

Station One

ARRL Field Day 2016
Loudoun Amateur Radio Group

Safety First

A basketball net is moved out of the way so people don't trip on it. It presented even more risk due to its former placement between the main area and the portable toilets.



Setting Up The Tower



Setting Up The Tower

Making sure the tower trailer is level



Setting Up The Tower

Cinder block can help



Setting Up The Tower

Moving the trailer onto the cinder block



Setting Up The Tower

Close but a bit too far



Setting Up The Tower

After moving forward onto a brick it's a bit better



Setting Up The Tower

Making sure it's level in all directions



Setting Up The Tower

Making sure it stays put



Setting Up The Tower

Captain Safety will make sure you're safe!



Setting Up The Tower

Getting the antenna ready



Setting Up The Tower

Keeping an eye on things



Setting Up The Tower

This coax is soldered to the connector with the coax shielding outside of the connector jacket.



Setting Up The Tower

Attaching a line that'll hold the pulley in place that's used to pull the wire antenna up.



Setting Up The Tower

N4PD uncoils the coax and his helper lays it on the ground in an S shape. This allows the tower to be raised with minimal risk of the coax getting kinked.



Setting Up The Tower

N3EV ponders “What is coax?”



Setting Up The Tower

Attaching the coax to the antenna



Setting Up The Tower

N3EV shows his love of HF



Raising The Tower

Don't let the gnats bite!



Setting Up The Tower

Cranking up the tower the fast way



Setting Up The Tower

Cranking the tower up gangster style



Wire Antenna

Adding a support



Fully Erected

Station One's trailer-based tower is up and ready



Generators & Fuel

The generators and extra fuel for
Stations One and Two



Station One

Almost ready



Before Start Chat



Almost Time

One second until start



It's Time

Station One in action



Antenna Watching

A father shows his son the Station One wire antenna



Taking The Tower Down

W5ODJ's timelapse video of the tower
lowering



Takedown Time

Lowering the tower



Removing The Antenna



Lowering The Tower

The tower is raised to a steeper angle, lowered the rest of the way, and then lowered parallel to the ground.



Ready To Travel



Time To Leave

