

19 May 1986

Dear Bob,

Enclosed herewith:

- 1) Texset version of paper, including Barry's and my further edits. This is suitable for submission to MN if you are happy with it.
- 2) Extra copies of the figures (same quality as the output attached to (1)).
- 3) Annotated version of the file you have on floppy disk, showing my changes/edits/additions (all done in the Texset version).
- 4) Printout of Barry's comments.

If you make further changes, let me know them so I can amend the Texset version. We will use that for the NRAO preprints.

Best wishes.



From: AIPS::CLARK 15-MAY-1986 15:14
To: CVAX::BRIDLE
Subj: RE: B3 alignment paper

Oh, a couple of verry minor details - The region is not circular, because the B3 list cuts off at 38 d on the south, and at one point the paper refers to a 100 mJy B3 limit, which could helpfully be qualified to make clearer that it is referring to the 408 MHz flux and not the 1465 MHz flux.

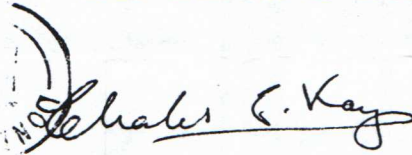
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REF. L323

19 86 June 11

Your paper with Bridle and Clark "Orientations....."
is accepted for pink pages MNRAS as it stands.
Proofs will be read by the editor here in UK (as
usual when pink authors reside abroad). To save
delay, would you let me know if you'll be needing
more than the 25 free offprints ? Thanks.



C.E. Kay

Dear Alan

This will probably set some kind of record for
~~the~~ time between observations & publication. - at
least it does for me.

I have ordered 25 additional reprints.
I can't believe that the demand for this will
be too great.

Cheers!

Bob

2ND MAP
FILE
DONE

AIPS	CAT	USID	MAPNAME
4	1	76	1430+384
4	3	76	359+387A
4	4	76	359+387B S?
4	5	76	1359+382
4	6	76	1400+379 S?
4	7	76	1400+383 L
4	8	76	1401+385
4	9	76	1401+387
4	10	76	1401+384 S?
4	11	76	1401+392
4	12	76	1401+402
4	13	76	1401+388
4	14	76	1401+395
4	15	76	1402+410
4	16	76	1402+382
4	17	76	1402+387
4	18	76	1403+411
4	19	76	1403+395
4	20	76	1403+375 S?
4	21	76	1403+389
4	22	76	1403+385 S?
4	23	76	1404+409
4	24	76	1404+404
4	25	76	1404+375
4	26	76	1404+405
4	27	76	1404+388 S?
4	28	76	1404+375A
4	29	76	1404+375B
4	30	76	1405+384 S?
4	31	76	1405+411 S?
4	32	76	1405+378A
4	33	76	1405+378B
4	34	76	1406+413 S?
4	35	76	1406+401 L?
4	36	76	1406+376
4	37	76	1406+397
4	38	76	1407+388 S?
4	39	76	1407+385
4	40	76	1407+382 S?
4	41	76	1407+393 L?
4	42	76	1408+404 S?
4	43	76	1408+399
4	44	76	1408+416 S?
4	45	76	1408+406
4	46	76	1408+398
4	47	76	1408+411
4	48	76	1409+415 L?
4	49	76	1409+378 S?
4	50	76	1409+394
4	51	76	1409+390 S?
4	52	76	1410+406
4	53	76	1410+400A
4	54	76	1410+407
4	55	76	1410+418
4	56	76	1410+383
4	57	76	1410+402 S?
4	58	76	1410+400B S?
4	59	76	1411+404

Contains

- ✓
- ✓
- ✓
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- ✓
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- ✓
- ✓
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- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- self cal
- low res. map.
- dicy
- No source
- wide triple
- print some
- bigger map
- with additional source
- pt source
- wide double
- bright source - faint companion
- print some No plot
- No plot
- self cal.
- print source no plot

- print some
- faint double
- wide double
- weak double
- double
- weak double
- double
- print some
- double
- No source - over resolved - lower resolution map
- No source - wide field map (something cut side)
- small double - extended real.
- amorphous
- print source
- slight extension

- check.

