AIPS MEMO NO. 69

1991 AIPS Site Directory

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Summary:

We tabulate the most recent AIPS Site Survey data for 139 of the 142 active AIPS sites ("Active" sites are those whose last Site Survey response reported that they have AIPS installed, have measurable AIPS CPU use and have a non-zero number of AIPS users). This listing of "who has what and where" will help AIPS Site Managers to find other AIPS sites with hardware, use patterns and scientific interests similar to their own.

About the Directory:

Forms for the 1990/91 AIPS Site Survey were mailed in November 1990 to the designated Contact People at all 238 sites that have received AIPS installation tapes and which we thought might be actively running AIPS. Responses came back over the next few months, and we stopped entering data early in March 1991. This Directory lists the basic data for 204 machines or clusters of machines at 139 of the 142 "active" AIPS sites. (The managers of 3 sites asked us not to publish their data.) This Directory's main listing and cross-reference tables should help AIPS Site Managers to locate other sites with hardware and user environments similar to their own.

The first part of this Directory lists the postal and network addresses and telephone numbers for the Contact People, and, for each one, all of the active AIPS machines or machine clusters that they support. Detailed configuration parameters are then shown for each machine or cluster.

The main listing is ordered first by country, and then by postal (ZIP) code within each country. Where postal codes are not available, the listings are in order of the city name. The NRAO sites are sorted as a country called "NRAO", so they appear after the NETHERLANDS and before SPAIN.

The second part of this Directory contains cross-reference tables for some of the site and machine parameters, using the machine (or cluster) sequence numbers shown in boxes in the main list. These tables let you quickly find all the machines with given types of hardware, given types of AIPS use, etc. The tables for Contact People (CP Lastname) and Site Names provide alphabetical indices to the people and places that now support active AIPS installations. The DISK Space and MEMory Size tables are included so that AIPS Managers can quickly see where their site fits on the spectrum of these resources.

Recent trends in AIPS site hardware will be summarized and interpreted in AIPS Memo No. 70.

We thank all the AIPS Contact People who took the time to fill in the 1990/91 Survey forms. The previous survey results have been used extensively by AIPS "consumers" and Site Managers for planning purposes and to provide "contacts" outside the NRAO for help with hardware problems relating to AIPS. We hope that this new edition of the Site Directory will allow this to continue.

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Notes on the Cross-Reference Tables:

Keyword cross-references appear in alphabetic order, and for each keyword the values are sorted in some rational order. The definitions of each keyword are given below:

`AP` is the "array processor model". Ordinary scalar floating point (FP) hardware is not considered to be an AP — our aim is to list only pipelined FP hardware here. An exception is that some machines have either a VLSI FP-coprocessor chip (usually a Motorola 68881) or high-performance FP "accelerator". The code "FPA" is used for these.

`AVUSERS` is the average number of simultaneous AIPS users on the machine or cluster.

`BAND` classifies the site's use of AIPS for applications other than radio astronomy. The BAND cross-reference table may be particularly useful if you wish to find other AIPS sites with similar scientific interests to your own.

`Country` is generally the country in which the site is located, but this parameter also distinguishes "NRAO" from other U.S. sites.

`CPU` is the type of computer on which the active AIPS is installed.

`DISK` is the disk capacity for AIPS, in units of *Gigabytes* (1000 Megabytes). For clusters, this is summed across the cluster.

`FRACT` is the AIPS CPU use on the machine or cluster, as a percentage of total CPU use on the system.

`MEM` is the maximum memory size available for AIPS, in units of *Megabytes*. For clusters, this is the largest memory available in the cluster, not the total.

`NONRADIO` measures the non-radio AIPS use at the site, as a percentage of the overall AIPS use.

`Net-Service` information is tabulated so that AIPS sites with service on only one or two of the major networks can discover which other AIPS sites they can reach. Network connectivity among the active AIPS sites is now almost total: "service-on-at-least-one-net" is available to 129 of the 139 sites in this Directory.

`OS` is the computer's operating system and version if known.

`PLOT` lists the plotting device(s). A wide range of plotters is attached to AIPS machines! Because the NRAO cannot develop and support interface code for all of these models, this is an area where cooperation among AIPS sites can be critical. AIPS users and Site Managers whose plotters are unsupported by the NRAO can inspect the PLOT cross-reference table to find other sites which may be able to help them.

`PROGS` is the number of AIPS programmers at the site.

`SITE` is a terse descriptive string used to identify each site in other AIPS documents and as an alternate index field for this one.

`TAPE` describes the tape format(s) supported.

`TASKS` is the number of 'locally-coded' AIPS tasks.

`TV` is the TV display model (and in some cases, windowing mode). Site Managers with TV displays that do not yet function fully may find the cross-reference listing helpful if they need to consult people who have similar equipment elsewhere.

`USERS` is the annual number of AIPS users at the site.

`VLA` is the AIPS use for VLA processing on the machine or cluster, expressed as a percent of the total AIPS use.

Dr. David F. Crawford, Univ. of Sydney, School of Physics, Sydney, NSW, 2006, AUSTRALIA;
Net address: *crawford@suphys.physics.su.oz.au*.

Site-wide values: *USERS=10 PROGS=1 TASKS=5 BAND=IR,optical*

1 *SITE=U. Sydney CPU=Sun Clus. (4/490 server;4/60) AP=none OS=UNIX Sun 4.1 DISK=0.2 MEM=16 PLOT=Apple Laserwriter+ TV=Sun-4 (Sunview) TAPE=800bpi,1600bpi,6250bpi,QIC24,Exabyte AVUSERS=4 AIPS=15JUL90 FRACT=10 VLA=5 NONRADIO=5*

2 *SITE=U. Sydney CPU=DEC uVAX II AP=none OS=VMS 5.3-1 DISK=0.1 MEM=4 PLOT=Apple Laserwriter+ TV=AED 512 TAPE=800bpi,1600bpi,6250bpi AVUSERS=2 AIPS=15JUL88 FRACT=10 VLA=0 NONRADIO=10*

Dr. A. Vaughan, School of Math & Physics, Computing & Electronics, MacQuarie Univ. NSW, 2109, AUSTRALIA;
Telephone: *+61-2-805-8943*; Telex: *61-02-805-8983 UNIMACQ*;
Net address: *alanv@macastro.mqes.mq.oz.au*.

Site-wide values: *USERS=1 PROGS=0 TASKS=0*

3 *SITE=MacQuarie U. CPU=Sun-4/65 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=24 PLOT=? TV=Sun-4 color TAPE=Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=90 VLA=0 NONRADIO=0*

Dr. Mark R. Calabretta, Australia Telescope, P.O. Box 76, Epping, NSW, 2121, AUSTRALIA;
Telephone: *+61-2-868-0412*;
Net address: *aipsmngr@rpepping.oz.au*;
Net address: *nssdca::psi%rpepping::aipsmngr*;
Net address: *(psi) 505228621001*.

Site-wide values: *USERS=60 PROGS=2 TASKS=11 BAND=IR,optical,biomed*

4 *SITE=Australia Telescope CPU=Convex C-220 AP=Vector Regs OS=UNIX Convex 8.1 DISK=4.4 MEM=128 PLOT=NEC Silentwriter,Dataproducts Laserwriter,Mitsubishi Color TV=? TAPE=1600bpi,6250bpi,QIC150,Exabyte AVUSERS=1.1 AIPS=15JUL90 FRACT=21 VLA=30 NONRADIO=10*

5 *SITE=Australia Telescope CPU=Sun Clus. (3*4/60;4/60GX) AP=none OS=UNIX Sun 4.1 DISK=? MEM=32 PLOT=NEC Silentwriter,Dataproducts Laserwriter,Mitsubishi Color TV=Sun-4 TAPE=Exabyte AVUSERS=4 AIPS=15JUL90 FRACT=100 VLA=20 NONRADIO=0*

6 *SITE=Australia Telescope CPU=Sun-4/65 AP=none OS=UNIX Sun 4.0.3c DISK=2.4 MEM=16 PLOT=NEC Silentwriter TV=Sun-4 TAPE=1600bpi,6250bpi,QIC150,Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=95 VLA=0 NONRADIO=0*

7 *SITE=Australia Telescope CPU=Sun-4/65GX AP=none OS=UNIX Sun x.x DISK=2.4 MEM=16 PLOT=NEC Silentwriter TV=Sun-4 TAPE=1600bpi,6250bpi,QIC150,Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=95 VLA=0 NONRADIO=0*

8 *SITE=Australia Telescope CPU=Sun-4/370 AP=none OS=UNIX Sun 4.1 DISK=? MEM=32 PLOT=NEC Silentwriter,Dataproducts Laserwriter,Mitsubishi Color TV=Sun-4 TAPE=QIC150 AVUSERS=1 AIPS=15JUL90 FRACT=50 VLA=0 NONRADIO=50*

9 *SITE=Australia Telescope CPU=Sun-4/60GX AP=none OS=UNIX Sun 4.0.3c DISK=0.65 MEM=16 PLOT=NEC Silentwriter TV=Sun-4 TAPE=QIC150,Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=95 VLA=0 NONRADIO=10*

10 *SITE=Australia Telescope CPU=Sun-3/60 AP=none OS=UNIX Sun 4.0 DISK=4.4 MEM=8 PLOT=NEC Silentwriter,Dataproducts Laserwriter,Mitsubishi Color TV=Sun-3 TAPE=1600bpi,6250bpi,QIC150,Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=100 VLA=0 NONRADIO=0*

Bruce C. Cogan, Mount Stromlo Obs., Private Bag, Weston Creek, ACT, 2611, AUSTRALIA;
Telephone: *+61-06-249-0232*; Telex: *AA 62270*;
Net address: *cogan&mso.anu.edu.au*;
Net address: *nssdca::psi%mssso::cogan*.

Site-wide values: *USERS=5 PROGS=1 TASKS=4*

11 *SITE=Mt. Stromlo Obs. CPU=Sun Clus. (4/390 server;4/100;4/370;4/65;4*4/60) AP=none OS=UNIX Sun 4.1 DISK=2.3 MEM=32 PLOT=Apple Laserwriter TV=Sun-4 TAPE=800bpi,1600bpi,6250bpi,QIC24,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=1 VLA=100 NONRADIO=0*

Marco Costa, Univ. of Western Australia, Physics Dept., Nedlands, WA, 6009, AUSTRALIA;
Telephone: *+61-09-380-2749*;
Net address: *marco@earwax.pd.uwa.oz*.

