

# MOVE Volunteer Newsletter

## Mobile Disaster Relief with MOVE

### Spring 2017

IEEE has a mobile disaster relief program, committed to assisting victims of natural disasters with short-term solutions for communications, computer access, and power. These temporary emergency relief provisions help people stay connected and make sure they can access the help they need. The method of providing these services is through the IEEE-USA sponsored Mobile Outreach Vehicle (MOVE). This vehicle has a large array of technology on-board. Volunteers deploy the vehicle to disaster areas at the request of the American Red Cross Organization.



#### 2016 Deployment & Activities

The MOVE truck is staged in North Carolina where it has been deployed to natural disasters and used by volunteers to conduct community outreach and learning opportunities for students and the general public in the areas of Science, Technology, Engineering and Math (STEM). The MOVE truck has been as far west as Texas, and as far north as New York to "get kids jazzed" about studying STEM. There were more than a dozen K-12, college and other public appearances for the vehicle in 2016, reaching 955 students and educators. The MOVE truck logged 14,000 miles since it went into service in March 2016.



The MOVE truck was deployed for more than 8 weeks in 2016, aiding in 5 disaster situations. MOVE was also used as a command center to prevent loss of life through community smoke alarm installations.

- May: Red Cross Home Fire Campaign in North Carolina
- June-July: Flooding in West Virginia
- August: Flooding in Louisiana
- August: Hurricane Hermine in North Carolina
- September: Red Cross Home Fire Campaign in North Carolina
- October: Hurricane Matthew in Florida and North Carolina
- December: Tennessee Wild Fires

The concept of a mobile disaster relief vehicle was conceived by a group of Region 3 volunteers in late 2013, with the intention that this would be a pilot later duplicated by other Regions around the globe. The project team did not want to duplicate the efforts of other relief organizations, but rather to

fill a niche that was not being served and complement the efforts of these other disaster responders. The vehicle was designed by IEEE volunteers. Its power system is a combination of solar and diesel generator power. Gregg Vaughn led the design effort. The MOVE project is seen as a way to engage and excite volunteers in humanitarian efforts that are close to home.



**MOVE volunteers: Paul Goodson, Mary Ellen Randall, Grayson Randall and Butch Shadwell.**



## MOVE Volunteer and Team Development

Training team members for every deployment of the MOVE truck is essential. Some of this is MOVE-specific training, developed by the MOVE leadership team. Some training is from external sources such as the Red Cross or FEMA. The Volunteer/Team Development Committee (VTDC) helps identify and track the training needs of each individual involved in using the MOVE truck – whether for STEM, public visibility activities, or disaster deployment. The VTDC also encourages Sections or local groups to form MOVE teams which can be prepared in advance for potential disaster deployments and can also then host STEM events.

Please contact [move@ieeeusa.org](mailto:move@ieeeusa.org) for more information if you are interested in creating a local MOVE team.

The MOVE truck contains specialized equipment that requires special procedures to operate properly and safely. The truck itself also requires special procedures to prevent damage and ensure proper utilization. Checklists are available on the truck to aid in proper safe operation.



IEEE volunteer Walter Hyde gathers STEM educators in the MOVE truck in Houston.

General MOVE training has already been held several times, and is a basic pre-requisite for all other training. Additionally, one webinar has been held on using the MOVE truck for STEM events; another webinar is being planned and will be scheduled soon.

For more detailed information on upcoming training events, please contact [move@ieeeusa.org](mailto:move@ieeeusa.org).

### ADDITIONAL TRUCK DRIVERS NEEDED!

Please contact:  
[move@ieeeusa.org](mailto:move@ieeeusa.org)

DONATE NOW!  
[ieeefoundation.org/move](http://ieeefoundation.org/move)



MOVE drivers: Butch Shadwell, Jim Conrad, Grayson Randall, and Ken Pigg.



Model MOVE truck made by Bill Lovegrove to teach students about satellite technology.

[move.ieeeusa.org](http://move.ieeeusa.org)