

Journeyman Event - **8' Crossarm Changeout on a TS-1**

Event Time: 25 Minutes

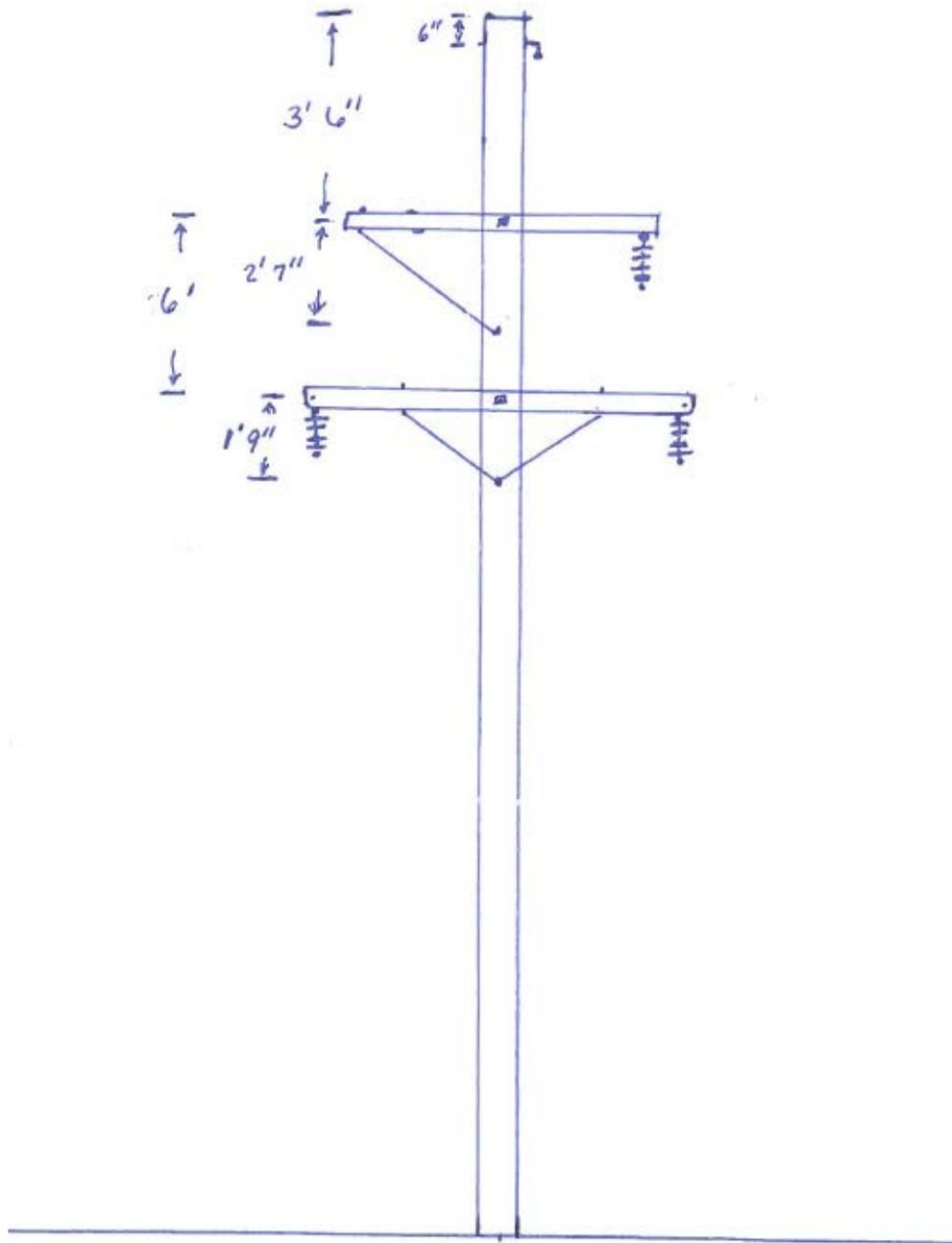
Drop Dead Time: 30 Minutes

This event is a De-Energized 69 KV. Teams will replace 8' crossarm on a TS-1 structure on 50' pole. Teams must test & install single point grounding on structure. Teams will replace 8' crossarm with new crossarm & material.

1. Teams will have 5 minutes to setup ask questions at this time. Crossarm & material for this event will be supplied at each event site. Crossarm & material can be laid out but arm cannot be framed during setup time.
2. Tools and material must remain on tarp at all times.
3. Each team must test & install single point grounding on structure. Grounds & grounding bracket will be supply for this event.
4. Time start at Judges signal. Belts cannot be on pole before Judges signal. (you can adjust belt on pole during setup time).
5. Climbers must wear work gloves while ascending working, & descending pole. Rubber gloves must be worn when testing & installing grounds. Rubber gloves cannot be removed until last ground is installed. You can climb with Rubber gloves if so desired.
6. Materials must be lowered using handline.
7. Conductor must be lowered using blocks (2 shimmed min.) or hoist. Must be attached with sling and not collard rope when lowering conductor. Bells must be lowered to ground & not hanging on phase. Brace does not have to be replaced.
8. Handline cannot be hung on shieldwire for lowering arm or material.
9. Time stops when grounds have been removed and both climbers are on the ground & old arm unframed with material back to original position.
10. Judging will continue until event site is back to original condition.
11. All general rules apply.

50' pole

TS-1 Structures



50' pole Single Point Grounding Diagram

