

# NASA TECH BRIEF

## Marshall Space Flight Center



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### Manpower Management Information System (MIS)

#### The problem:

To devise a means of providing all levels of management with regular manpower evaluation reports and a data source for special management exercises on manpower.

#### The solution:

A system of programs that provides the capability of building and maintaining a data bank which integrates all parameters of manpower administration.

#### How it's done:

The system is designed to provide management and division directorate levels with detailed information at the program/system level.

In addition to processing planning data, the system satisfies the following criteria:

- (1) Dynamic analysis: Emphasize an integrated management intelligence system.
- (2) Control reports: Inform top management of functional operating performance as compared to predetermined plans.
- (3) Operating reports: Inform functional management of current performance of operations. These reports are a comparative analysis of current operations and operations of previous periods, as well as current performance compared to predetermined plans for the immediate period.
- (4) Planning reports: Show the various aspects of the limited manpower resource structure and provide a basis for alternate courses of management action.

- (5) Exception reporting: Guide management in isolating problems or out-of-line areas. Excessive variances on monthly variance reports are flagged with an asterisk and then used in the computer logic to generate selected charts for the specific division or office when the number of flagged variances is excessive. Exception reporting improves the information content and applicability of report data.

#### Notes:

1. This program is written in COBOL for use on the UNIVAC-1108 EXEC VIII and on the SC 4020 plotter.
2. Requests for further information may be directed to:

COSMIC  
112 Barrow Hall  
University of Georgia  
Athens, Georgia 30601  
Reference: B71-10431

#### Patent status:

No patent action is contemplated by NASA.

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