

MISCELLANY

Latest In Mobile MARS Equipment
Shown At Armed Forces Exhibit.....

(UNCLASSIFIED)

The Pentagon Military Affiliate Radio System (MARS) boys exhibited the latest in mobile systems as part of the Army Signal Corps exhibit for Armed Forces Day at Bolling Air Force Base. The AN/GRC-38 was displayed to throngs of visitors who were offered message service to members of the Armed Services.

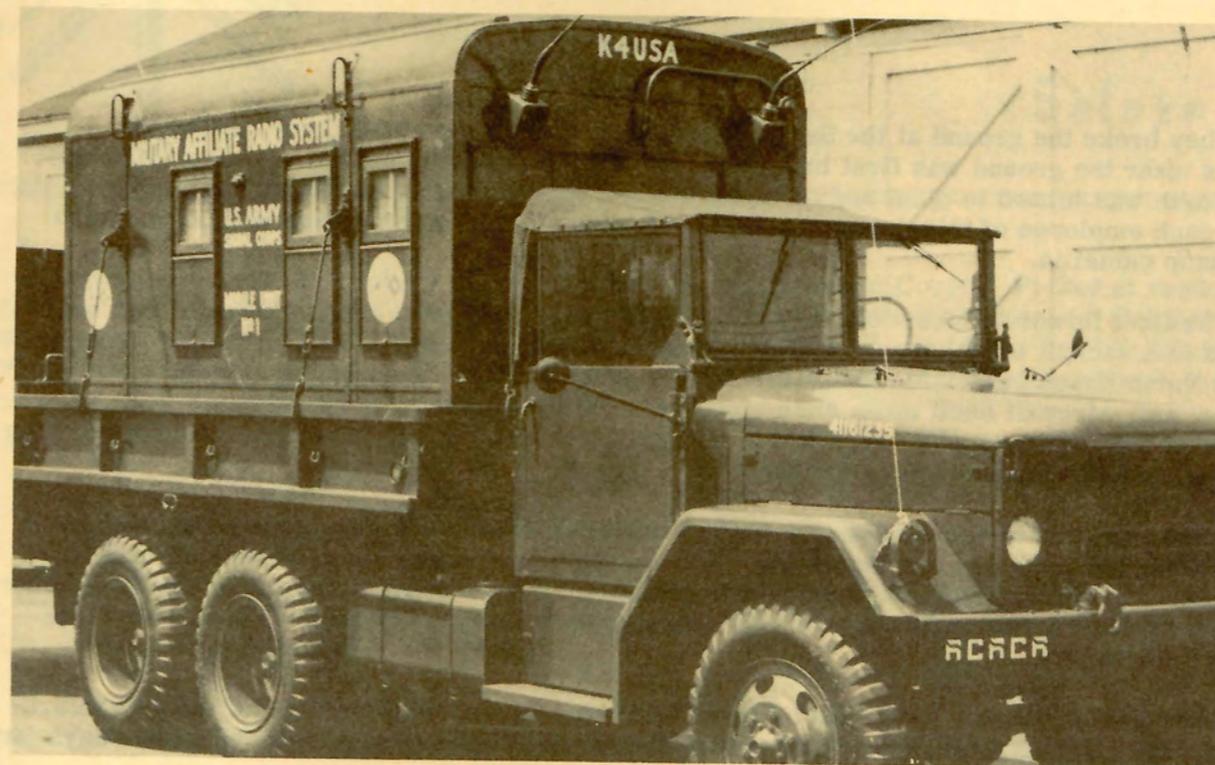
The headquarters station-on-wheels is designated MARS Mobile Unit Number 1 and is the emergency unit for MARS (Army) Headquarters at the Pentagon.

The station consists of a high powered transmitter, a low powered transmitter and two receivers. It is capable of operating over long distances, both by radiotelephone and radiotelegraph. Commercial power may be used but a large generator is carried in a trailer which accompanies the unit for self supply when required.

Adequate space is available for two operators to transmit and receive, working simultaneously and independent of each other. A total of four persons can be carried with the unit which can be operated while in motion if necessary.

The MARS (Army) program is presently engaged in teaching military radio procedure to its member stations. Membership includes both military and civilian amateur radio operators licensed by the Federal Communications Commission who volunteer their services and equipment for this technical training program. The know-how of the Signal Corps is being shared with technical and communication minded radio amateurs to help build a reservoir of skilled manpower in the event of local disaster or possible national emergency.

MARS works with, but does not conflict with nor supplant, the Federal Civil Defense Administration and the Radio Amateur Civil Emergency Service (RACES).



U. S. ARMY PHOTO

MEN FROM MARS think their new AN/GRC-38 is the latest word in mobile communications--and it is. This station on wheels is the emergency unit for the Military Affiliate Radio System (Army) Headquarters at the Pentagon.