

PRIORITY TRAFFIC

News from Delaware County ARES - RACES



The W3AEC D-Star repeater at Fair Acres is one step closer to gateway operation with the installation of a microwave link to the EOC. A three man team including Bob Famiglio-K3RF, Joe Ames-W3JY and Bob Wilson-W3BIG installed small 5 Ghz microwave dishes on the ARES tower at the EOC and at the repeater site atop the 14 story Fair Acres building.

The microwave link carries the internet connection from the EOC radio room to the repeater controller to establish W3AEC as a gateway to the worldwide D-Star network. The microwave link was required as there is no internet service available at the repeater site. The Part 97 frequencies used for the link keep all transmissions within the Amateur Radio bands.



W3JY and K3RF assemble one of the microwave dishes.

W3AEC D-Star Repeater

Digital Voice
440.05625

Digital Voice
1255.5500

Digital Data
1299.9000

Fair Acres Bldg.
Lima, PA



K3RF aims microwave dish on ARES tower at repeater link dish on Fair Acres.

Following a brief period of testing and tweaking, the W3AEC D-Star system is scheduled to begin operation as a gateway by the end of year 2013.