Site-wide values: *USERS=1 PROGS=1 TASKS=0*

12 *SITE=U. W. Aust. Gravity Lab CPU=Sun-4/75 AP=none OS=UNIX Sun 4.1.1 DISK=1 MEM=16 PLOT=? TV=Sun-4 TAPE=Exabyte AVUSERS=1 AIPS=15OCT90 FRACT=20 VLA=0 NONRADIO=0*

Dr. P.A. (Pip) Hamilton, Univ. of Tasmania, Physics Dept., GPO Box 252C, Hobart, Tasmania, 7001, AUSTRALIA;
Telephone: *+61-02-202401*; Telex: *+61-02-202410 (FAX)*;
Net address: *aipsmanager@physvax.phys.utas.edu.au*.

Site-wide values: *USERS=3 PROGS=0 TASKS=1*

13 *SITE=U. Tasmania Phys. CPU=DEC Clus. (3500;2*750;2*2000) AP=none OS=VMS 5.2 DISK=0.5 MEM=25 PLOT=Apple Laserwriter II NT TV=DEC (X-Windows) TAPE=1600bpi AVUSERS=1 AIPS=15JUL90 FRACT=3 VLA=0 NONRADIO=0*

Dr. Heinz Andernach, INPE-DAS, C. P. 515, 12201 Sao Jose dos Campos, S.P., BRAZIL;
Telephone: *+55-123-418977, x309*; Telex: *1233530 INPE BR*;
Net address: *heinz@dem.inpe.ansp.br*;
Net address: *47599::heinz*.

Site-wide values: *USERS=2 PROGS=0 TASKS=0*

14 *SITE=INPE-DAS Brazil CPU=DEC VAX780 AP=FPS 5040 OS=VMS 4.6 DISK=0.2 MEM=6 PLOT=HP 7475B,Canon LN03 TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL88 FRACT=2 VLA=100 NONRADIO=0*

David O. Muchmore, Universite de Montreal, Dept. de Physique, C.P. 6128, Montreal PQ, H3C 3J7, CANADA;
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Net address: *176@umtlvr.bitnet*;
Net address: *176@cc.umontreal.ca*.

Site-wide values: *USERS=4 PROGS=0 TASKS=1 BAND=optical*

15 *SITE=U. Montreal CPU=Sun Clus. (4/380S;4*4/60) AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=30 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=0.1 AIPS=15JUL90 FRACT=5 VLA=75 NONRADIO=10*

Judith Irwin, Herzberg Inst. of Astrophysics, Nat. Research Council of Canada, 100 Sussex Dr., Ottawa, ON, K1A 0R6, CANADA;
Telephone: *613-991-5839,613-993-6060*;
Net address: *irwin@hiaras.nrc.ca*.

Site-wide values: *USERS=1 PROGS=1 TASKS=3 BAND=sub-mm*

16 *SITE=HIA Ottawa CPU=Sun-3/180 AP=none OS=UNIX Sun 4.0.2 DISK=0.5 MEM=8 PLOT=Apple Laserwriter TV=Sun-3 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=98 NONRADIO=2*

V. A. Hughes, Queen's Univ., Astronomy Group, Dept. of Physics, Kingston, ON, K7L 3N6, CANADA;
Telephone: *613-545-2713*;
Net address: *hughesv@qucdn.bitnet*;
Net address: *hughesv@qucdn.queensu.ca*.

Site-wide values: *USERS=2 PROGS=0.5 TASKS=0*

17 *SITE=Queen's U. CPU=Sun-4/60 AP=none OS=UNIX Sun x.x DISK=0.9 MEM=16 PLOT=Apple Laserwriter II TV=Sun-4 TAPE=QIC24 AVUSERS=1.5 AIPS=15OCT89 FRACT=100 VLA=100 NONRADIO=0*

Susan Tarr, Univ. of Toronto, Dept. of Astronomy, 60 St. George St., Toronto, ON, M5S 1A7, CANADA;
Telephone: *416-978-3146*;
Net address: *susan@radio.astro.utoronto.ca*.

Site-wide values: *USERS=12 PROGS=1.5 TASKS=5 BAND=IR,optical*

18 *SITE=U. Toronto CPU=Sun-3/180 AP=none OS=UNIX Sun x.x DISK=2.3 MEM=20 PLOT=Imagen Innovator TV=Sun-3 color TAPE=? AVUSERS=? AIPS=? FRACT=80 VLA=98 NONRADIO=2*

Michel Fich, Univ. of Waterloo, Physics Dept., Waterloo, ON, N2L 3G1, CANADA;
Telephone: *519-885-1211,ext. 2725*;
Net address: *fich@astro.waterloo.edu*.

Site-wide values: *USERS=2 PROGS=0 TASKS=0*

19 *SITE=U. Waterloo Phys. CPU=SG Iris 4D/20 AP=none OS=UNIX Irix System V 3.3.2 DISK=0.4 MEM=12 PLOT=QMS PS-810 TV=SGI 4D/20 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=10 VLA=100 NONRADIO=0*

Sun Kwok, Univ. of Calgary, Dept. of Physics, 2500 Univ. Dr., Calgary, AB, T2N 1N4, CANADA;
Telephone: *403-220-5414*; Telex: *03821545*;
Net address: *skwok@uncamult.bitnet*;
Net address: *kwok@iras.ucalgary.ca*.

Site-wide values: *USERS=10 PROGS=0 TASKS=0 BAND=IR*

20 *SITE=U. Calgary CPU=Sun-4/260 AP=none OS=UNIX Sun 4.0.1 DISK=0.8 MEM=8 PLOT=QMS 800 TV=IIS IVAS TAPE=800bpi,1600bpi,6250bpi AVUSERS=2 AIPS=15APR90 FRACT=70 VLA=60 NONRADIO=40*

21 *SITE=U. Calgary CPU=DG 4000 Server AP=none OS=UNIX DG 4.3 DISK=0.8 PLOT=HP LaserJet III TV=DG System Monitor (Hitachi) TAPE=? AVUSERS=2 AIPS=15APR90 FRACT=60 VLA=100 NONRADIO=0*

Anthony G. Willis, Dominion Radio Astrophysical Obs., P.O. Box 248, Penticton, BC, V2A 6K3, CANADA;
Telephone: *604-497-5321*; Telex: *048-88127*;
Net address: *twillis@drao.nrc.ca*.

Site-wide values: *USERS=7 PROGS=0 TASKS=0 BAND=IR,optical*

22 *SITE=DRAO Penticton CPU=DEC VAX780 AP=FPS 120B OS=VMS 4.7 DISK=0.5 MEM=16 PLOT=Versatec 1200,QMS 800 TV=IIS 75 TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=6 VLA=85 NONRADIO=5*

Phil Gregory, Univ. of British Columbia, Physics Dept., 6224 Agricultural Road, Vancouver, BC, V6T 1W5, CANADA;
Telephone: *604-228-6417*;
Net address: *aspg@ubcmtsg.bitnet*;
Net address: *p-greg@mtsg.ubc.ca*.

Site-wide values: *USERS=2 PROGS=1 TASKS=0*

23 *SITE=UBC Phys. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3 DISK=1.2 MEM=16 PLOT=HP 7550 TV=Sun-4 color TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=25 VLA=50 NONRADIO=0*

Gerry Grieve, Univ. of British Columbia, 2219 Main Mall, Dept. of Geophys. & Astron., Vancouver, BC, V6T 1W5, CANADA;
Telephone: *604-228-4320*;
Net address: *cbt@ubcmtsg.bitnet*.

Site-wide values: *USERS=1 PROGS=0 TASKS=3*

24 *SITE=UBC Astron. CPU=DEC VAX750 AP=FPS 5200 OS=VMS x.x DISK=0.4 MEM=6 PLOT=QMS 800 TV=IIS 70 TAPE=? AVUSERS=? AIPS=? FRACT=30 VLA=100 NONRADIO=0*

Qiu Yuhai, Beijing Astronomical Observatory, Chinese Academy of Sciences, Beijing, 100080, CHINA;
Telephone: *+86-1-256-7182*; Telex: *22040 BAOAS CN*.

Site-wide values: *USERS=4 PROGS=0.5 TASKS=3*

25 *SITE=Beijing Obs. CPU=Sun Clus. (3*4/65) AP=none OS=UNIX Sun 4.1 DISK=1.3 MEM=12 PLOT=Apple Laserwriter II TV=Sun-4 color TAPE=QIC150 AVUSERS=3 AIPS=15OCT90 FRACT=80 VLA=0 NONRADIO=0*

26 *SITE=Beijing Obs. CPU=DEC uVAX II AP=none OS=VMS 4.2 DISK=0.6 MEM=4 PLOT=LBP-8II TV=Sigma ARGS xxxx TAPE=800bpi,1600bpi AVUSERS=1 AIPS=15APR89 FRACT=90 VLA=35 NONRADIO=1*

AIPS Manager, Dept. of Geophysics, Beijing Univ., Beijing, 100871, CHINA;
Telephone: *+86-1-282741*.

Site-wide values: *USERS=10 PROGS=0 TASKS=0*

27 *SITE=Beijing U. Geophys. CPU=DEC VAX780 AP=none OS=VMS x.x DISK=0.18 MEM=8 PLOT=CANPB II TV=AGS TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=10 NONRADIO=0*

28 *SITE=Beijing U. Geophys. CPU=DEC uVAX II AP=none OS=VMS x.x DISK=0.36 MEM=8 PLOT=CANPB II TV=AGS TAPE=? AVUSERS=? AIPS=? FRACT=90 VLA=10 NONRADIO=0*

Zheng Xingwu, Nanjing University, Astronomy Dept., Nanjing, 210008, CHINA;
Telephone: *+86-25-637551-2882*.

Site-wide values: *USERS=10 PROGS=1 TASKS=16 BAND=optical*

29 *SITE=Nanjing U. CSTDAC CPU=Sun Clus. (4/280;3/60) AP=none OS=UNIX Sun 4.0 DISK=8 MEM=16 PLOT=Omnilaser 2108 TV=Sun TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15APR90 FRACT=10 VLA=0 NONRADIO=50*

30 *SITE=Nanjing U. CSTDAC CPU=DEC VAX8530 AP=none OS=VMS 4.7 DISK=1.2 MEM=32 PLOT=KS LP28XT TV=none TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15APR90 FRACT=10 VLA=10 NONRADIO=0*

AIPS Manager, Bldg 348, Electromagnetics Inst., Tech. Univ. of Denmark, DK 2800 Lyngby, DENMARK;
Telephone: *+45-2-881444*;
Net address: *a601lpau@hasara11.bitnet*.

