

Amateur Radio SOP

Event	2014 Hendricks County Park2Park Relay
Date	Saturday, 14-Jun-2014
Amateur Radio Coordinator	Bob Burns W9BU phone: 317-410-7721 email: w9bu@rlburns.net
Event Organizer	Jeff Banning, Hendricks County Parks Foundation
Event Description	Road and cross-country running race approx. 45 miles. Most participants will compete in 4-person teams who will switch runners at defined exchange points. Some participants will be "ultra" runners who will run the whole distance. Web site: www.park2park.org
Event Start	Ultra runners start at 5:30 am Relay runners will start between 6:00 and 9:30am
Event Duration	Approximately 8.5 hours
Amateur Radio Info	Hendricks RACES web site: www.hendricksraces.org/park2park
Frequencies	See ICS205 (attached) for frequencies.
Net Control	Net Operational: 5:30am-2:00pm, staffed in shifts. Net Control Location: Hendricks County Sheriff's Headquarters Net Control will work out of N9FEB's trailer or in the public safety command vehicle. Net Control will coordinate with public safety and event coordinators and exchange information with them as requested.
Technical Info	The repeaters we are using are located in Danville. The 2m and 440 repeaters will be linked and you can use either one. Because of the distance from Danville to the exchange points, you may need a mobile radio to get a good signal into the repeater. Do not plan on being able to communicate effectively with only a handheld radio and rubber duck antenna.
On-air Identification	Tactical callsigns will be used. When calling Net Control, say "Net Control, this is Exchange 3." When calling a station, Net Control will say "Exchange 3, this is Net Control." After completing your traffic, identify with your FCC callsign.
Amateur Radio Positions	<ul style="list-style-type: none"> • Net Control: Net Control will be the focal point for amateur radio communications and will make sure that traffic is being passed to the proper station, to the event organizers, and to public safety. • Lead Tracker: Assigned in shifts. The Lead Tracker will drive their vehicle along the course following the lead runner. Where the race course deviates from vehicular roads, the Lead Tracker will report that the runner has gone onto a trail. Then the Lead Tracker will move forward to the next place on the course comes back onto a vehicular road and wait for the lead runner to appear. This position requires an APRS tracking device • Tail Tracker: Similar to the Lead Tracker, except that you'll follow the last runner. Requires APRS. • Rover: Troubleshooters. Dispatched by Net Control to trouble spots along the route as needed. Rovers will drive to their assigned location and may have to work outside their vehicle to direct traffic. Requires APRS. • Start, Exchange, and Finish: These positions are located at fixed positions. The amateur radio operator at each of these positions will pass traffic to and from Net Control about the conditions at their location. The positions may require that you operate on your feet.

Amateur Radio Duties	<ul style="list-style-type: none"> • Advise of any emergency situations involving runners or their support vehicles. • Advise of any severe weather conditions along the course. • Track any runners (number, gender, initials of their first and last names— DO NOT transmit full names over the air) who are transported to a hospital. Also determine the ambulance number in which they are transported and the hospital to which they are transported. If possible, check with the ambulance crew to get their ambulance number since the designation they use with Dispatch may not be the number painted on the ambulance. • Advise of any problems the runners or their support vehicles are having with negotiating the course. • Make sure course condition flags (Green—course open; Yellow—course open, use caution; Red—course open, use extreme caution, timing has stopped; Black—event over, stop immediately) are displayed at Start, Exchange, and Finish points as requested by Net Control. • Track the passage of the first and last runners at each exchange point. • Coordinate with the exchange captain to determine whether or not all teams have passed the exchange point. • Advise the exchange captain when their exchange is closed by Net Control. • Advise of any logistical issues that develop at the exchange points.
Additional Duties	<ul style="list-style-type: none"> • Know exactly where you are at all times. Maps are available for download from our web site. • Report to Net Control your arrival at your assigned location. • Report to Net Control if you need to leave the net for any reason. • If working an exchange point, report the presence of the exchange volunteer staff.
Volunteer Working Conditions	<ul style="list-style-type: none"> • Each of the exchange points will have portajohns. • The event organizers are not providing any form of refreshments for the participants. The teams are expected to provide their own drinks and food. Therefore, amateur radio volunteers will have to be self-sufficient. Bring a cooler with water and/or sports drinks and snacks to your liking. • If you have a reflective vest, please wear it if your location is located on a public road. • You may be working outside your vehicle in the sun and there may not be any shade at your location. Wear light clothing, a hat, and sunscreen. • Bring a folding chair so you can sit near the exchange point.
Road Closures	None or temporary. Law enforcement will be staffing hazardous locations along the route to help the runners and civilian traffic keep moving.

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name				Date/Time Prepared			Operational Period Date/Time	
			2014 Hendricks County Park2Park Relay				10-Mar-14			14-Jun-2014 0530-1430	
Ch #	Function	Channel Name/Trunked Radio	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Repeater	HCRACES V1	Primary	147.165	W	n/a	147.765	W	n/a	A	Danville (linked to 442.900 repeater)
2	Repeater	HCRACES U1	Primary	442.900	W	n/a	447.900	W	n/a	A	Danville (linked to 147.165 repeater)
3	Repeater	HCARES 1A	Back-up	145.130	W	n/a	144.530	W	88.5	A	Danville (linked to 444.575 repeater)
4	Repeater	HCARES A	Back-up	444.575	W	n/a	449.575	W	88.5	A	Danville (linked to 145.130 repeater)
5	Repeater	HCARES 1	Back-up	147.015	W	n/a	147.615	W	n/a	A	Belleville
6	Simplex	HCRACES V2	Talk-Around	147.510	W	n/a	147.510	W	n/a	A	
7	Simplex	HCRACES V3	Talk-Around	147.450	W	n/a	147.450	W	n/a	A	
8	Simplex	NONE	Talk-Around	223.500	W	n/a	223.500	W	n/a	A	
9	Simplex	APRS	ALL	144.390	W	n/a	144.390	W	n/a	D	AX.25 PACKET
10	Hoosier SAFE-T	TBD	Law Enforcement	N/A	N/A	N/A	N/A	N/A	N/A	D	
11	Hoosier SAFE-T	TBD	EMS	N/A	N/A	N/A	N/A	N/A	N/A	D	
12											
13											
14											
15											
Prepared By (Communications Unit)			Bob Burns W9BU			Incident Location		Hendricks County, Indiana			

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.