

RCA Data Link System for AF Part of Experimental SAC Plan

BURLINGTON, Mass. — A communications system to link ground-based and airborne computers that control the nation's nuclear retaliatory forces will be developed for the U.S. Air Force by RCA.

The system will permit new data entered into computers at Air Force Strategic Air Command headquarters to be relayed directly and automatically to

an RCA-developed experimental computer system that flies aboard one of SAC's Looking Glass aircraft. Looking Glass aircraft are kept aloft around-the-clock to assume control of the nation's strategic missiles and bombers should ground control centers be destroyed.

RCA developed and installed the experimental computer system, known as the Post Attack Command Control System — Airborne Data Automation (PACCS-ADA), aboard one of the Looking Glass aircraft last year. It is designed to assess the feasibility of providing computerized information management capabilities for airborne commanders.

Under the new \$575,000 contract, RCA will develop an operationally secure data link between the aircraft and the ground, and will install and integrate the system aboard the PACCS-ADA aircraft, according to John R. McAllister, division vice-president and general manager of RCA's Aerospace Systems Division.

The data link will permit extensive tests and evaluation of air-ground communication between the computers under operational conditions, he said.

The PACCS-ADA aircraft for which the data link is being developed is the test bed for a larger, fully automated fleet of Advanced Airborne Command Posts. Data compiled and evaluated from flight tests of the PACCS-ADA aircraft will be used as a guide for system performance and specifications.

The PACCS-ADA system was developed by RCA Aerospace Systems under a \$5.5 million contract from the Air Force Systems Command, Electronic Systems Division, Hanscom Field, Mass.

Honeywell Combines Peripheral Operations At Three Locations

MINNEAPOLIS — Honeywell Inc. has consolidated the peripheral devices operations of its information systems business and named Bruce Dobberten vice-president in charge of operations in Oklahoma City, and Billerica, and Lawrence, Mass.

The close similarity of work in the Oklahoma City, Billerica and Lawrence operations makes this move a natural consolidation of efforts, according to Honeywell.

The company also announced that Anthony D'Amelio will become director of operations at Billerica and Lawrence, reporting directly to Dobberten. Dobberten succeeds Frank E. Lenherr, who has been on a leave of absence from GE.

The consolidated operations develop and manufacture mass storage and peripheral products, including disk drives, magnetic tape drives, card readers, card punches, paper tape readers, line printers and CRT terminals.

Contracts

The Electronic Systems Division of The Bunker-Ramo Corp., Westlake Village, Calif., has been awarded a contract by the U.S. Air Force Avionics Laboratory to develop a small general-purpose computer for aerospace applications.

Wyle Computer Products, Inc., El Segundo, Calif., has received a contract, valued at more than \$2 million, from Computer Sciences Corp. for data terminals for the New York City Off-Track Betting System.

Management Systems Corp., subsidiary of American Biomedical Corp. of Dallas, has contracted to provide all data services, at a cost of over \$1 million, for the Oak Cliff Savings & Loan Association.

Tracor Data Systems, Austin, Texas, has awarded a \$4.8 million contract to Tempo Computers Inc., Fullerton, Calif., for 100 Tempo I computer systems.

Peripheral Dynamics, Inc., Norristown, Pa., has received a \$66,000 contract from Systems Engineering Laboratories, Inc., Fort Lauderdale, Fla., for C301 automatic card readers.

The Federal Aviation Administration has awarded a \$1.5 million contract to the Raytheon Co., Sudbury, Mass., for the establishment and operation of a testbed facility for display systems for the nation's automated air traffic control network.

The Department of Transportation has awarded a \$71,200 contract to the Metropolitan Council of Twin Cities Area in Minneapolis-St. Paul for the demonstration of a program to improve urban transportation planning.

Di/An Controls, Inc., Boston, has received a \$2.6 million contract from Computer Sciences Corp. to provide 1,000 ticketing terminals as part of the New York City Off-Track Betting System.

The Buffalo Police Department has signed a contract with Computer Task Group, Inc., Williamsville, N.Y., to develop an automated data storage and retrieval system.

Control Data Corp.'s Professional Services Division has been awarded a contract by the National Cooperative Highway Research Program to study the use of interactive computer-graphics in the design of U.S. highways.

Computer Sciences Corp. of Los Angeles has received a \$5 million two-year contract from Nasa to provide programming and computer support services for the manned space flight network central computing system at Goddard Space Flight Center, Greenbelt, Md. In addition, CSC has received a \$6.5 million contract from the U.S. Navy Purchasing Office for the development of an acoustic intelligence data system for the Naval Scientific and Intelligence Center at Suitland, Md.

Analysts International Corp. of Minneapolis has received a \$90,000 contract from The St. Paul Companies to develop a data processing software system for payroll, personnel, and statistical applications.

Planning Research Corp. of Los Angeles has been awarded a \$135,000 contract to develop a master plan for a statewide automated management information system in Michigan, under the direction of the Management Sciences Group in the state's executive office.

Credit Systems, Inc., Colmar, Pa., has received a contract from Woolco Department Stores to install and maintain a credit authorization system, using CSI-Model 360 point-of-sale terminals.

Incoterm, Marlboro, Mass., has received a contract from British Overseas Airways Corp. for display terminals to be introduced into Boac's reservations system.