Site-wide values: *USERS=6 PROGS=2 TASKS=4 BAND=IR,optical*

31 *SITE=Tech. U. Denmark CPU=DEC uVAX II/GPX AP=none OS=VMS x.x DISK=0.227 MEM=12 PLOT=? TV=Imaging Technology V200 TAPE=? AVUSERS=? AIPS=? FRACT=25 VLA=20 NONRADIO=80*

A. Bosma, Obs. de Marseille, 2 Pl. Le Verrier, F-13248 Marseille Cedex, FRANCE;
Telephone: *+33-9195-9088*; Telex: *420241 F*;
Net address: *bosma@fromrs51.bitnet*.

Site-wide values: *USERS=1 PROGS=1 TASKS=2 BAND=optical*

32 *SITE=Marseille Obs. CPU=Sun-4/330 AP=none OS=UNIX Sun 4.0.3 DISK=1.2 MEM=24 PLOT=DEC LN03+ (Postscript),Digital (across network) TV=Sun-4 TAPE=6250 bpi across network,QIC24,Exabyte AVUSERS=1 AIPS=15OCT89 FRACT=0.3 VLA=100 NONRADIO=0*

Didier Despois, Observatoire de Bordeaux, Universite de Bordeaux 1, B.P. 89, F-33270 Floirac, FRANCE;
Telephone: *+33-5686-4330*;
Net address: *despois@frobor51.bitnet*.

Site-wide values: *USERS=5 PROGS=1 TASKS=4 BAND=IR,optical*

33 *SITE=U. Bordeaux CPU=DEC Clus. (u3900;3200) AP=none OS=VMS 5.4 DISK=0.4 MEM=32 PLOT=Benson 1113,Apple Laserwriter II TV=DEC VAXstation TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=1 VLA=50 NONRADIO=5*

Simon Radford, Universite de Grenoble, I.R.A.M., Voie 10, F-38406 St. Martin d'Heres, FRANCE;
Telephone: *+33-7682-4900*; Telex: *980753 IRAMF*;
Net address: *radford@frgag51.bitnet*;
Net address: *IRAM02::RADFORD*.

Site-wide values: *USERS=5 PROGS=0.2 TASKS=3*

34 *SITE=IRAM CPU=DEC Clus. (uVII;u3200) AP=none OS=VMS 4.7 DISK=0.5 MEM=8 PLOT=HP 7550A,Printronix xxx,Apple Laserwriter+ TV=Sigma ARGS 7000,DEC VAXstation TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=5 VLA=100 NONRADIO=0*

Diego Cesarsky, Institut D'Astrophysique, 98 Bis Blvd. Arago, F-75014 Paris, FRANCE;
Telephone: *+33-1-4320-1425*;
Net address: *diego@friap51.bitnet*;
Net address: *iapobs::diego*.

Site-wide values: *USERS=6 PROGS=1 TASKS=0 BAND=IR*

35 *SITE=Inst. Ap. Paris CPU=DEC Clus. (780;3*u2000) AP=none OS=VMS x.x DISK=0.4 MEM=8 PLOT=Versatec V80 TV=Sigma ARGS xxxx TAPE=? AVUSERS=? AIPS=? FRACT=5.5 VLA=60 NONRADIO=40*

Alain Kerdraon, Observatoire de Meudon, DASOP, 5 Place J. Jansen, F-92195 Meudon Cedex, FRANCE;
Telephone: *+33-1-4507-7724*;
Net address: *chef@frmeu51.bitnet*;
Net address: *haddock@frmeu51.bitnet*;
Net address: *17670::haddock*.

Site-wide values: *USERS=15 PROGS=0 TASKS=0*

36 *SITE=Obs. de Meudon CPU=DEC VAX8600 AP=none OS=VMS 5.2 DISK=2 MEM=44 PLOT=DEC LN03,Versatec V80,Apple NT.. TV=Sigmex 7000 TAPE=800bpi,1600bpi,6250bpi AVUSERS=2 AIPS=15APR90 FRACT=5 VLA=90 NONRADIO=0*

Ralf Herbertz, I Physikalisches Institut, Zuelpicher Strasse 77, D-5000 Koeln 41, GERMANY;
Telephone: *0221970-3558*;
Net address: *HERBERTZ@HOST.PH1.UNI-KOELN.DE*.

Site-wide values: *USERS=20 PROGS=1 TASKS=5*

37 *SITE=Phys. Inst. Koeln CPU=DEC Clus. (2*uVAXII;uVAXIII) AP=none OS=VMS 5.3 DISK=1.5 MEM=16 PLOT=? TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=10 VLA=0 NONRADIO=0*

Juergen Schmidt, Max-Planck-Inst. fuer Radioastronomie, Auf dem Hugel 69, D-5300 Bonn 1, GERMANY;
Net address: *schmidtj%mpirbn.uucp@unido.uucp*;
Net address: *schmidtj@mpifr-bonn.mpg.de*.

Site-wide values: *USERS=30 PROGS=1 TASKS=0*

38 *SITE=MPIfR Bonn CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=1.8 MEM=32 PLOT=QMS 800 TV=Sun-4/65 TAPE=1600bpi,6250bpi AVUSERS=3 AIPS=15APR90 FRACT=50 VLA=80 NONRADIO=0*

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Telephone: *+49-89-3200-6362*;
Net address: *gustaaf@dgaeso51.bitnet*;
Net address: *28754::gustaaf*.

Site-wide values: *USERS=4 PROGS=1 TASKS=0 BAND=optical*

39 *SITE=ESO Garching CPU=Sun-4/60 AP=none OS=UNIX Sun x.x DISK=0.5 MEM=16 PLOT=? TV=Sun-4 TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT90 FRACT=30 VLA=60 NONRADIO=40*

40 *SITE=ESO Garching CPU=DEC VAX8600 AP=none OS=VMS 4.7 DISK=0.3 MEM=40 PLOT=Versatec xxxx,QMS 800 TV=Gould 85 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=2 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0*

41 *SITE=Fomi Sat. Geod. Obs. CPU=DEC uVAX II AP=none OS=VMS x.x DISK=0.4 MEM=9 PLOT=HP LaserJet II TV=? TAPE=? AVUSERS=? AIPS=? FRACT=1 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=10 PROGS=5 TASKS=0 BAND=optical*

42 *SITE=PRL Ahmedabad CPU=DEC uVAX II AP=none OS=VMS x.x DISK=0.06 MEM=10 PLOT=? TV=Vibhyor-2001 TAPE=? AVUSERS=? AIPS=? FRACT=20 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=10 PROGS=0 TASKS=0*

43 *SITE=Bombay IR CPU=DEC VAX780 AP=none OS=VMS x.x DISK=0.05 MEM=2 PLOT=Calcomp TV=? TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=4 PROGS=1 TASKS=0 BAND=optical*

44 *SITE=IIA Bangalore CPU=DEC VAX780 AP=none OS=VMS 4.7 DISK=0.3 MEM=4 PLOT=Printronix 600 TV=COMTAL Vision One TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15JAN89 FRACT=15 VLA=0 NONRADIO=55*

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Site-wide values: *USERS=2 PROGS=1 TASKS=0*

45 *SITE=Raman Res. Inst. CPU=DEC VAX780 AP=none OS=VMS 4.2 DISK=0.6 MEM=16 PLOT=Printronix 600,HP LaserJet IIP TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=25 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=20 PROGS=0 TASKS=2 BAND=optical,X-ray*

46 *SITE=Ooty Obs. CPU=DEC VAX750 AP=FPS 5205 OS=VMS 4.2 DISK=0.912 MEM=6 PLOT=Printronix 4160,QMS 800,HP LaserJet IIP TV=IIS 75 TAPE=1600bpi AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=50 NONRADIO=10*

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Site-wide values: *USERS=3 PROGS=0 TASKS=0*

47 *SITE=Tel Aviv U. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.2 MEM=21 PLOT=? TV=Sun-4 TAPE=Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=10 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=6 PROGS=0 TASKS=0 BAND=other*

48 *SITE=Arcetri Obs. CPU=Sun-3/60 AP=none OS=UNIX Sun 4.1 DISK=0.8 MEM=4 PLOT=Apple Laserwriter TV=Sun-3 TAPE=6250bpi AVUSERS=2 AIPS=15APR90 FRACT=30 VLA=95 NONRADIO=5*

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Net address: *40061::santo*.

Site-wide values: *USERS=5 PROGS=0 TASKS=0 BAND=optical,UV,other*

49 *SITE=U. Catania CPU=DEC VAX750 AP=none OS=VMS x.x DISK=1.2 MEM=11 PLOT=Printronix 300,Apple Laserwriter+ TV=Ramtek 9460* TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=70 NONRADIO=30*

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Net address: *137.204.51.1 Nanni*.

Site-wide values: *USERS=15 PROGS=3 TASKS=1 BAND=optical*

50 *SITE=Bologna IRA CPU=Convex C-201 AP=Vector Regs OS=UNIX Convex 8.1 DISK=1.5 MEM=64 PLOT=QMS 800 TV=IIS IVAS TAPE=800bpi,1600bpi,6250bpi AVUSERS=3 AIPS=15JUL90 FRACT=30 VLA=70 NONRADIO=10*

51 *SITE=NOTO IRA CPU=DEC uVAX3300 AP=none OS=VMS 5.3 DISK=1 MEM=16 PLOT=Postscript TV=none TAPE=6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=60 VLA=50 NONRADIO=10*

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Site-wide values: *USERS=36 PROGS=0 TASKS=0 BAND=IR*

52 *SITE=Nobeyama Radio Obs. CPU=Fujitsu VP50 AP=Vector Regs OS=Fujitsu DISK=2.52 MEM=32 PLOT=? TV=? TAPE=? AVUSERS=? AIPS=? FRACT=58 VLA=8 NONRADIO=0*

53 *SITE=Nobeyama Radio Obs. CPU=Fujitsu M380S AP=none OS=Fujitsu DISK=2.52 MEM=24 PLOT=Facom 6715E TV=Graphica I5048 TAPE=? AVUSERS=? AIPS=? FRACT=16 VLA=8 NONRADIO=5*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0 BAND=X-ray*

54 *SITE=Kobe U. Gamma Ray CPU=Sun-3/260C AP=none OS=UNIX Sun 4.2 DISK=0.5 MEM=4 PLOT=Apple Laserwriter II TV=Sun-3 TAPE=QIC24 AVUSERS=1 AIPS=15APR90 FRACT=3 VLA=0 NONRADIO=90*

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Site-wide values: *USERS=15 PROGS=2 TASKS=3 BAND=optical*

