

Draft  
6-5 to  
Wallace

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CB-AIDS PROGRAM VOLUNTEERS NEEDED

June 8, 1978

ATLANTA, GA.....Volunteers are needed to participate in a Federal Highway Administration sponsored research project being conducted by the Georgia Tech Engineering Experiment Station.

The project, entitled CB-AIDS, is designed to determine the feasibility of using CB radios for in-vehicle communications with emergency and assistance aid providers through a radio to telephone interconnection. The interconnection is established through the use of a specially designed digital adapter to the CB radio.

The pilot program is being established in the northern part of DeKalb County in conjunction with the DeKalb County Police Department. The area covered by the pilot program is the area within five miles of I-285 between Peachtree Industrial Boulevard and the Stone Mountain Freeway. The requirements of participants are that they live, work or travel frequently in the pilot program area, have a CB radio with a plug-in microphone connector which is compatible with the digital adapter and are interested in taking part in the program.

The basic concept of the system is that a motorist may establish communications from his vehicle to a monitoring position through an automatic radio to telephone connection. In the present design, two push-buttons are placed on the digital adapter to provide the ability of selectively calling either an "emergency" or "assistance" monitor. By pressing the appropriate

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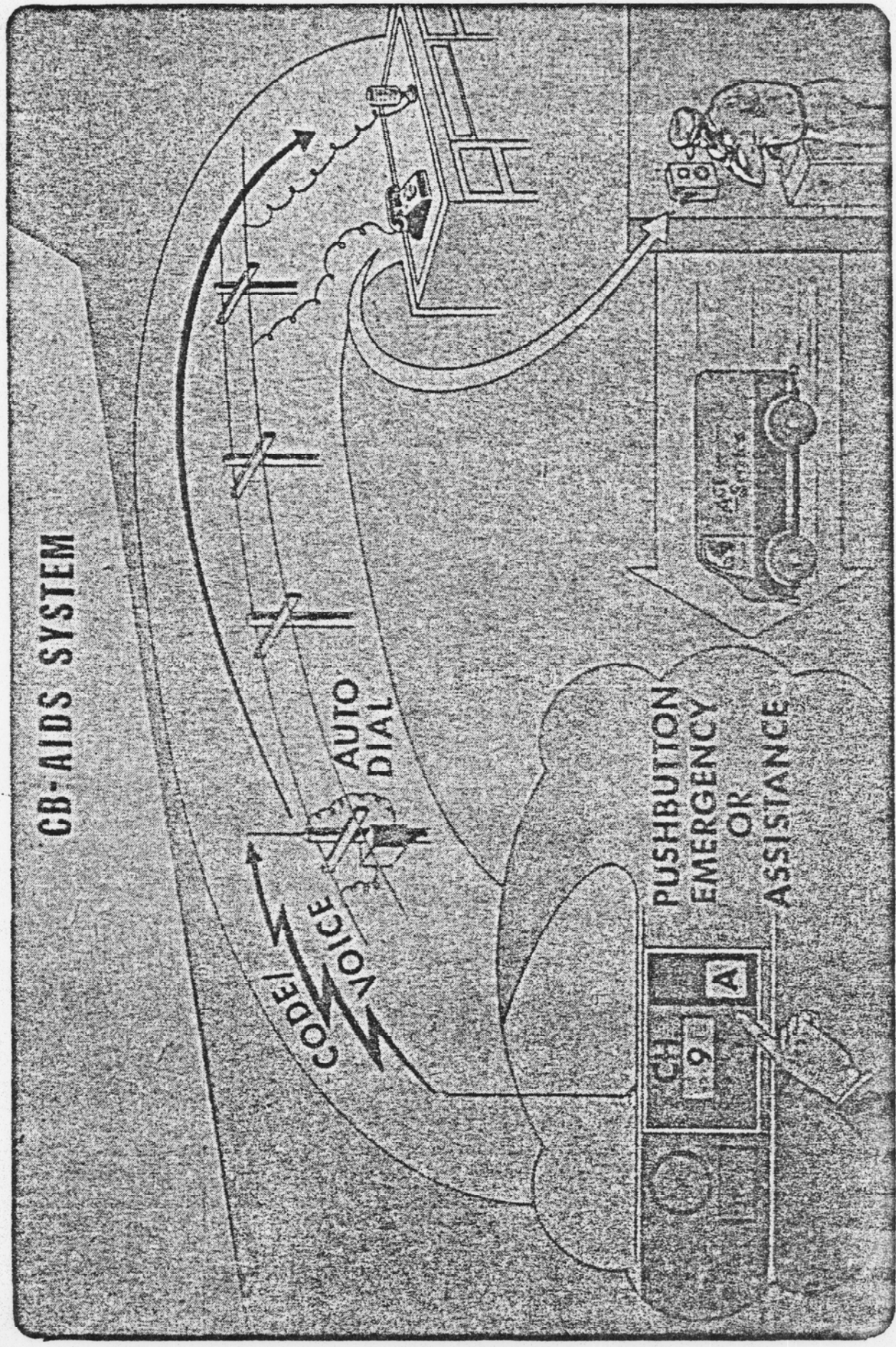
push-button and then keying his microphone, the motorist will transmit a short burst of data which includes his identification number and the call identification. Decoding circuitry located with a CB base station transceiver at an unattended remote station location receives and stores the data word. After verifying the validity of the word, the circuitry then automatically dials the emergency monitoring telephone number or the assistance monitoring telephone number depending on the received data word. The telephone touch tone codes are transmitted to verify to the motorist that the call is being place.

When the call is answered, the monitor communicates directly with the motorist using standard radio procedure. Upon determination of the response required, the monitor insures that the request is processed and places his telephone on-hook which termimates the call. The system automatically resets in order to receive the next call.

The pilot program will be conducted for a period of six months in order to collect sufficient data for evaluation. Following the evaluation, recommendations on future implementation will be made.

Persons interested in volunteering for the Citizens Band Automatic Interconnect Digital System (CB-AIDS) program are asked to contact:  
Ron Wallace, Project Director-CB-AIDS Program, Electronics Research Building  
Georgia Tech EES, Atlanta, Georgia 30332.

# CB-AIDS SYSTEM





The Clarkston Neighbor  
4395 Hugh Howell Road  
Tucker, GA

The Decatur-DeKalb News  
739 DeKalb Industrial Way  
Decatur, GA

Gwinette Daily News  
394 Clayton N.E.  
Lawrenceville, GA

The Chamblee Neighbor  
4395 Hugh Howell Road  
Tucker, GA

The Doraville Neighbor  
4395 Hugh Howell Road  
Tucker, GA

The Stone Mountain Neighbor  
4395 Hugh Howell Road  
Tucker, GA

The Tucker Neighbor  
4395 Hugh Howell Road  
Tucker, GA

Tucker Star  
851 Rockbridge Road  
Lilburn, GA

*Should be able to send a single release to  
all of these.*

*RWW*