

RUTHERFORD HIGH ENERGY LABORATORYHelium Bubble Chamber Management Committee

Minutes of the final meeting held at the Rutherford Laboratory on Thursday 27th April, 1967.

Present: Mr. M. Snowden - Chairman
Dr. W. Evans
Mr. A. Miller
Dr. T.G. Pickavance
Dr. D. Roaf
Mr. G.E. Simmonds
Mr. H.R. Tempest
Professor D.H. Wilkinson
Dr. J.M. Valentine
Mr. F.M. Telling - Secretary

Apologies for absence were received from Professor Butler and Mr. Venn.

ACTION1. Minutes of the previous meeting (HeMC/12)

These were accepted without amendment.

2. Matters arising

All matters arising had been dealt with.

3. Progress report

Dr. Roaf introduced the progress report outlined in paper HeMC/P46. The results of the engineering run on 20th-29th March showed that the Helium Bubble Chamber worked satisfactorily in the full magnetic field. A suitable beam was only available for about 14 hours but during that time approximately 14,000 photographs were taken and 144 different combinations of pressure, temperature and timing were recorded. Dr. Roaf reported that the Bubble Chamber could now proceed with the Data-taking run scheduled for next June.

4. Draft report to N.P. Board

Mr. Snowden introduced paper HeMC/P47. This was a note in draft form that it was proposed to submit to the Nuclear Physics Board informing them of the successful completion of the Helium Bubble Chamber project.

The financial position at the completion of the project showed that from a Treasury approval of £497,000 the final costs of the project were estimated to be £457,000.

The estimate included a sum of £16,500 for the re-orientation of the chamber to the horizontal field mode. The Technical Committee had recommended that since the chamber was satisfactory in the vertical mode field the sum allowed for re-orientation would not now be needed. This was accepted.

It was noted that continuing development of the project would be discussed at regular meetings at which representatives from the University would attend.

The Management Committee formally accepted a proposal that the paper be sent to the Nuclear Physics Board informing them that the Helium Bubble Chamber had been successfully completed and that the project was ready for use in the Nimrod experimental programme.

FMT

ACTION

5. Technical Committee

A note had been received from the Secretary of the Technical Committee stating that members of the Committee were unanimous in the opinion that their task had been completed and formally requested the disbanding of the Technical Committee.

This was given. The Secretary was asked to write to Dr. Shaw expressing the sincere appreciation of the Management Committee for the splendid contribution that members of the Technical Committee had made.

FMT

The Management Committee also paid tribute to the work of the late Dr. Weeks. Dr. Roaf was asked to write to Dr. Weeks' Mother on behalf of the Management Committee.

DR

6. Chairman's closing remarks

Mr. Snowden formally wound up the business of the Management Committee and warmly thanked all those whose efforts had contributed towards the success of the project.

F.M. Telling