: B3

I have the 6cm D array stuff on 0247 in pretty good shape now. The magnetic field is mainly perpendicular to the jets, but there are some interesting goings-on near the bends. There does not seem to be much Faraday rotation between 6 and 20 cm, but I have not yet derived an RM map. Anything we might say about spectra will be limited by the primary beam correction, but the polarimetry looks in good shape.

The 20cm data are undergoing another round of self calibration. This may make quite a nice publicity image in the long run, as there is a host of background sources and the tails have some internal structure. The advantage of these C and D array fields is that they look like "real sky" with stars and all!

Glad to hear that Tim has turned Ron down (for our sake, that is). I had expected that Ron would try to get him. Is he also thinking about Maryland, or is that also a dead issue?

I feel somewhat embarrassed that my name is on an optical ID paper for B3, as my contribution to that effort was not much and a very long time ago. But thanks, anyway !

I will dig out the "peanut" after 0247. I would like to see what clues if any come from its polarization.

From: OUTBAX::VAX3::RPERLEY 5-APR-1988 15:53
To: OUTBAX::CVAX::ABRIDLE
Subj: RE: B3

The paper is not just optical IDs. Also included are all the radio parameters, which we determined from the first round of imaging - and in which you played a large role. Also, some basic statistical stuff is included, median sizes, flux density, etc.

Tim was not ever interested in the Maryland job. He went there as some sort of consultant. We dont know who Maryland has offered the job to - Robert hasn't received an offer (he was one of the final 4), but the best information is that as of last week, the Marylanders hadn't decided who they wanted first.

Robert is still looking for a job - he has essentially been offered Thjs van der Hulsts' job at Westerbork (Tony Willis' job, before him). It would be a pity to see him go to that. I wish there were a way to have him stay.

VAX3 is going down for PM in 5 min - gotta get off.

From: CVAX::ABRIDLE 13-APR-1988 10:52
To: RPERLEY,ABRIDLE
Subj: 0247

I'm still beavering on this guy in the background of getting things put together for the Visiting Committee and the quarterly AIPS stuff. He has been badly troubled with interference, and I don't think we'll get down to theoretical noise. But I have pushed about a factor of three lower than your quickie C+D array contour map of a few years (gulp!) ago. It's obvious that the jets do not deflect continuously, but at some places they deflect suddenly. This is something that Chris O'Dea has mentioned on other head-tails, and which of course is rather nasty for the continuous-ram-pressure picture. But we won't be able to say much about details as the velocities of the cluster members and the ID are not published anywhere that I or Jim Condon could find. Do you know whether the Italians have done anything on the optical side for this one? The polarimetry is not quite finished (some editing still to be done at 1452 in the C array) but it's looking as though there are some RM gradients, in fact. I hope this will be in good shape by the time you get here. I'll move on to the Peanut next.

From: CVAX::ABRIDLE 19-JUL-1988 15:44
To: RPERLEY,ABRIDLE
Subj: GG at B

I have found out Gavril's E-mail address. It is ASTBO1::GAVRIL.
I have sent him a copy of the comments that I sent also to you.

From: OUTBAX::VAX3::RPERLEY 14-DEC-1988 11:42
To: ABRIDLE,BCLARK
Subj: Can you help?

From: OUTBAX::CVAX::ASTBO1::GAVRIL 14-DEC-1988 09:38
To: RICK
Subj: Message from Gavril

Bologna, 14 12 1988

Dear Rick,

I had a telephone call today with Bob Sanders; a long time ago he sent me a bunch of A-array maps of B3 sources (about 300) he used for the project of checking if sources close on the sky tend to be aligned. As you certainly remember, no alignment was found for these sources, and he sent me the maps in case they could be useful for the identification program.

I have now a student who could do some work on them, and since most of them are faint (i.e. in the B3VLA flux interval 0.1-0.2 Jy, which is the one in which our identification statistics are most scarce) I think they are an interesting sample.

I was asking Bob if he had any numerical data (uv or maps, export tapes etc.) on these sources to send me, but he replied he only had the paper maps; he referred me to you for the actual data.

Do you think you can find the original tapes? (I mean if possible the calibrated uv data).

If you can, could you send me a copy?

Cheers

Gavril

P.S. our first B3VLA paper has been accepted, with only trivial modifications, by Astron J.

From: CVAX::ABRIDLE 16-JAN-1989 09:28
To: ST%"rperley",ABRIDLE
Subj: B3 tapes

I have located the Sanders Export tape and am sending a copy to Gavril.