THE CN DIVISIONAL PLANNING GROUP

Minutes of the Meeting held on 16th. November 1992

PRESENT: R.Brun, J.J.Bunn(Secretary), F.Fluckiger, D.Jacobs, S.Jarp, C.M.S.Jones, J.–C.Juvet, M.Metcalf, A.Osborne(Chairman), H.R.Renshall, J.Richards, A.G.Silverman.

- *MINUTES OF LAST MEETING (CN/DPG/92/MIN/8), AND MATTERS ARISING*

The Minutes were accepted. In the meantime, there had been a special DPG devoted to a presentation of PIAF by R.Brun. It was agreed that Minutes of that meeting were not required, but that R.Brun would circulate copies of his transparencies.

- *POW ACTION LIST FOLLOW–UP*

1. *SOURCES OF LOGINS TO CENTRAL SYSTEMS*
J.Bunn and G.Smyris had investigated the origin of terminal sessions on VXCERN and CERNVM respectively. Both results showed that approximately 10 to 15% of sessions originated from off the CERN site. It was very hard to obtain precise figures. What had not been measured was the number of sessions involved in connecting *to* machines off the CERN site. It was mentioned that the ideal source of information would be an analysis of the packets on the network. But this was very hard to do, so that analysis software running on the main machines had to be used. A.Osborne asked that, eventually, the available data be regularly recorded as part of the weekly statistics package.
2. *WORKSTATION NUMBERS AND GROWTH*
A.Silverman said that he would have some initial data for presentation by the end of the year.This would comprise information culled from the network database, the manufacturers themselves, and Finance Division.
3. *COMPUTING MODEL*
R.Brun's Model continued to serve its purpose. It was agreed that dotting the i's and crossing the t's was unnecessary, but that a financial model would be helpful. R.Brun was thanked for his excellent work, and the action was closed.
4. *COMMITMENT TO MPP FROM LHC AND ECP*
It seemed clear that a presentation of MPP to the DRDC would go ahead. The GP–MIMD2 proposal was only a part of the project. The MPP Steering Group were asked to prepare a presentation on progress for the January DPG.
5. *THE RELEVANCE OF AMDAHL'S LAW TO MPP*
The MPP Steering Group were asked to prepare a statement on this.
6. *SHIFT/CORE BUDGET*
This had been done at the C5 Budget Meeting.
7. *PROPOSAL FOR THE EVOLUTION OF SHIFT*
This action (on L.M.Robertson) remained.
8. *64 BIT CERN PROGRAM LIBRARY*
A paper on the work and problems foreseen with converting the Program Library from 32 to 64 bit working was required. R.Brun said that AS Group were asking the manufacturers to provide details of their plans for the AUTODOUBLE feature. M.Marquina was asked to present a strategy paper at the next DPG in December.
9. *NOVELL MANPOWER*
There was a special request for Novell support on CN's 1993 manpower list.

10. *CEART TEAM LEADER*
Action closed.
11. *TURBONET IN BUILDING 31*
F.Fluckiger announced that the work would begin the following week, and would be com– pleted within three weeks.
12. *CHEOPS EXPLOITATION OF UNUSED LEASED LINE TIME*
This was planned for 1993, and had been fully covered in the previous DPG.
13. *USE OF VSAT IN POOR COUNTRIES*
The objectives would be defined by the end of the year, and a study group would report back to the DPG in 1993.
14. *IMPROVE CERNVM AS A DATASERVER*
Work on 3172s, offloading TCP/IP, UltraNet to VM and CLIO, was continuing.
15. *EMPHASIS OF THE VM SERVICE*
This had already been discussed in MEDDLE.
16. *TERMINATION OF AIX/ESA*
It was agreed that it was the wrong time to publish anything in the CNL on this subject for the time being. Work on AIX/ESA had been stopped. This had also been reviewed in MEDDLE.
17. *GROUP SERVICES WORKING GROUP*
D.O.Williams had asked C.M.S.Jones to head the working group. CMSJ had talked to several young people, and most of the Group Leaders. He would report back to the next DPG on progress.
18. *GROUP/PROJECT STRUCTURE*
This topic could not be addressed until the CMSJ Working Group had reported.
19. *LHC COMPUTING*
The Division’s ideas on LHC Computing would be aired at future meetings of the DPG, and at COLLECT.
20. *CN/ECP GROUP LEADER MEETING*
Ongoing.
21. *LHC VERSION OF MEDDLE*
This had been created. It was called COLLECT. It was unclear whether it had a technical arm or not.
22. *USE OF STANDARD PRODUCTS*
W.Hoogland had emphasised the position at COLLECT.
23. *IMPROVE CN/ECP RELATIONS*
Ongoing.
24. *M–CAE POST CONVERSION TO A–CAE*
Completed.
25. *REVISE THE 1/3 2/3 RULE*
Awaiting clarification.
26. *CONVERSION OF THE AIX R&D POST*
The post had been converted to one for Group Services.
27. *WWW MANPOWER*
CN had offered a Research Associate post and a Technical Student to work on this in 1993. ECP had offered a half–time data–aid. It was felt that the management of the project might be improved.
28. *BUYING SUPPORT*
   - J.–C.Juvet said that, following the move of P.Jones to the CO/DEC Section, he would try to accurately estimate the DEC support manpower needs, but he believed it would amount to about one person.
   - A.G.Silverman had asked DEC, HP, Thomainfor and DCS for their estimates of how much contract support would cost. He believed the requirement in his section was for two persons. HP had made an offer.

— A contract for MS–Mail was felt to be inappropriate. In the short term, Annette Knight (a Fellow), would work with Per Hagen on MS–Mail.

It was emphasised that extending existing support contracts was considerably easier than cre–ating new ones.

29. *HEP INPUT TO THE IEEE MASS STORAGE MODEL*
This had been discussed in HEP–CCC.

- *ANY OTHER BUSINESS*

None.

- *NEXT MEETING*

The next meeting will be on December 14th., at 10:00 in Conference Room 1, Building 600.

Table 1: Action Items

This list is intended to show the items which are currently awaiting treatment by the DPG. The Entry date is the date of the meeting at which the action item arose, and the Target date is the date by which the action item should have been dealt with.

Name	Entry Date	Target Date	Task
F.Fluckiger	Nov 1991	1993	Give Computer Colloquium on Multimedia
B.Carpenter	Nov 1992	1993	Session login sources
A.Silverman	Nov 1992	1993	Workstation growth figures
MPP Steering Group	Nov 1992	1993	Make MPP Proposal
MPP Steering Group	Nov 1992	1993	Amdahl's Law relevance
L.M.Robertson	Nov 1992	Dec 1992	SHIFT Evolution Plans
M.Marquina	Nov 1992	Dec 1992	64 bit CERNLIB
J.Altaber	Nov 1992	1993	Use of VSAT for poor countries
C.M.S.Jones	Nov 1992	1993	Plans for Group Services
A.Osborne	Nov 1992	1993	Nominate WWW manager
J.-C.Juvet	Nov 1992	1993	Contract support estimate
D.Jacobs	Nov 1992	1993	MS-Mail support requirements