55 *SITE=Leiden Obs. CPU=Convex C-220 AP=Vector Regs OS=UNIX Convex 8.1 DISK=2.5 MEM=32 PLOT=HP LaserJet III TV=? TAPE=800bpi,1600bpi,6250bpi AVUSERS=3 AIPS=15OCT89 FRACT=25 VLA=90 NONRADIO=10*

56 *SITE=Leiden Obs. CPU=DECstation 3100 AP=none OS=VMS 4.6 DISK=0.3 MEM=12 PLOT=? TV=DECstation TAPE=800bpi,1600bpi,6250bpi AVUSERS=2 AIPS=15OCT89 FRACT=40 VLA=80 NONRADIO=10*

57 *SITE=Leiden Obs. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3c DISK=0.3 MEM=12 PLOT=Apple Laserwriter TV=Sun-4 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=40 VLA=80 NONRADIO=10*

58 *SITE=Leiden Obs. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3c DISK=0.3 MEM=12 PLOT=Apple Laserwriter TV=Sun-4 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=40 VLA=80 NONRADIO=10*

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Site-wide values: *USERS=10 PROGS=1 TASKS=1 BAND=optical*

59 *SITE=NFRA Dwingeloo CPU=Alliant FX/8-3CE AP=Vector Regs OS=UNIX Concentrix 5.5 DISK=0.8 MEM=24 PLOT=QMS 800 TV=DECstation (XAS) TAPE=800bpi,1600bpi,6250bpi AVUSERS=3 AIPS=15APR90 FRACT=40 VLA=75 NONRADIO=20*

60 *SITE=NFRA Dwingeloo CPU=DEC uVAX3400 AP=none OS=VMS 5.3 DISK=0.4 MEM=12 PLOT=QMS 800,Calcomp 81 TV=Gould 85 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=30 VLA=50 NONRADIO=10*

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Site-wide values: *USERS=10 PROGS=0 TASKS=0 BAND=optical*

61 *SITE=Kapteyn Institute CPU=Sun Clus. (4*4/65) AP=none OS=UNIX Sun 4.1 DISK=2.5 MEM=16 PLOT=QMS PS-810 TV=Sun-4 TAPE=? AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=80 NONRADIO=10*

62 *SITE=Kapteyn Institute CPU=Alliant FX/80 AP=Vector Regs OS=UNIX Concentrix 5.5 DISK=2.5 MEM=32 PLOT=QMS PS-810 TV=Sun-4,DECstations TAPE=1600bpi,6250bpi,DAT AVUSERS=2 AIPS=15APR90 FRACT=30 VLA=80 NONRADIO=10*

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Site-wide values: *USERS=1 PROGS=0 TASKS=0*

63 *SITE=ESA/ESTEC-SA*
CPU=DEC Clus. (3600;3100;2000;5000) AP=none OS=VMS 5.4,UNIX Ultrix 4.0 DISK=1 MEM=32 PLOT=DEC Scriptprinter TV=Gould TAPE=1600bpi,6250bpi,TK70 AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=0 NONRADIO=0

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Site-wide values: *USERS=8 PROGS=4 TASKS=230 BAND=optical,X-ray*

64 *SITE=NRAO CVAX CPU=DEC VAX780 AP=FPS 120B OS=VMS 4.6 DISK=1.3 MEM=8 PLOT=QMS 800,Versatec 1200A TV=none TAPE=800bpi,1600bpi,6250bpi AVUSERS=0.3 AIPS=15APR89 FRACT=0.3 VLA=50 NONRADIO=5*

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Site-wide values: *USERS=25 PROGS=4 TASKS=230*

65 *SITE=NRAO LEMUR CPU=IBM RS-6000 AP=none OS=UNIX AIX DISK=0.8 MEM=32 PLOT=QMS 800,QMS PS-800 TV=IBM color (8-bit) TAPE=800bpi,1600bpi,6250bpi,Exabyte AVUSERS=1.5 AIPS=15APR91 FRACT=100 VLA=80 NONRADIO=0*

66 *SITE=NRAO COLOBUS CPU=DECstation 3100 AP=none OS=UNIX Ultrix 4.0 DISK=0.3 MEM=16 PLOT=QMS 800,QMS PS-800 TV=DECstation color (8-bit) TAPE=TK50 AVUSERS=0.5 AIPS=15APR91 FRACT=100 VLA=0 NONRADIO=0*

67 *SITE=NRAO MANDRILL CPU=Sun-4/110 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=8 PLOT=QMS 800,QMS PS-800 TV=Sun-4 color TAPE=QIC24,QIC11 AVUSERS=1 AIPS=15APR91 FRACT=10 VLA=80 NONRADIO=5*

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Site-wide values: *USERS=25 PROGS=4 TASKS=230 BAND=optical,X-ray,IR*

68 *SITE=NRAO NRAO1 CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=5.8 MEM=32 PLOT=QMS 800,QMS PS-800,Versatec 1200A TV=IIS 70E,IIS IVAS TAPE=800bpi,1600bpi,6250bpi AVUSERS=6 AIPS=15APR91 FRACT=90 VLA=80 NONRADIO=1*

69 *SITE=NRAO CV AIPS GROUP CPU=Sun Clus. (3/50;3/60G;3/110) AP=none OS=UNIX Sun 4.1 DISK=0.63 MEM=12 PLOT=QMS 800,QMS PS-800,Versatec 1200A TV=Sun-3 mono,Sun-3 color TAPE=QIC11,QIC24 AVUSERS=3 AIPS=15APR91 FRACT=100 VLA=10 NONRADIO=0*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0*

70 *SITE=NRAO GB SUN CPU=Sun-3/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.3 MEM=8 PLOT=NEC LC-800,Postscript TV=Sun-3 color TAPE=6250bpi,QIC24 AVUSERS=1 AIPS=15APR90 FRACT=0.1 VLA=10 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=0 TASKS=0*

71 *SITE=NRAO KILLIANS CPU=Sun-4/60GX AP=none OS=UNIX Sun 4.1 DISK=0.65 MEM=8 PLOT=QMS 800 TV=Sun-4 color TAPE=QIC24,QIC150 AVUSERS=1 AIPS=15JUL90 FRACT=10 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=1 PROGS=6 TASKS=7 BAND=radar,optical*

72 *SITE=NRAO AOC SPARC2 CPU=Sun-4/60 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=4 PLOT=QMS 1500 TV=Sun-4 TAPE=? AVUSERS=1 AIPS=15APR91 FRACT=10 VLA=50 NONRADIO=50*

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Site-wide values: *USERS=1 PROGS=1 TASKS=230*

73 *SITE=NRAO KONG CPU=Sun-3/60 AP=none OS=UNIX Sun 4.1 DISK=0.2 MEM=16 PLOT=? TV=Sun-3 (X-Windows) TAPE=? AVUSERS=1 AIPS=15APR91 FRACT=90 VLA=10 NONRADIO=0*

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Site-wide values: *USERS=400 PROGS=6 TASKS=230 BAND=radar,optical*

74 *SITE=NRAO YUCCA CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=4.2 MEM=64 PLOT=QMS 1500,QMS 1500 PS,IBM 4019 TV=IIS 70 TAPE=1600bpi,6250bpi AVUSERS=6 AIPS=15APR91 FRACT=90 VLA=95 NONRADIO=5*

75 *SITE=NRAO CHOLLA CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=3.5 MEM=64 PLOT=QMS 1500,QMS 1500 PS,IBM 4019 TV=IIS 70,IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=5.5 AIPS=15APR91 FRACT=75 VLA=99 NONRADIO=0.5*

76 *SITE=NRAO VAX1 CPU=DEC VAX780 AP=FPS 120B OS=VMS 4.7 DISK=2.2 MEM=4 PLOT=QMS 1500 TV=IIS 70 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=10 VLA=95 NONRADIO=2*

77 *SITE=NRAO OUTBAX CPU=DEC VAX750 AP=FPS 120B OS=VMS 4.7 DISK=1.13 MEM=3 PLOT=QMS 800 TV=IIS 70 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=90 VLA=95 NONRADIO=5*

78 *SITE=NRAO NEGRA CPU=Sun-3/60 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=16 PLOT=? TV=Sun-3 color TAPE=? AVUSERS=1 AIPS=15APR91 FRACT=95 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=10 PROGS=1 TASKS=1*

79 *SITE=Inst. Ast. Andalucia CPU=DEC VAX6310 AP=none OS=VMS 5.4 DISK=3 MEM=32 PLOT=DEC LN03+ TV=? TAPE=6250bpi AVUSERS=1 AIPS=15APR90 FRACT=10 VLA=100 NONRADIO=0*

80 *SITE=Inst. Ast. Andalucia CPU=DEC uVAX II AP=none OS=VMS 5.2 DISK=0.43 MEM=10 PLOT=DEC LN03+ TV=? TAPE=1600bpi AVUSERS=1 AIPS=15APR90 FRACT=1 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=4 PROGS=1 TASKS=1*

81 *SITE=Stockholm Obs. CPU=Alliant FX/8-4CE AP=Vector Regs OS=UNIX Concentrix x.x DISK=1.2 MEM=48 PLOT=Apple Laserwriter TV=Raster Technology 1/80 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT88 FRACT=5 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=7 PROGS=1 TASKS=15 BAND=IR,other*

82 *SITE=Onsala Space Obs. CPU=Convex C-1/XL AP=Vector Regs OS=UNIX Convex x.x DISK=1.7 MEM=32 PLOT=QMS 800,TI 2108 TV=IIS 75 TAPE=? AVUSERS=? AIPS=? FRACT=80 VLA=10 NONRADIO=1*

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Site-wide values: *USERS=10 PROGS=2 TASKS=0 BAND=optical*

83 *SITE=MRAO CPU=Sun Clus. (2*4/60) AP=none OS=UNIX Sun 4.0 DISK=0.6 MEM=12 PLOT=? TV=Sun-4 (Sunview) TAPE=6250bpi,QIC24,Exabyte AVUSERS=2 AIPS=15JUL90 FRACT=90 VLA=80 NONRADIO=10*

84 *SITE=MRAO CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=0.1 MEM=9 PLOT=Omnilaser 2108 TV=Digisolve Ikon TAPE=6250bpi,Exabyte AVUSERS=1 AIPS=15OCT87 FRACT=0.1 VLA=0 NONRADIO=50*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0 BAND=optical*

85 *SITE=R. Greenwich Obs. CPU=DEC Clus. (uVAX3400) AP=none OS=VMS 5.3-1 DISK=0.25 MEM=20 PLOT=Canon laser,Printronix xxx TV=Digisolve Ikon TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT88 FRACT=2 VLA=90 NONRADIO=5*