2nd
PTTP

DONE

- AIPS 4 ✓ 60 ✓ 76 1411+397- low res. map.
- AIPS 4 61 76 1411+405S? - double
- AIPS 4 62 ✓ 76 1411+403- - double
- AIPS 4 ✓ 63 ✓ 76 1411+416- - low res. map necessary.
- AIPS 4 ✓ 64 ✓ 76 1411+391A- low res. map necessary - faint double in upper left corner & wider field.
- AIPS 4 65 ✓ 76 1411+383- Nice double.
- AIPS 4 66 76 1411+391B- self cal.
- AIPS 4 67 76 1412+412S? - print source
- AIPS 4 ✓ 68 ✓ 76 1412+410- low res. map necessary. (possibly used double)
- AIPS 4 69 ✓ 76 1412+402- - ext sun
- AIPS 4 ✓ 70 ✓ 76 1412+390- map a wider field.
- AIPS 4 ✓ 71 ✓ 76 1412+419- map wider field (nothing seen). ditto
- AIPS 4 ✓ 72 76 1412+397- low res. map. 1024x1024 - & cleaned deeply,
- AIPS 4 ✓ 73 ✓ 76 1412+416- double? low res. map necessary.
- AIPS 4 74 ✓ 76 1412+387- possible slight extension.
- AIPS 4 75 76 1412+392S - print source
- AIPS 4 76 76 1413+383S - double.
- AIPS 4 ✓ 77 ✓ 76 1413+398- wider field → weak source + strong confusion
- AIPS 4 78 76 1413+378S? - print - possible extension
- AIPS 4 79 76 1413+410SL? - double
- AIPS 4 ✓ 80 ✓ 76 1414+384 - low resolution map! (nothing here). - ditto
- AIPS 4 81 76 1414+411 - print source. ~~low res. map~~ wide field
- AIPS 4 82 ✓ 76 1414+405- double.
- AIPS 4 83 ✓ 76 1414+375- print source
- AIPS 4 84 76 1414+398S? - triple ✓
- AIPS 4 ✓ 85 ✓ 76 1414+419 - low resolution map (nothing). - ditto.
- AIPS 4 86 ✓ 76 1414+376- print source
- AIPS 4 87 ✓ 76 1415+377- strong double
- AIPS 4 ✓ 88 ✓ 76 1415+416 - low res. map. (nothing) - two faint patches of emission
- AIPS 4 89 ✓ 76 1415+381 - double
- AIPS 4 ✓ 90 ✓ 76 1415+414 - triple? low res. map. ambiguous case. - remains ambiguous.
- AIPS 4 91 76 1415+385S? - single source - extended?
- AIPS 4 92 ✓ 76 1415+400- double
- AIPS 4 93 76 1415+391- double - but 3rd source in field
- AIPS 4 ✓ 94 ✓ 76 1415+409 - nothing. ~~wider field~~ low resolution - ditto
- AIPS 4 95 76 1415+410 - complex structure low res. map & self cal.
- AIPS 4 ✓ 96 ✓ 76 1416+420 - low resolution map! - remains (reconstructed) - look like a double.
- AIPS 4 ✓ 97 ✓ 76 1416+407- low resolution (nothing). - ditto
- AIPS 4 ✓ 98 ✓ 76 1416+380- larger map. nothing (low res) - still nothing
- AIPS 4 ✓ 99 ✓ 76 1416+379- larger map. nothing (low res) - with print source (low priority low res).
- AIPS 4 100 76 1416+381? - weak double
- AIPS 4 101 ✓ 76 1416+415 - extended source
- AIPS 4 102 76 1416+419A - brief source - self cal. No - 1st pos was here. Source is empty.
- AIPS 4 103 76 1416+400S? - low res triple.
- AIPS 4 ✓ 104 ✓ 76 1416+419B - noise map. low res. field. map! possibly faint print source in field also
- AIPS 4 105 76 1417+380S? - print source resolved.
- AIPS 4 ✓ 106 ✓ 76 1417+419A - wide field (nothing but big noise) - still nothing (large noise)
- AIPS 4 ✓ 107 ✓ 76 1417+419B - wide field (nothing but big noise). - still nothing (large noise)
- AIPS 4 ✓ 108 ✓ 76 1417+419C - " " " " - still nothing @ 1024 (large noise)
- AIPS 4 109 ✓ 76 1417+415 - double source
- AIPS 4 110 76 1417+385 - strong print source (self cal?)
- AIPS 4 ✓ 111 ✓ 76 1417+397 - quibble double - low res. - still seeing large map yet
- AIPS 4 112 ✓ 76 1417+383 - double source.
- AIPS 4 113 76 1417+375 - print source - strong (self cal?)
- AIPS 4 114 ✓ 76 1418+409 - print source - weak extension
- AIPS 4 ✓ 115 ✓ 76 1418+408 - noise map (low res?) - ditto
- AIPS 4 116 ✓ 76 1418+388 - double source.
- AIPS 4 117 76 1419+404? - double source
- AIPS 4 118 76 1419+419 - strong source, weak 'companion'! (self cal?)
- AIPS 4 ✓ 119 ✓ 76 1419+414 - noise map. low res. map. - print source - weak field center

2nd FTTP DONE?

