

East Area Installation Meeting No. 37

14.3.1962.

Present : H. Bakker - O. Bayard - G. Brianti - A. Burger - A. Diddens -  
Ch. Mutschler - K.H. Reich - J. Robert - J. Rouel.

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1. The minutes of the 36th meeting were approved with the following remarks :

Point 2a : Of the 21 MW A.C. Power supplied to CERN, only 14 MW are at present available for the PS Area on account of the limitations imposed by the internal distribution system (SC consumption 4 MW max.). This is probably not enough for supplying the large chamber magnets in EBCB while the South Area is in full exploitation. Unless some internal rearrangements are made, this situation will last until 1963 when the new CERN substation should come into use.

Point 2c :: The heating by blowing hot air from the top is restricted to the area close to the wall, the rest being hot water radiation heating.

Point 4a : The summer shutdown is now fixed for the 28th August - 23rd October 1962.

2. Status of installation.

- a) The access to Junction and EGB are finished, work in the Junction proceeds regularly. The ventilation is ordered. A battery powered lamp will be installed at the entrance.

- b) The design of the steel structure for the East Hall is almost foreseen. The position of the galleries and staircases etc., will be discussed here soon. The hole for access to tunnel C is now fixed to be 0,70 x 1 m. with the pipes coming out close to the north wall of the Hall.

- c) The fine control of the cranes in EBCB should work in 3 months' time.
- d) The H<sub>2</sub> proofing of the crane in ECB is being studied.
- e) Cable trays are installed in all tunnels except at the entrance to the Apron and the entrance to the EBCB from tunnel H. The phone at the junction of tunnels A and C will be installed on a vertical pole.
- f) The EGB is not yet completely rainproof.

3. Safety fences.

This point will be discussed at a subsequent meeting when the relevant plans are on hand.

4. Other business.

- a) For the new emergency power supply it is now proposed to couple an electric generator and motor to the existing diesel and to keep this running only on demand all the time, e.g. when the compressor building or the bubble chamber building is "operative". This would give instantaneous power from the special emergency supply, the diesel taking over immediately when the motor fails due to main failure. Also, the existing emergency supply would be back 10 ms faster. This proposal is being studied further.
- b) Concerning the Oerlikon Generators in EGB, it is now agreed to install the new regulation from the start. This should enable serious magnet tests to be made from end of July onwards.
- c) The entrance to the Junction should be towards the west (and not to the south). This point will be studied again by SB.
- d) Next meeting : March 28th, 1962.

K.H. Reich.

Distribution : (open)

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