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Site-wide values: *USERS=5 PROGS=0 TASKS=0*

86 *SITE=R. Obs. Edinburgh CPU=DEC VAX780 AP=none OS=VMS x.x DISK=0.256 MEM=8 PLOT=Versatec xxxx,Canon LP68 II TV=Sigma ARGS xxxx TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=25 PROGS=0.3 TASKS=6 BAND=optical*

87 *SITE=Jodrell Bank CPU=Alliant FX/8-4CE AP=Vector Regs OS=UNIX Concentrix 5.5.03 DISK=1.6 MEM=24 PLOT=Canon laser TV=Apollo DN560,Digisolve Ikon,Sun-4 TAPE=800bpi,1600bpi,6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=60 VLA=45 NONRADIO=2*

88 *SITE=Jodrell Bank CPU=DEC uVAX3400 AP=PSAP OS=VMS 5.3 DISK=1.5 MEM=20 PLOT=Canon laser TV=Sigma ARGS xxxx,Digisolve Ikon TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=20 VLA=45 NONRADIO=5*

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Site-wide values: *USERS=3 PROGS=1 TASKS=0*

89 *SITE=U. Oxford Astrophys. CPU=DEC Clus. (3800;uVAXII;3100) AP=none OS=VMS 5.3-1 DISK=0.1 MEM=2.1 PLOT=Canon Mark II TV=Digisolve Ikon TAPE=1600bpi,6250bpi,CIFER,Exabyte AVUSERS=1 AIPS=15OCT89 FRACT=5 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=10 PROGS=0.5 TASKS=2 BAND=IR,other,radar*

90 *SITE=Arecibo Obs. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.1 DISK=1 MEM=8 PLOT=QMS 800,QMS PS-xxx TV=Sun-4 TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=30 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=7 PROGS=0 TASKS=4 BAND=IR,optical*

91 *SITE=U. Mass. CPU=DEC VAX750 AP=none OS=VMS 4.7 DISK=0.5 MEM=8 PLOT=HP 7475A,Apple Laserwriter II TV=Gould FD5000 (dead) TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=50 NONRADIO=50*

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Site-wide values: *USERS=6 PROGS=1 TASKS=2 BAND=holography,optical*

92 *SITE=Haystack Obs. CPU=Sun-4/65 AP=none OS=UNIX Sun 4.0.3 DISK=1.4 MEM=8 PLOT=HP LaserJet+,HP LaserJet II,HP LaserJet III TV=Sun-4 (Sunview) TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=70 VLA=85 NONRADIO=15*

93 *SITE=Haystack Obs. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3 DISK=1.4 MEM=16 PLOT=HP LaserJet+,HP LaserJet II,HP LaserJet III TV=Sun-4 (Sunview) TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=85 VLA=70 NONRADIO=30*

94 *SITE=Haystack Obs. CPU=Sun-4/260 AP=none OS=UNIX Sun 4.0.3 DISK=1.4 MEM=8 PLOT=HP LaserJet+,HP LaserJet II,HP LaserJet III TV=Sun-4 (Sunview) TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=70 VLA=85 NONRADIO=15*

Sam Conner, Massachusetts Inst. of Tech., Room 26-331, Dept. of Physics, Cambridge, MA, 02116, USA;
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Site-wide values: *USERS=4 PROGS=0 TASKS=0*

95 *SITE=MIT Phys. CPU=Apollo DN3000 AP=none OS=UNIX x.x DISK=0.3 MEM=4 PLOT=HP LaserJet TV=Apollo DN3000 (1-bit) TAPE=? AVUSERS=? AIPS=? FRACT=20 VLA=80 NONRADIO=20*

96 *SITE=MIT Phys. CPU=Apollo DN320 AP=none OS=UNIX x.x DISK=0.3 MEM=4 PLOT=HP LaserJet TV=Apollo DN320 (1-bit) TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=80 NONRADIO=20*

97 *SITE=MIT Phys. CPU=Apollo DN660 AP=none OS=UNIX x.x DISK=0.3 MEM=6 PLOT=HP LaserJet TV=Apollo DN660 (8-bit) TAPE=? AVUSERS=? AIPS=? FRACT=20 VLA=80 NONRADIO=20*

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Site-wide values: *USERS=12 PROGS=1 TASKS=0 BAND=optical,X-ray*

98 *SITE=SAO Cambridge CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=2.5 MEM=32 PLOT=? TV=? TAPE=1600bpi,6250bpi AVUSERS=2.5 AIPS=15OCT90 FRACT=50 VLA=40 NONRADIO=15*

99 *SITE=SAO Cambridge CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=2.5 MEM=32 PLOT=QMS 800 TV=IIS TAPE=1600bpi,6250bpi AVUSERS=2.5 AIPS=15OCT90 FRACT=50 VLA=40 NONRADIO=15*

100 *SITE=SAO Cambridge CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=1.7 MEM=9 PLOT=QMS 800 TV=DEC uVAX GPX TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=20 VLA=40 NONRADIO=0*

101 *SITE=SAO Cambridge CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=0.75 MEM=10 PLOT=QMS 800 TV=DEC uVAX GPX TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=20 VLA=40 NONRADIO=0*

102 *SITE=SAO Cambridge CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=0.5 MEM=16 PLOT=QMS 800 TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=9 PROGS=1 TASKS=0 BAND=optical*

103 *SITE=MIT Phys. CPU=Sun Clus. (4/330;2*4/60) AP=none OS=UNIX Sun 4.1 DISK=1.3 MEM=16 PLOT=? TV=Sun-4 (Sunview) TAPE=Exabyte AVUSERS=2 AIPS=15APR90 FRACT=90 VLA=95 NONRADIO=5*

Joseph Lehar, Massachusetts Inst. of Tech., Room 26-331, Dept. of Physics, Cambridge, MA, 02139, USA;
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Site-wide values: *USERS=5 PROGS=0 TASKS=0*

104 *SITE=MIT Radio Astron. CPU=DEC Clus. (2*3500;750) AP=none OS=VMS 4.5 DISK=0.1 MEM=24 PLOT=QMS Lasergrafix TV=? TAPE=? AVUSERS=? AIPS=? FRACT=30 VLA=100 NONRADIO=0*

Robert F. Willson, Tufts University, Dept. of Physics & Astronomy, Robinson Hall, Medford, MA, 02155, USA;
Telephone: *617-628-5000*.

Site-wide values: *USERS=3 PROGS=0 TASKS=0*

105 *SITE=Tufts U. CPU=Sun-X/xxx AP=none OS=UNIX Sun x.x DISK=0.3 PLOT=HP LaserJet II TV=Sun TAPE=QIC24 AVUSERS=1 AIPS=15APR90 FRACT=50 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=6 PROGS=0 TASKS=2 BAND=IR,optical*

106 *SITE=Boston U. CPU=DEC uVAX II AP=none OS=VMS 5.3-1 DISK=2 MEM=13 PLOT=QMS PS-820,QMS Talaris 1590-T TV=Gould IP8400 TAPE=1600bpi,6250bpi,TK50 AVUSERS=1 AIPS=15OCT88 FRACT=30 VLA=30 NONRADIO=10*

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Net address: *ZHANG@buasta.bitnet*.

Site-wide values: *USERS=5 PROGS=0 TASKS=0 BAND=radar*

107 *SITE=Boston U. CPU=Sun Clus. (2*4/60) AP=none OS=UNIX Sun 4.0.3c DISK=1 MEM=16 PLOT=QMS 810,QMS PS-820 TV=Sun-4,DECstation TAPE=1600bpi,6250bpi AVUSERS=3 AIPS=15JUL90 FRACT=30 VLA=30 NONRADIO=0*

Dave Roberts, Brandeis Univ., Physics Dept., 415 South St., Waltham, MA, 02254-9110, USA;
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Site-wide values: *USERS=3 PROGS=1 TASKS=1*

108 *SITE=Brandeis U. CPU=DEC VAX8650 AP=FPS 5105 OS=VMS x.x DISK=1 MEM=32 PLOT=Printronix xxx,DEC LN01 TV=? TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=1 TASKS=0*

109 *SITE=U. Maine Astron. CPU=Sun-3/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.3 MEM=8 PLOT=HP LaserJet (w/PS) TV=Sun-3 TAPE=QIC24 AVUSERS=1 AIPS=15JUL90 FRACT=10 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=1 PROGS=1 TASKS=2 BAND=IR,other*

110 *SITE=Jack Carmody CPU=DEC VAX780 AP=none OS=VMS 4.4 DISK=2 MEM=10 PLOT=? TV=? TAPE=6250bpi AVUSERS=? AIPS=15OCT85 FRACT=10 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=3 PROGS=1 TASKS=0 BAND=optical*

111 *SITE=Bell Labs. Murray Hill CPU=DEC VAX785 AP=none OS=UNIX 4.x DISK=0.1 MEM=8 PLOT=Imagen x/yyy TV=IIS 75 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL85 FRACT=1 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=6 PROGS=1 TASKS=1*

112 *SITE=Princeton U. Obs. CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 6.2 DISK=0.8 MEM=128 PLOT=Printronix xxx,Versatec xxxx,Imagen 8/300 TV=Sun-3 color TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=100 NONRADIO=0*

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Net address: *car@cuphyd.phys.columbia.edu*.

Site-wide values: *USERS=10 PROGS=1 TASKS=0 BAND=X-ray,IR,optical*

113 *SITE=Columbia U. Astron. CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 8.1 DISK=1 MEM=32 PLOT=Apple Laserwriter TV=IIS 75 TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT90 FRACT=50 VLA=75 NONRADIO=25*

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Net address: *astron@orion.phys.rpi.edu*.

Site-wide values: *USERS=10 PROGS=1 TASKS=0 BAND=IR*

114 *SITE=Rensselaer P. Inst. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.2 MEM=8 PLOT=TI 8250,Omnilaser (Postscript) TV=Sun-4 (Sunview) TAPE=1600bpi,6250bpi,0.25" cartridge AVUSERS=2 AIPS=15APR89 FRACT=60 VLA=25 NONRADIO=50*

115 *SITE=Rensselaer P. Inst. CPU=Sun-3/60 AP=none OS=UNIX Sun 3.5 DISK=0.28 MEM=4 PLOT=TI 2105 (Postscript) TV=Sun-3 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR89 FRACT=50 VLA=25 NONRADIO=50*

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Net address: *clegg@crnlastr.bitnet*.

