

Public Service Events and Ham Radio

Presented by Vince d'Eon VE6LK/AI7LK

Secretary, Foothills Amateur Radio Society www.fars.ca

Assistant Emergency Coordinator, Foothills ARES

Presented to SASTAR January 11 2021

Who's Vince?

- * Passionate about:
 - * Amateur Radio – interested at age 6, licensed at 39
 - * ICS level 300 certified
 - * Acoustic Guitar since 1969, PADI AOW + EAN
 - * Owned by Shiba Inu
 - * Secretary, Foothills Amateur Radio Society www.fars.ca
 - * Accredited Radio Amateur Examiner in Canada and USA
 - * Public Service – my very first event three months after licensing was a ~~personal train wreck~~ ***tremendously fulfilling learning experience***

You:

- >be me
- >new Ham Radio licensee
- >have time on my hands
- >want more experience
- >now what?



**“The Best Way
To Find Yourself
Is To Lose Yourself
In The Service
Of Others.”**

Mahatma Gandhi

Who needs us?

- * **A wide variety of groups:**
- * MS Society (MS Walk, MS Bike)
- * Hostelling Canada (K-100 relay race, Kananaskis Country)
- * Tour for Kids (Icefields Parkway)
- * Tour de l'Alberta
- * Great Cookie Race
- * Banff-Jasper Relay (Icefields Parkway)
- * Elbow Valley Cycle Club “Golden Triangle” cycle tour
- * Calgary Sports Car Club car rallies
- * Equestrian events – private clubs (Alberta)

What do we do?

- * **We do, well, everything:**
- * Provide radio communications for safety
- * Provide communications for event logistics
- * Keep track of runners / cyclists / rally cars
- * Keep the event organizers apprised of activities
- * Arrange for emergency response
- * Drive a truck with food or luggage
- * Give a broken-down cyclist a lift

- * Summary: Event Communications and Event Logistics

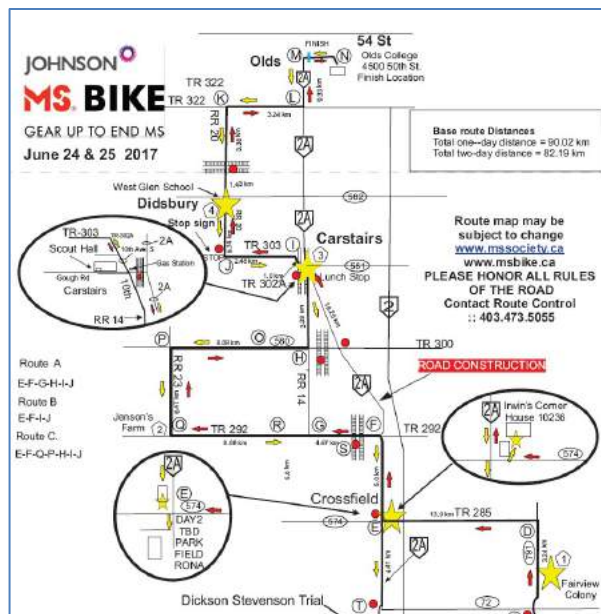
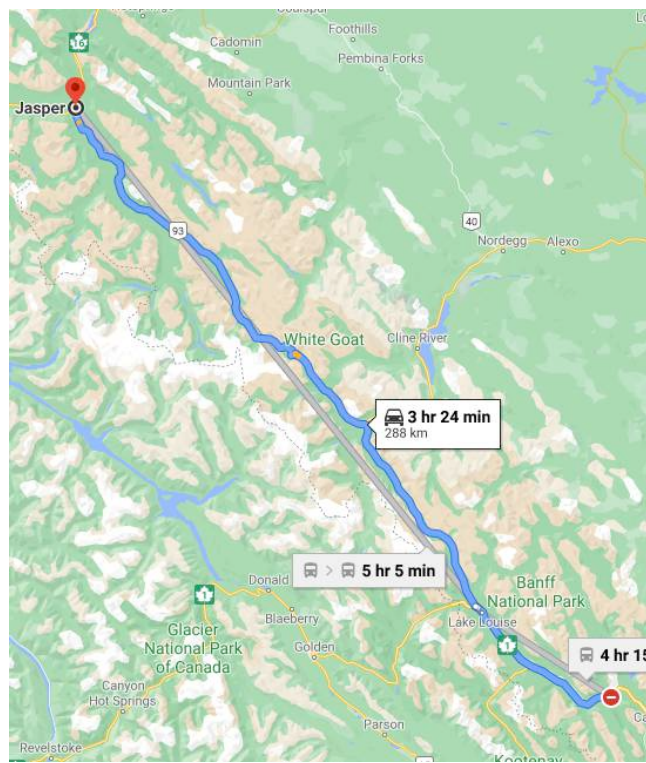
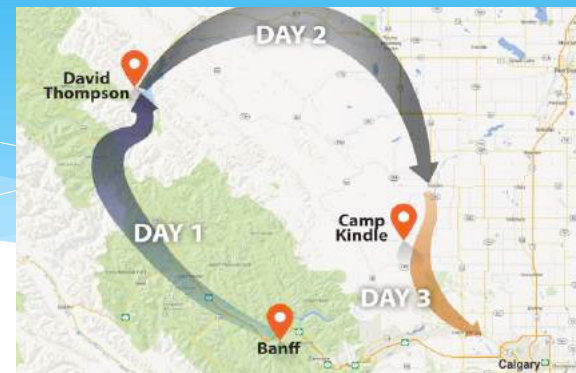
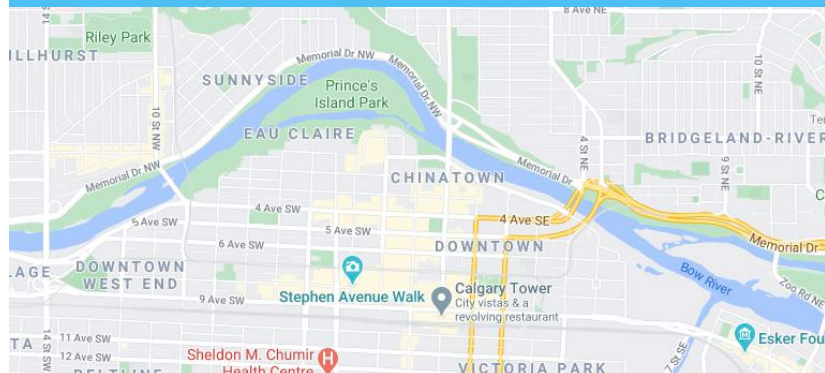


