

SUMMARY RECORD OF THE 28th MEETING OF TICTAC HELD ON THE 22nd AUGUST 1985

Present: G. Carron, V. Chohan, D. Cornuet, D. Dekkers, D.C. Fiander, S. Gustar, H. Horisberger (Chairman), R. Horne, C.D. Johnson, P. Pearce, F. Pedersen, J.P. Quesnel, S. Simpson, A. Sullivan, F. Völker, B. Williams (Secretary)

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1. <u>RECORD OF THE PREVIOUS MEETING</u>	<u>Action</u>
1.1 <u>Correctness</u> No corrections were forthcoming.	
1.2 <u>Matters Arising</u>	
1.2.1. <u>Dog Leg Survey</u> . R. Horne presented a scheme drawn in conjunction with J.P. Quesnel that proposed a sight line triangulating from the hall to a survey bench mark at the target zone entrance shield, and onwards through the shield to sweep the dog-leg elements in the target zone. The scheme did not include some of the recent services planned in this area and so a meeting will be called with all concerned to discuss the compatibility of the various requirements.	B. Williams
1.2.2. PR 5.1. <u>Drawing Office Resources</u> . H. Horisberger reported on recent discussions with the project moderators and P.L. Riboni. It had been recognized that despite some 9-10 ML staff currently engaged on ACOL work, extra draughting effort was still required from external sources. P.L. Riboni will be asked to establish a timetable for the outstanding design tasks.	H. Horisberger
1.2.3. PR 5.3. <u>SEM Grid</u> . D. Fiander explained that it was now proposed to find a suitable position in the injection line for the SEM grid. This would be installed in the Jan/Feb 86 shutdown.	D. Fiander
2. <u>TARGET ZONE STATUS</u> (reported by C.D. Johnson)	
D. Dekkers was asked to prepare the necessary provisional access control to the Target Area via the new gallery as from the end of the January/February shutdown in 1986. (Note added after the meeting: this request has since been withdrawn in the general spirit of not adding to the already overfull work programme for ACOL).	
The sight line requested by J.P. Quesnel for alignment of the Target Area beam elements cannot be granted because of the top shield of the new beam dump (see minutes of TICTAC 8th August 1985). Alternative lines were proposed starting from a point in the SW corner of building 193 and passing to the side of the dump, while enabling a triangulation from two elements of known position in 193. C. Johnson pointed out that the new sight line should also avoid the shielding curtain in its new position. Although this does not allow much freedom, a solution appears possible. It has to be worked out as a part of the general arrangement of shielding and services in this corner of the hall.	
D. Fiander mentioned that the false floor in building 195 would be installed for mid-October 1985 and that it was his intention to have the operational horn/target pulser in this building from February 1986.	

3. PLANNING

3.1 Jan/Feb 1986 Shutdown

A draft schedule had been prepared by B. Williams. The major activities were briefly examined as well as their related time scales. It was already apparent from this bar chart that the work load was such that week 9 (24-28 Feb 1986) would be required to finalize much of the planned programme.

3.2 ACOL Construction Planning

It was agreed by the few TICTAC members present that, as the majority of people responsible for the activities on this planning were not in the meeting, no useful purpose could be served by discussing the construction planning. The information thereon would be considered at the next TICTAC.

4. POSITION OF REBUNCHING CAVITY

4.1 Re-appraisal of this cavity's servicing requirements had led to it being turned through 180° so that its upstream vacuum flange face is now positioned at 900 mm from the centre line of the QFN 2601 yoke. TICTAC accepted this change which will therefore supersede the decision taken at TICTAC n° 15 of 17 January 1985.

5. MISCELLANEOUS

5.1 Space for Mock-Up

B. Williams noted that PS/PO had fabricated two prototype modules of the AC passerelle. PS/PO had requested by memo sufficient space to install them in a correct position w.r.t. an ACOL magnet. This would greatly help determine cable connections to the magnets as well as water connections, and access to adjustment devices, etc. Some 10 m<sup>2</sup> had been foreseen in Bât 167 but this had proved difficult to obtain. TICTAC was therefore requested to find the necessary space. D. Cornuet offered to discuss the problem with PSR Group. If necessary such a mock-up could be dismantled by Christmas 1985.

D. Cornuet

5.2 RF HT Supply Cage

It had been seen that details of this cage were in need of definition and that a spokesman for this activity should be appointed.

G. Nassibian

5.3 Machine Lattice

J.P. Quesnel asked whether the intermediate elements in the lattice (between magnets) were positioned by co-ordinates? It was felt that this question should be put to B. Autin and to F. Malthouse who has prepared sketches of the straight section occupancy.

B. Autin  
F. Malthouse

H. Horisberger also noted that the steps over the AC should be borne in mind by the survey group. The crossing points over ACOL would be in AC sections 10, 19, 38, 47. He proposes to call a special meeting to discuss straight sections as soon as F. Malthouse is back from holidays.

J. P. Quesnel

6. NEXT MEETING

The next meeting of TICTAC will be held at 14.00 h on Thursday 12 September 1985 in the Large PS Conference Room.

B. Williams