Site-wide values: *USERS=5 PROGS=0 TASKS=0 BAND=IR*

116 *SITE=Cornell U. CPU=DEC VAX750 AP=none OS=VMS x.x DISK=0.1 MEM=5 PLOT=QMS 800 TV=? TAPE=? AVUSERS=? AIPS=? FRACT=1 VLA=33 NONRADIO=33*

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Site-wide values: *USERS=4 PROGS=0 TASKS=0*

117 *SITE=U. Pittsburgh Astron. CPU=Sun Clus. (5*4/60) AP=none OS=UNIX Sun 4.0.3 DISK=0.7 MEM=12 PLOT=Apple Laserwriter TV=Sun-4 TAPE=6250bpi,Exabyte AVUSERS=1 AIPS=15OCT90 FRACT=25 VLA=50 NONRADIO=0*

James Leous, Pennsylvania St. Univ., Dept. of Astronomy & Astrophysics, Univ. Park, PA, 16802, USA;
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Site-wide values: *USERS=6 PROGS=1 TASKS=3 BAND=IR,X-ray*

118 *SITE=Penn State U. CPU=Sun Clus. (4/65;4/60) AP=none OS=UNIX Sun 4.1,UNIX Sun 4.0.3c DISK=1.2 MEM=16 PLOT=Apple Laserwriter II TV=Sun-4 color TAPE=800bpi,1600bpi,6250bpi,QIC24,Exabyte,DAT AVUSERS=1 AIPS=15JAN89 FRACT=20 VLA=80 NONRADIO=20*

119 *SITE=Penn State U. CPU=Sun Clus. (4/110;4/20) AP=none OS=UNIX Sun 4.0.1,UNIX Sun 4.1 DISK=1 MEM=8 PLOT=Apple Laserwriter II TV=Sun-4/110 TAPE=800bpi,1600bpi,6250bpi,QIC24,Exabyte,DAT AVUSERS=2.5 AIPS=15JAN89 FRACT=60 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=3 PROGS=0.5 TASKS=2*

120 *SITE=Lafayette Coll. CPU=Sun-4/65 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=6.9 PLOT=HP LaserJet II TV=Sun-4 TAPE=QIC24,Exabyte AVUSERS=1 AIPS=15JUL90 FRACT=30 VLA=100 NONRADIO=0*

121 *SITE=Lafayette Coll. CPU=DEC VAX750 AP=none OS=VMS 5.1-1 DISK=0.5 MEM=14 PLOT=HP LaserJet II TV=Amiga 500 TAPE=1600bpi AVUSERS=1 AIPS=15OCT88 FRACT=30 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=15 PROGS=4 TASKS=7 BAND=IR,optical*

122 *SITE=Nav. Res. Lab. Radio CPU=Alliant FX/8-3CE AP=Vector Regs OS=UNIX Concentrix 5.5.02 DISK=4 MEM=48 PLOT=QMS Talaris 1590-T TV=Sun-4 (X-Windows),Alliant (X-Windows),PC-386 (X-Windows) TAPE=1600bpi,6250bpi AVUSERS=4 AIPS=15APR90 FRACT=80 VLA=80 NONRADIO=20*

123 *SITE=Nav. Res. Lab. X-Ray CPU=DEC uVAX II AP=none OS=VMS 5.3-1 DISK=0.3 MEM=8 PLOT=QMS Talaris 1590-T TV=Gould IP9000 TAPE=800bpi,1600bpi,6250bpi AVUSERS=0.25 AIPS=15JAN89 FRACT=10 VLA=25 NONRADIO=75*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0*

124 *SITE=U.S. Naval Obs. CPU=DEC VAX8530 AP=FPS 5300 OS=VMS 5.4 DISK=0.6 MEM=32 PLOT=QMS Talaris 1590 TV=IIS IVAS TAPE=1600bpi,6250bpi,8mm AVUSERS=1 AIPS=15APR89 FRACT=10 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0*

125 *SITE=U.S. Naval Obs. CPU=DEC VAX8530 AP=FPS 5305 OS=VMS 4.7 DISK=2.1 MEM=32 PLOT=QMS Talaris 1590-T TV=IIS IVAS,TEK 4014 TAPE=1600bpi,3200bpi,6250bpi AVUSERS=1 AIPS=15APR89 FRACT=2 VLA=95 NONRADIO=5*

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Site-wide values: *USERS=10 PROGS=3 TASKS=10 BAND=IR*

126 *SITE=ST Systems Corp. CPU=DEC VAX8200 AP=none OS=VMS x.x DISK=0.05 MEM=20 PLOT=QMS Talaris 800,Citoh TV=IIS IVAS TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=15 PROGS=3 TASKS=3 BAND=optical*

127 *SITE=NASA-GSFC SDCDCL CPU=Sun-3/60 AP=none OS=UNIX Sun x.x DISK=0.981 MEM=12 PLOT=? TV=Sun-3 TAPE=QIC11,QIC24,Exabyte AVUSERS=1 AIPS=15JUL88 FRACT=80 VLA=80 NONRADIO=20*

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Site-wide values: *USERS=40 PROGS=0.1 TASKS=4 BAND=IR,optical,UV*

128 *SITE=NASA-GSFC Ast/Solar CPU=DEC VAX6410 AP=FPS 5305 OS=VMS 5.3 DISK=1 MEM=32 PLOT=QMS 800,Postscript TV=Gould 8500 TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1.5 AIPS=15OCT88 FRACT=10 VLA=30 NONRADIO=70*

129 *SITE=NASA-GSFC Ast/Solar CPU=DEC VAX8350 AP=none OS=VMS 5.3 DISK=? MEM=8 PLOT=QMS 2400 TV=Gould 9500 TAPE=6250bpi,Exabyte AVUSERS=0.1 AIPS=15OCT88 FRACT=1 VLA=20 NONRADIO=80*

130 *SITE=NASA-GSFC Ast/Solar CPU=DEC VAX8350 AP=none OS=VMS 5.3 DISK=? MEM=12 PLOT=QMS Talaris 800 TV=Gould 8500 TAPE=800bpi,1600bpi,6250bpi,Exabyte AVUSERS=0.1 AIPS=15OCT88 FRACT=1 VLA=0 NONRADIO=100*

131 *SITE=NASA-GSFC Ast/Solar CPU=DEC VAX750 AP=none OS=VMS 5.3 DISK=1 MEM=8 PLOT=Versatec V80,QMS 800 TV=Gould 8500,IIS 75 TAPE=800bpi,1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT88 FRACT=30 VLA=10 NONRADIO=90*

132 *SITE=NASA-GSFC Ast/Solar CPU=DEC VAX750 AP=none OS=VMS 5.3 DISK=? MEM=15 PLOT=QMS 800,Postscript TV=Gould 8500 TAPE=800bpi,1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT88 FRACT=20 VLA=40 NONRADIO=60*

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Net address: *SDCDCL::PEDELTY*.

Site-wide values: *USERS=15 PROGS=1 TASKS=2 BAND=IR,optical,UV*

133 *SITE=NASA/GSFC SDCD CPU=DEC Clus. (6400;8820;8250;2*780;3*3200;3100;2000) AP=none OS=VMS 5.2 DISK=1.73 MEM=160 PLOT=QMS Talaris 1590-T,Apple Laserwriter TV=IIS 75,IIS IVAS,X-Windows TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=1 VLA=50 NONRADIO=50*

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Site-wide values: *USERS=12 PROGS=0 TASKS=0*

134 *SITE=S. T. Sci. Inst. CPU=Sun Clus. (4/490 server;4/280;10*4/60) AP=none OS=UNIX Sun 4.1 DISK=0.4 MEM=24 PLOT=Apple Laserwriter II NTX TV=Sun-4 (Sunview),Sun-4 (Openlook (XAS)) TAPE=6250bpi,QIC24,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=94 NONRADIO=6*

135 *SITE=S. T. Sci. Inst. CPU=Sun Clus. (4/490 server;6*4/60) AP=none OS=UNIX Sun 4.1 DISK=0.4 MEM=32 PLOT=Apple Laserwriter II NTX TV=Sun-4 (Sunview),Sun-4 (Openlook (XAS)) TAPE=6250bpi,QIC24,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=94 NONRADIO=6*

136 *SITE=S. T. Sci. Inst. CPU=Sun Clus. (4/490 server;3/280;8*3/60) AP=none OS=UNIX Sun 4.1 DISK=0.4 MEM=32 PLOT=Apple Laserwriter II NTX TV=Sun-4 (Sunview),Sun-4 (Openlook (XAS)) TAPE=6250bpi,QIC24,Exabyte AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=94 NONRADIO=6*

137 *SITE=S. T. Sci. Inst. CPU=DEC Clus. (8800) AP=FPS 5205 OS=VMS 5.3 DISK=0.4 MEM=32 PLOT=QMS 800,QMS 1200,DEC LN03R TV=Gould IP8500 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=70 NONRADIO=30*

138 *SITE=S. T. Sci. Inst. CPU=DEC VAX785 AP=FPS 5205 OS=VMS 5.3 DISK=0.4 MEM=32 PLOT=QMS 800,QMS 1200,DEC LN03R TV=Gould IP8500 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=70 NONRADIO=30*

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Site-wide values: *USERS=10 PROGS=1 TASKS=0 BAND=optical*

139 *SITE=U. Virginia CPU=DEC uVAX II AP=none OS=VMS x.x DISK=0.7 MEM=13 PLOT=QMS 800C,Pericom Video Printer TV=IIS IVAS TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=4 PROGS=1 TASKS=0 BAND=IR,X-ray*

140 *SITE=Va. Tech. Astron. CPU=Sun-3/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.4 MEM=4 PLOT=NEC LC890 (Postscript) TV=Sun-3 TAPE=QIC24,Exabyte AVUSERS=1 AIPS=15JAN90 FRACT=40 VLA=50 NONRADIO=20*

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Site-wide values: *USERS=3 PROGS=1 TASKS=0 BAND=optical*

141 *SITE=U. N. Carolina CPU=Convex C-240 AP=Vector Regs OS=UNIX Convex 9.0 DISK=7 MEM=128 PLOT=? TV=Sun-3/260 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=10 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=0.5 TASKS=2 BAND=other,X-ray*

142 *SITE=NC St. U. Phys. CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=0.8 MEM=10 PLOT=DEC LN03+ (Postscript) TV=IIS IVAS TAPE=1600bpi,TK50 AVUSERS=1 AIPS=15OCT90 FRACT=15 VLA=20 NONRADIO=80*

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Site-wide values: *USERS=4 PROGS=0 TASKS=0*

143 *SITE=U. Florida CPU=Sun-4/60 AP=none OS=UNIX Sun x.x DISK=0.6 MEM=12 PLOT=Postscript TV=Sun-4 TAPE=QIC24 AVUSERS=1 AIPS=15JUL90 FRACT=50 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=6 PROGS=2 TASKS=2 BAND=X-ray*

