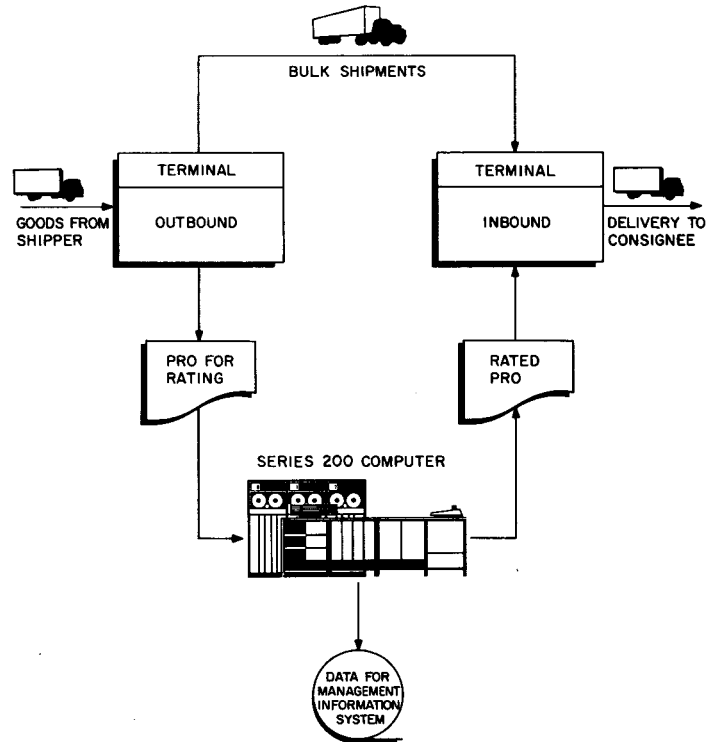


SERIES 200



AUTOMATIC RATING SYSTEM FOR MOTOR FREIGHT CARRIERS AND SHIPPERS

Honeywell has developed a Series 200 Automatic Rating System (ARS) for motor freight companies and shippers. The system is automatic, requiring only the coding of the shipped item by a clerk before computer processing. All the other input information is entered in the computer exactly as it appears on the PRO. ARS takes into account all the complexities of the rating process (which stem from the great variety of routes and types of shipments, the strict regulations of the Interstate Commerce Commission, and the state governments) in applying the proper freight rate, pertinent accessorial charges, and computing the division of revenue on shipments.

The core of the system is the coded national and regional motor freight tariffs and the five master files created from this data:

- Commodity code
- City code
- Rate scale
- Rates
- Commodity-Exception.

When a bill of lading is received, the clerk has only the item descriptions to code; all the other pertinent information is put on the PRO and into the computer unchanged. All other processing and lookup functions are internal to the computer. All PRO's containing more than one item are aggregated.

The Automatic Rating System also includes facilities for maintaining and updating tariffs as they are approved by the state governments and the ICC.

ARS IS A BUILDING BLOCK

The system is designed as one step in the development of a management information system for motor freight carriers. It is both flexible and modular to fit and integrate into systems of various types and sizes.

EQUIPMENT CONFIGURATION

The Automatic Rating System may be implemented on a Series 200 computer configuration which includes tape drives, a random access drum, a printer, and a card reader/punch. Drum and core memory requirements will vary from 16,384 to 32,768 characters depending upon the nature of a carrier's business, i.e., the number of terminals, the distance between them, the number of tariff bureaus served, the daily volume of PRO's to be rated, etc.

BENEFITS OF ARS

Rating automatically by ARS effects considerable savings in time and money. The increased accuracy of the computerized method of rating reduces the loss of revenue caused by undercharges and helps avoid the error-correction expenses and customer ill will attributable to overcharges.