

Stagecoach 100 Mile Run 21-22 September, 2019 - Coconino Amateur Radio Club

Start: 0700 to 0800 Saturday 21 September Hot Shot Ranch, Snowbowl Road

Finish: 1400, Sunday 22 September Imax Theater, Tusayan

Course: Mostly along the Arizona Trail

Runner Tracking: Track every runner in and out of each aid station where there are amateur radio operators. If there is an incident, Net Control will call for “Silence on the Net” until the incident is resolved.

Assignments are at major aid stations and are described in assignments.doc and assignments.pdf. The beginning times listed are the on the air times. The ending times are the cut-off times for each station; expect to stay a little longer for slow or delayed participants.

Driving instructions for each assignment are described in Driving Directions.txt and in the runner manual. Driving Directions.txt includes GPS coordinates for each station.

The 100 mile bicycle race starts afternoon. The Stagecoach event staff will track the bicycle riders, who will be far ahead of the runners.

Communications: A combination of mountaintop repeaters, a cross-band repeater on Cedar

available for communications with aid station personnel.

personnel. 's SAR

Frequencies used: (also see ICS-205):

Williams repeater: 146.780 MHz -.600 offset 91.5 Hz tone

Mount Elden repeater: 146.980 -.600 offset 162.2 Hz tone

Simplex: 146.480 MHz, or other common simplex frequencies

Cross-band repeater: 446.625 MHz (simplex) translates to Williams 146.780 repeater

High frequencies: 3990 KHz +/- other stations LSB at Cedar Ranch and Hull Cabin (daytime)

1970 (1965 alternate) KHz LSB at Hull Cabin (nighttime)

Tactical call signs and station frequencies:

Start 146.980 repeater primary, 146.780 repeater secondary

Kelly Tank 146.780 repeater primary, 146.980 repeater secondary, 146.480 simplex

Cedar Ranch 3990 KHz

Boundary 146.780 repeater

Russell Tank 146.780 repeater

Hull Cabin 446.625 cross-band repeater primary, 3990 or 1970 KHz secondary, cell phone

Watson Tank 446.625 cross-band repeater primary, 146.780 repeater secondary

Finish 446.625 cross-band repeater primary, 146.780 repeater secondary

Net Control 146.780, 146.980, 1970, 3990, InReach Satellite (SAR), Internet, telephones

Cross-band repeater important considerations: The 146.780 Williams repeater must completely stop transmitting before any station using the cross-band repeater can reply. Those using the cross-band repeater must set your radio for simplex operation on a frequency that is usually used for repeaters (turn off the repeater offset).

call. If amateur radio
communications are not working, use cell phones if service is available: Joe: 928-525-9222
Janice: 928-525-5641

Runner bib numbers: (all the same color):

100 mile solo: 1-110

100 mile relays: 200-229

100 mile MTB: 800-850 (Mountain Bicycles)

55k relay: 600-630

55k solo: 400-510