MS Bike

Boston
Marathon



Where?



Why?

- * **Problem statements:**
- * Many events need help with logistics and communications
- * Commercial radio solutions can have \$\$\$ budgetary impact
- * Event staff do not always understand how to use radio gear
- * Many (not all) events are fundraisers of some sort
- * Usually operating in non-urban areas (lack of cell service)

When?

- * **A wide variety of groups need us:**
- * MS Society MS Walk – Mid-June, MS Bike TBD June-July
- * Hostelling Canada K-100 relay race - June
- * Tour for Kids - July
- * Banff-Jasper Relay – Early June
- * Elbow Valley Cycle Club “Golden Triangle” - Late May
- * Calgary Sports Car Club - Stage Rallies – March, May, October
- * Equestrian ride support – June, August

How big are these events?

Event	# participants	# Hams	# other volunteers	Duration
MS Society Walk	500	25	75	6h
MS Society Bike	650	50	150	8h/d for 2 days
K-100 Relay	700	40	120	14h
Tour for Kids	200	20	50	8h/d for 3 days
Banff-Jasper Relay	500	50	75	14h
EVCC Golden Triangle	Up to 400	25	25	12h/d for 3 days
CSCC Stage Rallies	150	40-50	25	10-14h/d for 1-2 days
Equestrian ride support	Up to 50	4-10	10	10h/d for 1-2 days

How we help

- * **Follow established practices:**
- * All positions have usually been done before
- * Listen to direction given by organizers
- * Help them out as required
- * Get yourself to the event and back
- * Food is usually provided for long events, hotel for overnights, sometimes fuel reimbursement, sometimes a t-shirt
- * Bring your own radio gear, be prepared to be outdoors for up to 12 hours and be self-sufficient

What do I need?

- * **Basic equipment list:**

- * PPE – reflective vest, hat, sunscreen, bug spray, appropriate clothing for any weather (welcome to Alberta)
- * Vehicle – almost anything you can sit in for hours at a time. Rarely is this provided unless you are needed in a cube van or 5 ton truck. *Fill up your fuel before you leave home.* Sometimes there are positions for cyclists or motorcyclists.
- * Radio gear for most positions:
 - * HT with spare batteries at a minimum, plus
 - * 25 or 50W VHF radio and 5/8 or better antenna
 - * Cross-band capability an asset in some positions
 - * Bringing along too much radio gear is **never** a problem
 - * Cellphone an asset in some situations

What is Event Net Control?

