## **Team Underarm Switch Changeout**

Mean Time = 18 minutes Dead Time = 20 minutes

**Event Description:** This event is designed to allow the teams the opportunity to demonstrate their skills in changing an underarm disconnect switch. The situation will be changing an underarm disconnect on a de-energized structure. This will involve good planning, communication and skill. The event will be done on a 40' class 3 pole with S2.21 framing (2 phase). All poles must be sound checked before climbing and teams will be given up to a 5-minute set-up time to ask questions and get items prepared. Sound check can happen during set-up time.

## **Basic Outline:**

- 1. Time starts when the judges say "GO" "Ready, Set, Go"
- 2. Team will ascend pole
- 3. Teams will test and place grounds on each side of the work area
- 4. Rubber gloves must be worn until the line has been grounded
- 5. Ascend into position to change switch (Only 1 switch will be present on pole)
- 6. Remove jumpers from switch
- 7. Remove switch lowering it to the ground (controlled lower)
- 8. After the switch touches the ground, ground personnel will yell "New Switch" then the switch can be raised back up to be re-installed
- 9. Re-install switch and jumpers
- 10. Descend to height to remove grounds, rubber gloves must be worn to remove grounds
- 11. Railroad handline
- 12. Descend pole
- 13. Time will stop when the last climber touches the ground and all equipment is back on the tarp. (Grounds and Shotguns)

## Possible Deductions (2pts.):

- 1. Dropping hardware or equipment
- 2. Improper installation of grounds or equipment
- 3. Failure to wear rubber gloves when required and or closed glove bag when not in use
- 4. Infractions of any rules listed in the General Rules

## Other Notes I Reminders:

- 1. Participants may use leather gloves for this event after the line is grounded.
- 2. Participants shall furnish their own 8' shotgun sticks (max. 2 allowed).
- 3. Participants shall furnish their own handline.
- 4. Extra rigging equipment (rope/slings,etc.) will be allowed to be used to control and stabilize switch for lowering and raising