Standard's Mini-Mass

'Mini-Mass' Core Memory System Designed for Minicomputer Use

SHERMAN OAKS, Calif. — Standard Memories, Inc., a subsidiary of Applied Magnetics Corp., has announced a new 750 nsec core memory system, expandable to a capacity of 1,152K bits, that will sell for only 2.4 cent/bit in its maximum module configuration.

Called the Mini-Mass, the memory is said to be ideal for such applications as memory extension for mainframe minicomputer manufacturers and other bulk storage media.

The Mini-Mass is offered in the basic 16K by 18 or 8K by 36 configurations

New OEM Products

and is field expandable to its maximum module capacity in increments of 4K.

The Mini-Mass sells for \$28,755 per single unit in its full 1,152K bit capacity or at 2.4 cent/bit. Quantity discounts and delivery schedules are available on request.

The firm is at 15130 Ventura Blvd.

OEM Modem Bell-Compatible

BOONTON, N.J. — RFL Industries, Inc. has introduced an originate only, 103-type modem for OEM applications.

This all solid-state modem, designated Model 5105, is compatible with Bell 103A2, 103E, and 103F models. The 5105 is capable of operating full-duplex at 300 bit/sec, is strappable for half-duplex and will interface to Bell couplers.

Digital interface for EIA, CCITT, TTL, DTL, and Teletype is provided and control functions including signal common, transmitted data, received data, and request to send is standard; data carrier detect is optional.

Prices start at \$95.

TI Tape Transport Features Vacuum Column Buffering

HOUSTON — A tape transport with single capstan drive, precision tape guides, tape oxide contact only at the head, and vacuum column buffering is now available from Texas Instruments' Digital Systems Division.

Designed for standard 19-in. rack-mounts, the 979 is 24.5 in. high and 12 in. deep. It accommodates standard 10.5-in. reels and has swing out sub-assemblies and plug-in circuit boards.

Any single speed from 15 in./sec to 45 in./sec is available with 7- or 9-tracks, at 200, 556, 800, or 1,600 bit/in.

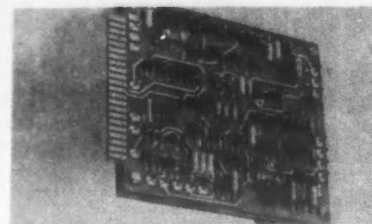
The division can be reached through P.O. Box 66027 here.

Terminal Data Introduces Hardware Titling Release

VAN NUYS, Calif. — An Automatic Microfiche Tilting System for the DMF-2 Computer-Output-Microfilm Camera has been introduced by Terminal Data Corporation.

The new system, Hardware Titling, produces two rows of characters across the top one-half inch of a 6-in. by 4-in. or tab-card size microfiche. Up to 42 characters can be printed in each of the two rows with a character height of 14 in.

The standard Hardware Titling system operates under direct program control and accepts Ascii code to produce all of



RFL 5105 Modem

the code's 64 characters. The write time per character is 50 msec. A second version which accepts Ebcidic code directly is currently under development.

Prices are negotiated by the firm at 16130 Stagg Road.

Amphenol Develops Reed Keyboard Switch Family

BROADVIEW, Ill. — A new family of sealed reed keyboard switches has been developed by Amphenol Switch Division of The Bunker-Ramo Corp.

Amphenol's 601 Series reed keyboard switches have been designed to permit individual adjustment to specified operating point before leaving the factory.

Each reed switch is factory checked for continuity and resistance after an aging or "burn-in" period.

Electrical characteristics include the following ratings: 0.200 maximum initial contact resistance, 125 Vdc (resistive) maximum contact voltage, 500 mA dc (resistive) maximum contact current, 10W (resistive) maximum contact power handling capacity, 300 V ac voltage breakdown characteristics at 60 Hz. All contacts are single-pole, normally open (SPNO).

The firm is at 2855 South 25th Ave.

Peripheral Equipment Announces Encoded Data Format

CHATSWORTH, Calif. — Peripheral Equipment Corp. has announced that its 7000-Series of magnetic tape transports has been expanded to include several new 1,600 char/in. phase-encoded models. These synchronous transports are available in read-after-write and write/read configurations.

Purchased in quantities of 100, the 1,600 char/in. read-after-write sells for \$3,220, and the 1,600 char/in. write/read for \$2,920.

Company headquarters are at 9600 Irondale Ave.

Westinghouse Adds Satellite Processor To Computer Line

ORLANDO, Fla. — The Westinghouse 2550 satellite processor system is the first new product to be added to the Westinghouse 2500 computer line.

The 2550 is a programmable system designed for remote batch processing, remote job entry, and off-line data processing. It incorporates the Westinghouse 2500 computer with a 4,096 word-memory, a communication control console, data set adapter, 300 card/min reader (600 card/min optional) and 350 line/min printer (600 and 1,200 line/min optional).

Software for the basic Westinghouse 2550 consists of the executive communication system, card reader handler, line printer handler, data set adapter handler and communication formatter. Optional software packages are offered free of charge and include Symbal II, Basic compiler, Fortran IV compiler, report program generator, utilities, and unit diagnostics.

The 2550 sells for \$36,500 for the first unit, with an "OEM discount" thereafter. Westinghouse said the main market for the 2550 would be OEM.