- * **It's from where the event is managed:**
- * All aspects of the event are managed here like food, accommodations, unforeseen weather handling, STARS, lost children . . .
- * Direction given to radio and event volunteers
- * Wide variety of radio experience is needed for these positions
- * Just as in communications Nets, Net control takes over frequency(ies) for the duration of the event and all comms are filtered through Net Control



Calendar

Big White Rally - Overview

Big White Rally

app.rallysafe.com.au/Event/View/2398

Big White Winter Rally

BIG WHITE RALLY // BIG WHITE // 10 DEC - 11 DEC

14:39:04

TRACKING

MAP

SELECT STAGES

SELECT CARS

SETTINGS

CARS ON STAGE

HAZARDS

TOOLS

TIMES

STAGE TIMES

SPLIT TIMES

START ORDERS

OVERALL TIMES

MANAGE

ENTRY LIST

NOTIFICATIONS

HISTORY BY STAGE

WITHDRAWALS

COMMUNICATIONS

STAGE REPORTS

CURRENT HAZARDS

CAR	STAGE	STATUS	DISTANCE	HAZARD TIME	AUTO SOS TIME	MAN SOS TIME	REPEAT SOS TIME	OK TIME	LAST REPEAT	MAX G	GPS
6	SS9 GEM-FALCON 1	NO HAZARD	12.8 KM	14:34:12					14:34:31	2	
19	SS9 GEM-FALCON 1	NO HAZARD	19.6 KM	14:31:55				14:31:59		2	
10	SS9 GEM-FALCON 1	NO HAZARD	12.8 KM	14:30:37					14:30:24	2	
5	SS9 GEM-FALCON 1	ROLLOVER OK	16.8 KM	14:25:45				14:25:45	14:37:50	4	

FIRST PREVIOUS 1 NEXT LAST

VEHICLE: 5 - STATUS: ROLLOVER OK

LAT: 49.65129LONG: -118.94084

DRIVER: DAVID NICKELNAVIGATOR: CHRIS KREMER

DRV NO: NAV NO:

14:25:45	ROLLOVER HAZARD	GFORCE: 4	DIST: 16.8 KM	BAD GPS: FALSE	SENT BY: 19
14:25:45	ROLLOVER OK	GFORCE: 4	DIST: 16.9 KM	BAD GPS: FALSE	SENT BY: 18

Chrome

File

Edit

View

History

Bookmarks

People

Window

Help

Calendar

Big White Rally - Overview

Big White Rally

app.rallysafe.com.au/Event/View/2398

CARS ON STAGE

CAR	STAGE	START TIME	DISTANCE
29	SS6 BULLET EAST 1	09:22:00	0
30	SS6 BULLET EAST 1	09:21:00	0
11	SS6 BULLET EAST 1	09:20:00	2
32	SS6 BULLET EAST 1	09:18:00	3.5
33	SS5 BLACK FOREST WEST 1	09:01:00	14
16	SS5 BLACK FOREST WEST 1	08:44:00	12
10	SS5 BLACK FOREST WEST 1	08:40:00	6.5
00	SS3 BULLET WEST 2	08:42:30	15.8

SETTINGS

CARS ON STAGE

HAZARDS

TOOLS

TIMES

STAGE TIMES

SPLIT TIMES

START ORDERS

OVERALL TIMES

MANAGE

ENTRY LIST

NOTIFICATIONS

HISTORY BY STAGE

WITHDRAWALS

COMMUNICATIONS

STAGE REPORTS

Big White Rally // BIG WHITE // 10 DEC

11 DEC

09:22:34

SS6 BULLET EAST 1

8	09:02:00	100.00%
15	09:04:00	100.00%
9	09:06:00	100.00%
13	09:07:00	100.00%
20	09:08:00	100.00%
12	09:09:00	100.00%
5	09:10:00	100.00%
17	09:11:00	100.00%
4	09:12:00	100.00%
19	09:14:00	100.00%
21	09:15:00	100.00%
7	09:16:00	100.00%
32	09:18:00	60.87% - 3.5KM
11	09:20:00	34.78% - 2KM
30	09:21:00	0.00% - 0KM
29	09:22:00	0.00% - 0KM

CAR START TIME

PROG



How do I get involved?

- * **Ask around:**
- * CARA Website calendar
- * Email distributions
- * Contact the agencies listed and ask for contact to the event coordinator. Explain you are a new radio operator and want to get involved.
- * Find VE6LK – he knows most of the volunteer coordinators.

Event Websites

- * **Basic listing, subject to change:**
- * CARA Website calendar <https://caraham.org/events>
- * MS Society
<https://mssociety.ca/events?province=all&chapter=calgary-and-area-chapter>
- * Tour for Kids <https://tourforkids.com/alberta/>
- * Banff – Jasper Relay <https://www.banff-jasper-relay.com/>
- * Elbow Valley Cycling Club <https://elbowvalleycc.org/page-18143>
- * Calgary Sports Car Club <https://www.csccl.ab.ca/rally-stage-and-tds/>

Q & A -- Contact

- * Vince d'Eon, VE6LK
- *  ve6lk@rac.ca
- *  www.ve6lk.com
- *  @vincedeon
- *  www.fars.ca
- *  +1(587) 888-4870