144 *SITE=NASA-Marshall SFC CPU=DEC Clus. (780;3100) AP=none OS=VMS 5.4 DISK=0.05 MEM=16 PLOT=QMS 800,QMS 810 TV=DEC (X-Windows planned) TAPE=6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=0.1 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=1 PROGS=0 TASKS=0*

145 *SITE=U. Ky. Astron. CPU=Sun-4/280 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=8 PLOT=Apple Laserwriter II TV=Sun-4 TAPE=1600bpi,6250bpi AVUSERS=? AIPS=15OCT90 FRACT=1 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=1 PROGS=0 TASKS=0 BAND=UV,optical*

146 *SITE=Ohio St. U. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.1 DISK=0.9 MEM=8 PLOT=Apple Laserwriter II TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=100 VLA=70 NONRADIO=30*

147 *SITE=Ohio St. U. CPU=DEC VAX8600 AP=none OS=VMS 5.3-1 DISK=0.1 MEM=12 PLOT=QMS Talaris 1590-T TV=? TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JAN87 FRACT=3 VLA=70 NONRADIO=30*

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Site-wide values: *USERS=2 PROGS=1 TASKS=0*

148 *SITE=Indiana U. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.0.3 DISK=0.66 MEM=16 PLOT=Postscript,HP GL,Zeta TV=Sun-4 (X-Windows) TAPE=QIC24 AVUSERS=1 AIPS=15JUL90 FRACT=5 VLA=5 NONRADIO=0*

149 *SITE=Indiana U. CPU=DEC uVAX II AP=none OS=VMS 5.4 DISK=0.7 MEM=9 PLOT=HP 7475,Postscript TV=IAC QD512,Data Translation AT2651,X-Windows TAPE=QIC24 AVUSERS=1 AIPS=15JUL90 FRACT=5 VLA=5 NONRADIO=0*

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Site-wide values: *USERS=10 PROGS=1 TASKS=10 BAND=IR,optical*

150 *SITE=U. Michigan CPU=DEC VAX750 AP=FPS 5205 OS=VMS x.x DISK=1.3 MEM=8 PLOT=Imagen Innovator,HP 7550A TV=RCI TRAPIX 5500 TAPE=? AVUSERS=? AIPS=? FRACT=20 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=20 PROGS=0.5 TASKS=10*

151 *SITE=Michigan St. U. CPU=DEC VAX750 AP=none OS=VMS x.x DISK=1.4 MEM=8 PLOT=Printronix xxx,QMS Talaris xxx TV=Grinnell GMRxxx TAPE=? AVUSERS=? AIPS=? FRACT=2 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=7 PROGS=1 TASKS=6 BAND=X-ray*

152 *SITE=Iowa St. U. CPU=Stellar 1000 AP=none OS=UNIX Stellix System V DISK=0.5 MEM=32 PLOT=? TV=Stellar TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=75 NONRADIO=25*

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Site-wide values: *USERS=10 PROGS=2 TASKS=4 BAND=other,optical*

153 *SITE=U. Iowa CPU=Sun Clus. (2*4/40) AP=none OS=UNIX Sun 4.1 DISK=1.5 MEM=24 PLOT=HP LaserJet II TV=Sun-4 (X-Windows) TAPE=QIC24 AVUSERS=1 AIPS=15JUL90 FRACT=35 VLA=65 NONRADIO=0*

154 *SITE=U. Iowa CPU=DEC uVAX3200 AP=none OS=VMS 5.3-1 DISK=1.5 MEM=16 PLOT=HP LaserJet II TV=DEC (X-Windows) TAPE=TK50,Exabyte AVUSERS=2 AIPS=15JUL90 FRACT=50 VLA=75 NONRADIO=5*

155 *SITE=U. Iowa CPU=DEC VAX4000 AP=none OS=VMS 5.3 DISK=0.4 MEM=24 PLOT=HP 7475,HP LaserJet II TV=IIS 75 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=15 VLA=90 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=0 TASKS=0 BAND=optical,UV,X-ray*

156 *SITE=U. Wisc. Washburn Obs. CPU=DEC VAX780 AP=none OS=VMS 5.3-1 DISK=1 MEM=32 PLOT=Printronix 300,DEC LN03+,DEC LN03R TV=Grinnell GMR270,DEC VAXstation 3100 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=40 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=10 PROGS=3 TASKS=30 BAND=optical,X-ray*

157 *SITE=U. Wisc. Space Phys. CPU=DEC uVAX II AP=none OS=VMS 4.5 DISK=0.37 MEM=5 PLOT=? TV=Peritek VCK TAPE=6250bpi AVUSERS=1 AIPS=15OCT89 FRACT=95 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=15 PROGS=4 TASKS=5 BAND=IR*

158 *SITE=U. Minnesota CPU=Cray X-MP/4 AP=Vector Regs OS=UNIX UniCOS 5.1 DISK=2 MEM=16 PLOT=Apple Laserwriter TV=Sun TAPE=6250bpi,Exabyte AVUSERS=2 AIPS=15JAN87 FRACT=0.2 VLA=100 NONRADIO=0*

159 *SITE=U. Minnesota CPU=Sun Clus. (2*3/60;2*4/60) AP=none OS=UNIX Sun 4.0.3c DISK=2.5 MEM=16 PLOT=Apple Laserwriter TV=Sun TAPE=1600bpi,6250bpi,Exabyte AVUSERS=0.5 AIPS=15OCT89 FRACT=70 VLA=80 NONRADIO=10*

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Site-wide values: *USERS=6 PROGS=0 TASKS=0 BAND=IR,optical*

160 *SITE=Northwestern U. CPU=Sun-4/40 AP=none OS=UNIX Sun 4.0.3 DISK=1.4 MEM=8 PLOT=Apple Laserwriter TV=Sun-4 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=99 VLA=100 NONRADIO=0*

161 *SITE=Northwestern U. CPU=Sun-4/280S AP=none OS=UNIX Sun 4.0.3 DISK=1 MEM=8 PLOT=Apple Laserwriter TV=Sun-4 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=99 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=15 PROGS=0 TASKS=3 BAND=optical,IR*

162 *SITE=U. Illinois CSO CPU=Convex C-210 AP=Vector Regs OS=UNIX Convex 8.1 DISK=0.4 MEM=128 PLOT=Apple Laserwriter TV=none TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=2 VLA=80 NONRADIO=20*

163 *SITE=U. Illinois Astron. CPU=Sun-4/490 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=256 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=0.25 AIPS=15OCT90 FRACT=10 VLA=80 NONRADIO=20*

164 *SITE=U. Illinois Astron. CPU=Sun-3/180 AP=none OS=UNIX Sun x.x DISK=0.4 MEM=12 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15OCT89 FRACT=80 VLA=80 NONRADIO=20*

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Site-wide values: *USERS=3 PROGS=1 TASKS=0 BAND=X-ray,biomed*

165 *SITE=Mallinckrodt Inst. Radiology CPU=DEC uVAX3600 AP=none OS=VMS 5.3 DISK=1 MEM=32 PLOT=HI DMP29,HP 7475A TV=IIS 75,IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR89 FRACT=10 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=10 PROGS=1 TASKS=5 BAND=optical,IR*

166 *SITE=U. Missouri CPU=DEC VAX8600 AP=none OS=VMS 5.0 DISK=2 MEM=72 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=800bpi,1600bpi,6250bpi,Kennedy 9610 AVUSERS=1 AIPS=15OCT89 FRACT=20 VLA=50 NONRADIO=35*

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Net address: *uokhep::atom1::feldt*.

Site-wide values: *USERS=4 PROGS=0 TASKS=1 BAND=optical,IR*

167 *SITE=U. Oklahoma CPU=DEC uVAX II/GPX AP=none OS=VMS 5.3 DISK=0.7 MEM=9 PLOT=Apple Laserwriter,QMS PS-800 II TV=IIS IVAS TAPE=1600bpi,TK50 AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=80 NONRADIO=20*

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Site-wide values: *USERS=6 PROGS=0 TASKS=0*

168 *SITE=Trinity U. CPU=Sun-4/330 AP=none OS=UNIX Sun 4.1 DISK=0.2 MEM=8 PLOT=Apple Laserwriter+ TV=Sun-4,Sony Trinitron TAPE=QIC24,QIC150 AVUSERS=2 AIPS=15JAN90 FRACT=50 VLA=70 NONRADIO=0*

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Site-wide values: *USERS=15 PROGS=2 TASKS=6*

169 *SITE=U. Texas Austin CPU=Sun-3/280S AP=none OS=UNIX Sun 4.0 DISK=0.6 MEM=8 PLOT=Apple Laserwriter II TV=Sun-3 color TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=60 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=1 TASKS=7 BAND=IR,optical,UV*

170 *SITE=U. Colorado APAS CPU=DEC VAX750 AP=FPS 5310 OS=VMS x.x DISK=1.2 MEM=8 PLOT=QMS 800 TV=Grinnell xxxx TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=95 NONRADIO=5*

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Site-wide values: *USERS=3 PROGS=0 TASKS=0*

171 *SITE=U. Colorado APAS CPU=Sun Clus. (5*4/65GX) AP=none OS=UNIX Sun 4.4.1 DISK=1 MEM=16 PLOT=SPARCprinter,HP LaserJet III TV=Sony Trinitron TAPE=6250bpi,Exabyte,CD-ROM AVUSERS=1 AIPS=15JUL90 FRACT=100 VLA=80 NONRADIO=0*

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Site-wide values: *USERS=4 PROGS=0 TASKS=5*

172 *SITE=U. Colorado CASA CPU=DEC uVAX3100 AP=none OS=VMS 5.3 DISK=? PLOT=QMS Talaris 800,QMS Talaris xxx TV=DEC (X-Windows) TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=100 NONRADIO=0*

173 *SITE=U. Colorado CASA CPU=DEC uVAX II AP=none OS=VMS 5.3 DISK=0.1 MEM=16 PLOT=QMS Talaris 800,QMS Talaris xxx TV=IIS IVAS TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT90 FRACT=5 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=4 PROGS=0 TASKS=0 BAND=IR*

174 *SITE=U. Wyoming IR Obs. CPU=Masscomp MC5500 AP=none OS=UNIX x.x DISK=0.8 MEM=10 PLOT=HP LaserJet+ TV=Masscomp GA1000 TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=3 NONRADIO=7*

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Site-wide values: *USERS=2 PROGS=1 TASKS=0*

