**PECOC Radio Room:**

NCSCOML Gary Keck, KE7DX / Andy Guerrero, KC7ZMX

NCSCOMT Frank Brady, N0KWP / Avery Davis, WB4RTP

NCS1 Walter Brophy, AL7KE

NCS2 Bob O'Connell, KC5DWB

NCS3 Michael Perrett, K7HIL

NCS4 Kirc Breden, N5XJB

NCS Sag Ron Kalish, N7SPW

NCS D-Star David Holman, AC7DS

**PECOC EOC:**

RD (Race Director) Kevin Sherlock

IC (Incident Cmd) Lt. Doug Hanna

LE

FD

MED

EOC Setup Jay Hand, KG7JJH, PCOEM&HS

EOC1(6:30am-11:30a) Lisa Ledbetter, KG7KIE, Paul Ledbetter, KG7KIF

EOC2(11:00a-end) Rick Comins, W1GHF, Les Watson, WD6ERS

# PCWin Operation

* Channel: EOC2
* STEP AWAY FROM THE MIC (Demo audio input)
* When you press the mic
	+ High tone alert means you’re good to speak, you’ve got the channel
	+ Low tone alert means you’ve gotta let go of the mic, listen for others on the channel, then try again

# Radio Operation (including trials on multiple freqs at the same time)

|  |
| --- |
| SECTOR 1 (Primary 448.350 MHz- PL107.2, Secondary 146.88 MHz- PL 110.9) |
| SECTOR 2 (Primary 444.925 MHz+ PL156.7, Secondary 146.94 MHz- PL110.9) |
| SECTOR 3 (Primary 146.62 MHz-PL156.7, Secondary 448.325 MHz-PL156.7) |
| SECTOR 4 (Primary 444.100 MHz+PL156.7, Secondary 146.88 MHz- PL110.9) |
| FUN RIDE (Primary 146.82 MHz-PL110.9, Secondary 146.43 MHz Simplex) |
| EOC to NC PCWin EOC2, webEOC, landline |

* USE HEADPHONES!!! Talk softly close to the mic (except for PCWin as noted elsewhere)
* NOTE FUN RIDE NCS will be handled via the START/FINISH operators

# IC309, IC213, IC214, IC205 forms

* FORMS LOCATION(S)
* If message is just a few words, log communication on IC-309 form
* If message is more than a few words, use an IC-213 form, indicate use on IC-309 form
* IC214 (Activity Log) to be filled out by COML/COMT.
* IC205 is the Communications Plan (by channel, frequency, purpose, etc)

# COMMUNICATIONS INFORMATION, ADVICE & RULES

* Net Control Stations
	+ BRING HEADPHONES and 1/8”/3.5mm adapters! You may also wish to bring snacks, meals, drinks as you see fit depending on the duration of your operation. There is a microwave and a small refrigerator at Net Control. There are larger refrigerators, microwaves, ice machines & coffee pots in the PECOC Break area. There are restrooms at various locations in the facility. If you need directions, please ask!
	+ YOU are in control of the net in your sector. Maintain that control as professionally as possible!
	+ Monitor both PRIMARY and SECONDARY Sector frequencies
		- If either of those frequencies aren’t working out for you &/or others, contact the COML/COMT for possible alternatives
	+ Announce the event (El Tour de Tucson) and your station FREQUENTLY!
		- Callsign: N7OEM
		- Tactical Callsign: Net Control (NC) (Sector #)
	+ Acknowledge and log all Sector Chief and Aid Station checkin/checkout times
	+ Maintain communications with Start/Finish, Sector Chiefs, Aid Stations
		- If you haven’t heard from them in the last half hour, wake them up!
		- If an aid station has communications difficulty, request Sector Chief assistance
		- Sector Chiefs are responsible for the Aid Stations in their Sector. They are mobile and can resolve communications problems at any of their assigned Aid Stations.
	+ Authorize station to station communications when requested and necessary, resume Net Control at the conclusion of the communications.
	+ Solve the problems you can in the Net Control Room (SAGs, etc). Document on IC-309 form.
	+ Relay problems you cannot solve within the NC Room to the NC communicating with the EOC (PCWin, webEOC, Landline). Document on IC-309/IC-213 forms.
	+ Tactfully encourage outside users to find other repeaters/channels/frequencies to conduct their non-event-related operations
	+ Relieve Aid Station operators and Sector Chiefs of duties after SWEEP passes their Stations and/or as incidents occur.
	+ As NC operators, we are UNABLE to authorize anything more than EVENT COMMUNICATIONS. If operators wish to volunteer in other ways (SAGs, medical attention, etc) they may under their own cognizance, but ensure that they know that we CANNOT authorize or sanction other activities.
* EOC Liaisons
	+ Displays in the EOC to include El Tour de Tucson APRS Map, webEOC Significant Events display, webEOC Messages display, Weather Radar display, and any other displays deemed appropriate for this event.
	+ Remember you are working with the Incident Commander (IC), Law Enforcement, Race Director, and Medical personnel (all strangers).
	+ Show them the respect they deserve, and you will get the respect you need.
	+ They may use language or acronyms you don’t understand, request clarification!
	+ You are representing PCOEM.
	+ IC and other EOC personnel may make their own SIGNIFICANT EVENTS and MESSAGES via webEOC if they wish, however, you are here to help!
	+ PCWin radios will be assigned for EOC operators. Reserve the radios for casual communications, utilize webEOC for important/critical communications.
	+ Once known, communicate landline phone numbers to NC as soon as possible.
* Medical Attention:
* DO NOT use names on the air!
* Get Rider #, Sex (M/F), location, nature of injury, and need(s)
* Differentiate between the needs of the PERSON and disposition of BICYCLE/GEAR

# webEOC Operation & protocols

* <https://webeoc.pima.gov/eoc7/>
* Username by ROLE
	+ NC1-4: **ETRADIO**1 through ETRADIO4
	+ EOC Ops: ETOPS
	+ COML/T: OEMCOMM
* Password for ALL: **Pima1234** (case sensitive)
* Position: El Tour radio support
* Incident: 2014 El Tour de Tucson
* Name: enter your **NAME and CALLSIGN**
* Location: **PECOC Radio Room** or **EOC**
* Phone Number: whichever phone is closest to you
	+ NCS1, 4, SAG, PCWIN, D-STAR: 520-724-9398
	+ NCS2-3: 520-724-9399
	+ EOC **TBD ASAP**, NCS will need this/these!
* Boards>Significant Events
	+ Significant Events are READ ONLY for NCS
	+ Significant Events are created ONLY by EOC operators or staff
	+ Significant Events Board will be displayed entire time of event in both EOC and NCS
* Tools>Messages
	+ Used for message traffic to/from NCS stations and EOC
	+ All operators monitor for current messages & respond as appropriate
	+ EOC operators note which SECTOR is sending message by the Username

# APRS Setup

* APRS Map Link: <http://aprs.fi/#!mt=roadmap&z=11&timerange=3600&tail=3600&lat=32.27410&lng=-111.06060&kml=http://af9w.net/ElTour2014v2.kml>
* Use Filter

 

* On the Filter List, all stations should be checked. Select the following buttons and click on the down-arrow next to each. This puts them on the “EXCLUDE” filter.
	+ Station class: AIS ships
	+ Station type: Weather
	+ Digipeaters
	+ Igates
* Filter List should look like the above when complete
* Experiment with “Show last” and “Track tail length” as appropriate to follow the lead/sweep vehicles on the route. Move map around as required.