AIPS 4	✓	120	✓76	1419+409	L	Noise map ditto
AIPS 4		121	76	1419+397	S?	point source
AIPS 4		122	76	1419+399	-	triple.
AIPS 4		123	✓76	1419+410	-	wide double - one so comp. quite weak. <u>low resolution</u> . - OK
AIPS 4	✓	124	✓76	1420+386	-	point source - slight extension. [field center].
AIPS 4		125	✓76	1420+379	-	point source
AIPS 4		126	76	1420+387	S?	single - possibly wide triple & <u>low resolution</u>
AIPS 4	✓	127	✓76	1421+374	-	triple - possibly more extended structure - <u>low resolution</u>
AIPS 4	✓	128	✓76	1421+392	-	apparently three separate sources.
AIPS 4		129	76	1421+417	S?	no sound. possibly 2nd double. <u>lower res</u> possibly helpful
AIPS 4	✓	130	✓76	422+374A	-	or double.
AIPS 4		131	76	422+401A	B	wide source present - <u>low res map</u> - work in UV plane - some bad data
AIPS 4	✓	132	76	422+395	-	double
AIPS 4		133	✓76	422+401B	-	double
AIPS 4		134	✓76	1422+385	-	double
AIPS 4		135	✓76	1422+409	-	double
AIPS 4		136	✓76	422+374B	-	single source - definitely extended - field center.
AIPS 4		137	✓76	1423+388	-	single source - extended (definite).
AIPS 4		138	76	1423+392	-	double. (self cal - low resolution).
AIPS 4		139	76	1423+379	SL	probably triple source.
AIPS 4	✓	140	✓76	1424+380	-	low res. map of wide field (nothing in this map).
AIPS 4	✓	141	✓76	1424+406	-	low res. map essential - single bright source - possibly long double
AIPS 4	✓	142	✓76	1424+402	-	low res. map. possible double. - hard to say.
AIPS 4		143	✓76	1424+410	-	double
AIPS 4		144	76	1425+380	S	point source - possible extension. - <u>deleted by accident</u>
AIPS 4		145	✓76	1426+376	-	double
AIPS 4		146	✓76	1426+383	-	probable double with thin or second point source
AIPS 4		147	76	1426+394	S?	triple.
AIPS 4		148	✓76	1426+398	-	single source.
AIPS 4	✓	149	✓76	1427+404	-	low resolution map.
AIPS 4		150	76	1428+380	S?	triple source
AIPS 4		151	76	1428+385	S?	double - with 3rd source, second point source in field.
AIPS 4		152	76	1429+401	S?	point source (strong).
AIPS 4	✓	153	✓76	1429+389	-	wide double (low res. map).
AIPS 4		154	76	1429+392	S?	point source (strong)
AIPS 4		155	76	1429+395	S?	comparative double.
AIPS 4		156	✓76	1430+399	-	double with companion.
AIPS 4	✓	157	✓76	1430+381	-	noise map - low resolution.
AIPS 4	✓	158	✓76	1430+409	-	noise map - low resolution.