175 *SITE=Arizona St. U. CPU=DECstation 5000 AP=none OS=UNIX Ultrix 4.0 DISK=1 MEM=24 PLOT=? TV=DECstation (SAO Image) TAPE=800bpi,1600bpi,3200bpi,6250bpi AVUSERS=1 AIPS=15JAN91 FRACT=10 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0*

176 *SITE=Steward Obs. CPU=DEC VAX750 AP=none OS=VMS 5.2 DISK=0.5 MEM=6.25 PLOT=QMS Lasergrafix TV=none TAPE=1600bpi AVUSERS=1 AIPS=15APR89 FRACT=1 VLA=1 NONRADIO=0*

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Site-wide values: *USERS=5 PROGS=1 TASKS=0 BAND=IR,optical*

177 *SITE=Steward Obs. CPU=Sun-3/160 AP=none OS=UNIX Sun x.x DISK=1.8 MEM=8 PLOT=TI 2108 (Postscript) TV=Sun-3 color TAPE=? AVUSERS=? AIPS=? FRACT=15 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=1 PROGS=0 TASKS=0*

178 *SITE=Lowell Obs. CPU=Sun-4/60 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=16 PLOT=? TV=Sun-4 (Sunview) TAPE=6250bpi AVUSERS=1 AIPS=15JUL90 FRACT=100 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=14 PROGS=2 TASKS=6 BAND=IR,optical,X-ray*

179 *SITE=U. New Mexico CPU=DEC VAX8650 AP=FPS 120B OS=VMS x.x DISK=0.5 MEM=8 PLOT=QMS 800,HP LaserJet II TV=? TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=80 NONRADIO=20*

180 *SITE=U. New Mexico CPU=DEC uVAX3200 AP=none OS=VMS x.x DISK=0.5 MEM=8 PLOT=QMS 800,HP LaserJet II TV=IIS 75 TAPE=? AVUSERS=? AIPS=? FRACT=90 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=1 PROGS=1 TASKS=0*

181 *SITE=LANL CPU=DEC VAXxxxx AP=none OS=VMS 5.3-1 DISK=0.2 MEM=32 PLOT=? TV=? TAPE=6250bpi AVUSERS=1 AIPS=15APR90 FRACT=5 VLA=0 NONRADIO=0*

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Site-wide values: *USERS=1 PROGS=0 TASKS=0 BAND=other*

182 *SITE=New Mexico Tech AOC CPU=Sun-4/60 AP=none OS=UNIX Sun x.x DISK=0.5 MEM=16 PLOT=? TV=Sun-4 TAPE=? AVUSERS=1 AIPS=15APR91 FRACT=50 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=47 PROGS=0 TASKS=1*

183 *SITE=New Mexico St. U. CPU=Sun-4/390 AP=none OS=UNIX Sun 4.1 DISK=2 MEM=32 PLOT=Apple Laserwriter IIx TV=Sun-4 color TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT89 FRACT=30 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=16 PROGS=0 TASKS=0 BAND=IR,optical*

184 *SITE=UC Los Angeles CPU=Sun-3/260 AP=none OS=UNIX Sun 4.0.1 DISK=0.575 MEM=32 PLOT=Apple Laserwriter TV=Sun-3 color TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=90 NONRADIO=10*

185 *SITE=UC Los Angeles CPU=Sun-3/160 AP=none OS=UNIX Sun 4.0.1 DISK=0.575 MEM=16 PLOT=Apple Laserwriter TV=Sun-3 TAPE=1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=80 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=1 PROGS=1 TASKS=0 BAND=optical*

186 *SITE=USC Psychology CPU=Sun-3/160 AP=none OS=UNIX Sun x.x DISK=0.28 MEM=8 PLOT=Apple Laserwriter TV=Sun-3 TAPE=? AVUSERS=? AIPS=? FRACT=5 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=3 PROGS=2 TASKS=0 BAND=optical*

187 *SITE=JPL Optical Interferometry CPU=Sun-4/65 AP=none OS=UNIX Sun 4.1 DISK=0.2 MEM=64 PLOT=HP LaserJet III (w/PS) TV=Sun-4 (X-Windows) TAPE=? AVUSERS=1 AIPS=15JUL90 FRACT=1 VLA=0 NONRADIO=100*

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Net address: *xenos::dj*;
Net address: *6030::dj*.

Site-wide values: *USERS=7 PROGS=1 TASKS=1*

188 *SITE=NASA-JPL XENOS CPU=DEC VAX785 AP=none OS=VMS x.x DISK=0.25 MEM=16 PLOT=Printronix MVP,Imagen 8/300 TV=? TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=10 NONRADIO=5*

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Net address: *jplrag::kuiper*.

Site-wide values: *USERS=5 PROGS=0 TASKS=0 BAND=IR*

189 *SITE=JPL RAG CPU=DEC VAX750 AP=none OS=VMS 5.0-2 DISK=0.9 MEM=12 PLOT=Tektronix 4010,Apple Laserwriter+ TV=? TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15JUL86 FRACT=5 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=6 PROGS=0 TASKS=1 BAND=optical*

190 *SITE=JPL Section 335 CPU=Sun Clus. (2*4/60;4/390) AP=none OS=UNIX Sun 4.1 DISK=0.33 MEM=32 PLOT=Apple Laserwriter II TV=Sun-4 (Sunview) TAPE=1600bpi,6250bpi,QIC24,QIC150 AVUSERS=2 AIPS=15JUL90 FRACT=50 VLA=25 NONRADIO=25*

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Site-wide values: *USERS=2 PROGS=1 TASKS=4*

191 *SITE=JPL Planetary Astronomy CPU=DEC VAXxxxx AP=none OS=VMS x.x DISK=0.5 MEM=13 PLOT=? TV=Peritek VCX TAPE=6250bpi AVUSERS=1 AIPS=15APR90 FRACT=25 VLA=10 NONRADIO=0*

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Site-wide values: *USERS=7 PROGS=3 TASKS=10 BAND=radar,sub-mm*

192 *SITE=CIT Plan. Sci. CPU=DEC uVAX II AP=none OS=VMS 5.1 DISK=0.7 MEM=9 PLOT=TI 2115 laser,Apple Laserwriter II TV=Peritek VCH-Q TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR90 FRACT=50 VLA=50 NONRADIO=0*

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Site-wide values: *USERS=20 PROGS=0 TASKS=20*

193 *SITE=CIT Astronomy CPU=Convex C-1/XP AP=Vector Regs OS=UNIX Convex 7.1 DISK=0.6 MEM=32 PLOT=Printronix xxx,Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi,Exabyte AVUSERS=2 AIPS=15JUL90 FRACT=50 VLA=15 NONRADIO=0*

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Site-wide values: *USERS=5 PROGS=1 TASKS=0*

194 *SITE=UC Santa Barbara CPU=Sun-4/330 AP=none OS=UNIX Sun 4.0.3 DISK=2 PLOT=Postscript TV=Sun-4 (Sunview),Sun-4 (X-Windows) TAPE=1600bpi,6250bpi,QIC24,QIC150 AVUSERS=2 AIPS=15OCT89 FRACT=75 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=3 PROGS=0 TASKS=0 BAND=IR,optical*

195 *SITE=NASA-Ames CPU=DEC VAX8600 AP=none OS=VMS x.x DISK=0.128 MEM=12 PLOT=Imagen 8/300,Versatec xxxx TV=IIS IVAS TAPE=? AVUSERS=? AIPS=? FRACT=10 VLA=99 NONRADIO=1*

196 *SITE=NASA-Ames CPU=DEC VAX785 AP=none OS=VMS 4.6 DISK=0.128 MEM=12 PLOT=Imagen 8/300,Versatec xxxx TV=IIS IVAS TAPE=? AVUSERS=? AIPS=? FRACT=1 VLA=100 NONRADIO=0*

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Site-wide values: *USERS=4 PROGS=0 TASKS=0 BAND=IR*

197 *SITE=LLNL-IGPP CPU=Sun-4/380 AP=FPA OS=UNIX Sun x.x DISK=1.8 MEM=8 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=90 VLA=90 NONRADIO=10*

198 *SITE=LLNL-IGPP CPU=Sun-4/390 AP=FPA OS=UNIX Sun x.x DISK=? MEM=8 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=25 VLA=90 NONRADIO=10*

199 *SITE=LLNL-IGPP CPU=Sun-4/390 AP=none OS=UNIX Sun x.x DISK=1.5 MEM=8 PLOT=Apple Laserwriter TV=IIS IVAS TAPE=1600bpi,6250bpi AVUSERS=2 AIPS=15JUL90 FRACT=50 VLA=90 NONRADIO=10*

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Site-wide values: *USERS=12 PROGS=1 TASKS=1*

200 *SITE=UC Berkeley CPU=Sun-4/60 AP=none OS=UNIX Sun 4.1 DISK=0.6 MEM=8 PLOT=QMS 810 TV=Sun-4 color TAPE=1600bpi,6250bpi,Exabyte AVUSERS=1 AIPS=15OCT90 FRACT=20 VLA=95 NONRADIO=0*

201 *SITE=UC Berkeley CPU=DEC uVAX3200 AP=none OS=VMS 5.2 DISK=0.6 MEM=12 PLOT=Imagen 2308S TV=IIS IVAS TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15APR89 FRACT=15 VLA=95 NONRADIO=0*

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Site-wide values: *USERS=14 PROGS=0 TASKS=0 BAND=IR,optical*

202 *SITE=U. Washington CPU=DEC Clus. (4*u3200) AP=none OS=VMS 5.3a DISK=0.8 MEM=16 PLOT=QMS Talaris 1200,Apple Laserwriter TV=IIS 75 TAPE=800bpi,1600bpi,6250bpi AVUSERS=1 AIPS=15OCT88 FRACT=1 VLA=0 NONRADIO=100*

203 *SITE=U. Washington CPU=DEC uVAX3200 AP=none OS=VMS 5.3a DISK=0.6 MEM=9 PLOT=QMS Talaris 1200,Apple Laserwriter TV=IIS 75 TAPE=? AVUSERS=1 AIPS=15OCT88 FRACT=30 VLA=0 NONRADIO=100*

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Site-wide values: *USERS=2 PROGS=0 TASKS=0 BAND=optical*

204 *SITE=Washington St. U. CPU=DEC VAX785 AP=none OS=VMS 4.4 DISK=0.1 MEM=12 PLOT=? TV=IIS 70E TAPE=1600bpi AVUSERS=? AIPS=15JUL86 FRACT=1 VLA=0 NONRADIO=0*

Keyword-Value Cross-Reference Table

CPU

Country

DISK

PLOT

SITE

TAPE

TV

VLA