

# Station One

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ARRL Field Day 2016  
Loudoun Amateur Radio Group

# Safety First

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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

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# Setting Up The Tower

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Making sure the tower trailer is level



# Setting Up The Tower

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Cinder block can help



# Setting Up The Tower

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Moving the trailer onto the cinder block



# Setting Up The Tower

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Close but a bit too far



# Setting Up The Tower

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



# Setting Up The Tower

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Making sure it's level in all directions



# Setting Up The Tower



Making sure it stays put



# Setting Up The Tower

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Captain Safety will make sure you're safe!



# Setting Up The Tower

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Getting the antenna ready



# Setting Up The Tower

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Keeping an eye on things



# Setting Up The Tower

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



# Setting Up The Tower

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



# Setting Up The Tower

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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

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N3EV ponders “What is coax?”



# Setting Up The Tower

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Attaching the coax to the antenna



# Setting Up The Tower

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N3EV shows his love of HF



# Raising The Tower

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Don't let the gnats bite!



# Setting Up The Tower

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Cranking up the tower the fast way



# Setting Up The Tower

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Cranking the tower up gangster style



# Wire Antenna

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Adding a support



# Fully Erected

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



# Generators & Fuel

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The generators and extra fuel for  
Stations One and Two



# Station One

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Almost ready



# Before Start Chat

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# Almost Time

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One second until start



# It's Time

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Station One in action



# Antenna Watching

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A father shows his son the Station One wire antenna



# Taking The Tower Down

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W5ODJ's timelapse video of the tower  
lowering



# Takedown Time

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Lowering the tower



# Removing The Antenna

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# Lowering The Tower

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



# Ready To Travel

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# Time To Leave

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