CONVEX B3/SANDERS

AIPS	CATALOG ON DISK 2	MAP?	CTRS?	COMMENT	FITTP?
AIPS	CAT USID MAPNAME				
AIPS 4	1 76 1430+384	✓	✓	3 sources	✓
AIPS 4	3 76 359+387A	✓	✓	3 sources	✓
AIPS 4	4 76 359+387B	✓	✓	2ple	✓
AIPS 4	5 76 1359+382	✓	✓	2 sources	✓
AIPS 4	6 76 1400+379	✓	✓	nothing obs. in field (meple ^{lunar})	✓
AIPS 4	7 76 1400+383	✓	✓	2ple	✓
AIPS 4	8 76 1401+385	✓	✓	3ple + ext source / should selfcal.	✓
AIPS 4	9 76 1401+387	✓	✓	ext source + conf s/lobe	✓
AIPS 4	10 76 1401+384	✓	✓	2ple	✓
AIPS 4	11 76 1401+392	✓	✓	sl. extended	✓
AIPS 4	12 76 1401+402	✓	✓	2ple	✓
AIPS 4	13 76 1401+388	✓	✓	ext 2ple? / should selfcal.	✓
AIPS 4	14 76 1401+395	✓	✓	2ple	✓
AIPS 4	15 76 1402+410	✓	✓	bright source + weak / selfcal. nice	✓
AIPS 4	16 76 1402+382	✓	✓	2ple	✓
AIPS 4	17 76 1402+387	✓	✓	strong point, should selfcal	✓
AIPS 4	18 76 1403+411	✓	✓	2ple with split sp, selfcal?	✓
AIPS 4	19 76 1403+395	✓	✓	strong, slightly extended	✓
AIPS 4	20 76 1403+375	✓	✓	2ple	✓
AIPS 4	21 76 1403+389	✓	✓	unresolved	✓
AIPS 4	22 76 1403+385	✓	✓	ext 2ple + point, needs selfcal	✓
AIPS 4	23 76 1404+409	✓	✓	3ple, nice	✓
AIPS 4	24 76 1404+404	✓	✓		✓
AIPS 4	25 76 1404+376	✓	✓		✓
AIPS 4	26 76 1404+405	✓	✓	fair, 2ple	✓
AIPS 4	27 76 1404+388	✓	✓	pos. fair companion 2ple	✓
AIPS 4	28 76 404+375A	✓	✓	needs under field, selfcal?	✓
AIPS 4	29 76 404+375B	✓	✓	ext. sl. resolved	✓
AIPS 4	30 76 1405+384	✓	✓	2ple + core	✓
AIPS 4	31 76 1405+411	✓	✓	point	✓
AIPS 4	32 76 405+378A	✓	✓	needs bigger map	✓
AIPS 4	33 76 405+378B	✓	✓	nice 2ple + weaker source (bandwidth?)	✓
AIPS 4	34 76 1406+413	✓	✓	point source.	✓
AIPS 4	35 76 1406+401	✓	✓	2ple	✓
AIPS 4	36 76 1406+376	✓	✓	strong point + companion (selfcal)	✓
AIPS 4	37 76 1406+397	✓	✓		✓
AIPS 4	38 76 1407+388	✓	✓	2ple or 2 sources?	✓
AIPS 4	39 76 1407+385	✓	✓	needs selfcal	✓
AIPS 4	40 76 1407+382	✓	✓	unres.	✓
AIPS 4	41 76 1407+393	✓	✓	fair 2ple	✓
AIPS 4	42 76 1408+404	✓	✓	unres.	✓
AIPS 4	43 76 1408+399	✓	✓	weak, pos 2ple.	✓
AIPS 4	44 76 1408+416	✓	✓	nice wide 2ple	✓
AIPS 4	45 76 1408+406	✓	✓	nice 2ple	✓
AIPS 4	46 76 1408+398	✓	✓	nice 2ple	✓
AIPS 4	47 76 1408+411	✓	✓	nice 2ple	✓
AIPS 4	48 76 1409+415	✓	✓	fair!	✓
AIPS 4	49 76 1409+378	✓	✓	2ple	✓
AIPS 4	50 76 1409+394	✓	✓	weak 2ple with 'strong' core / selfcal?	✓
AIPS 4	51 76 1409+390	✓	✓	unres.	✓
AIPS 4	52 76 1410+406	✓	✓	nice 2ple	✓
AIPS 4	53 76 410+400A	✓	✓	v nice ext 2ple	✓
AIPS 4	54 76 1410+407	✓	✓	needs <u>referred</u> map.	✓
AIPS 4	55 76 1410+418	✓	✓		✓
AIPS 4	56 76 1410+383	✓	✓		✓
AIPS 4	57 76 1410+402	✓	✓		✓
AIPS 4	58 76 410+400B	✓	✓		✓

AIPS 4	120	76	1419+409
AIPS 4	121	76	1419+397
AIPS 4	122	76	1419+399
AIPS 4	123	76	1419+410
AIPS 4	124	76	1420+386
AIPS 4	125	76	1420+379
AIPS 4	126	76	1420+387
AIPS 4	127	76	1421+374
AIPS 4	128	76	1421+392
AIPS 4	129	76	1421+417
AIPS 4	130	76	422+374A
AIPS 4	131	76	422+401A
AIPS 4	132	76	1422+395
AIPS 4	133	76	422+401B
AIPS 4	134	76	1422+385
AIPS 4	135	76	1422+409
AIPS 4	136	76	422+374B
AIPS 4	137	76	1423+388
AIPS 4	138	76	1423+392
AIPS 4	139	76	1423+379
AIPS 4	140	76	1424+380
AIPS 4	141	76	1424+406
AIPS 4	142	76	1424+402
AIPS 4	143	76	1424+410
AIPS 4	144	76	1425+380
AIPS 4	145	76	1426+376
AIPS 4	146	76	1426+383
AIPS 4	147	76	1426+394
AIPS 4	148	76	1426+398
AIPS 4	149	76	1427+404
AIPS 4	150	76	1428+380
AIPS 4	151	76	1428+385
AIPS 4	152	76	1429+401
AIPS 4	153	76	1429+389
AIPS 4	154	76	1429+392
AIPS 4	155	76	1429+395
AIPS 4	156	76	1430+399
AIPS 4	157	76	1430+381
AIPS 4	158	76	1430+409