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#### A FURTHER DISCUSSION OF UP'S PROPOSED YERMO YARD

Since Informal Note 46 was written, personnel and UP have developed an unusual and innovative design. This design was briefly mentioned in Informal Note 46 as design Yermo No. 8A. However, in further discussions with UP more details have come to light.

This design has 39 tracks in three groups (Figure 1). The center group is very unusual in that it has 19 tracks. The two outer groups have 10 tracks each. Another innovative feature of this design is the elimination of the master retarder, all control being concentrated in the group retarders.

UP has tested this design extensively with PROFILE, and it appears to perform satisfactorily. Additionally, UP personnel have visited WABCO; the design was tested extensively on WABCO's programs, with a similar conclusion. Although the design is unusual UP and WABCO are pursuing it further as of this writing.

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\*This is a working document written primarily for communicating preliminary results of research. It does not constitute an official report and it may be revised as further research results are obtained.

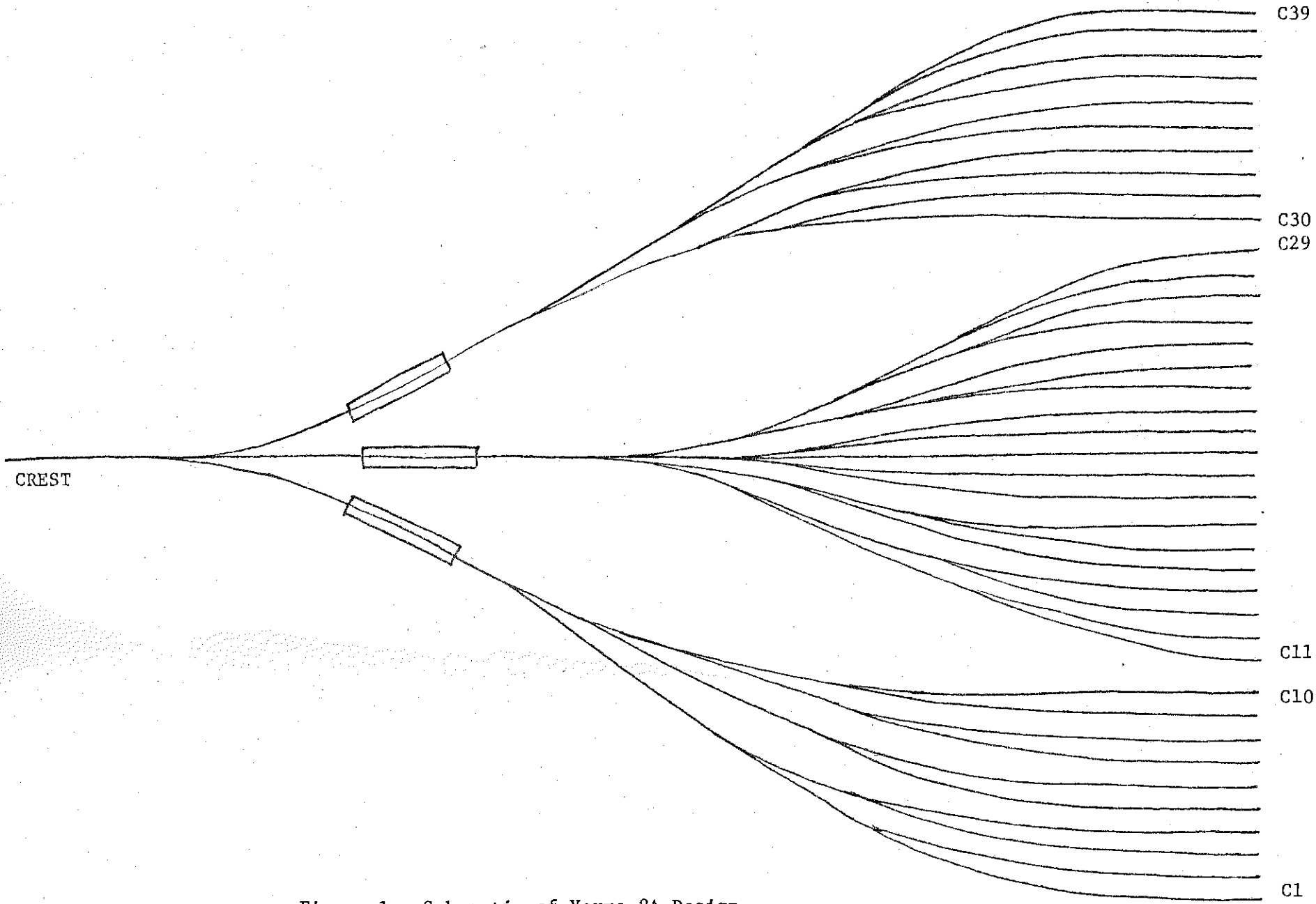


Figure 1 - Schematic of Yermo 8A Design