

2314 dec

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J. W. Gintell2/27
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1/70Specification Information

2 Controllers

Datametrics

ASD

Specification essentially identical

Chief difference:

Datametrics controller is microprogrammed, control memory must be reloaded and might be a cause of problems

Both controllers interface with any known 2314.

Both controllers have second channel option which will allow simultaneity on separate spindles on a 2314 with a 2844.

The real 170 controller will be compatible with these controllers - on the other hand, it has not yet been specified.

Miscellaneous Facts

A 1-channel Datametrics controller is available in March 1970 and a "hold" has been placed on it.

A 1-channel ASD controller is available 7 months ARO

2-channel controllers of either nature are available approximately 8 months ARO.

These controllers are to be purchased - the approximate price for a single channel controller is 40K.

Dartmouth is getting a Datametrics controller in December 1969 and hence Field Engineering experience will be in the region.

The Datametrics controller on "hold" will have been used for a few months and known to work on a 635/100.

T and D software will be made by modifying the 635 T and D software.

Miscellaneous Facts (Cont)

In order to use either controller an end data transfer (EDT) feature is needed (operates as with a GE 400). This feature will have been checked out on the Datametrics controller and has not yet been used on an ASD controller. It will be available.

Information from Account Representative

Information to be obtained from Henry Nye re. weight, cable length info., electrical requirements, firm delivery dates, prices.

Recommendation

Determine capacity requirements -

If we need the capacity before September (1 month to order, 7 months to wait, 2 months to checkout) we must choose the Datametrics.

Is the cost performance situation worth it (the 2844 is expensive) for the 2-channel controller.