

# The 40<sup>th</sup> Thunderbird Rally

February 12-13, 2011



Jeff McMillen and Marvin Crippen, winners of TBird 2010



**Presented by West Coast Rally Association**

The Thunderbird is a winter driving adventure, round 1 of the BC Rally Championship. The rally follows the current BC Rally Regulations, which are posted on <http://www.rallybc.com>. The rally runs on straight-forward instructions. In addition to the route instructions, maps will be provided. The rally will be about 800km long, entirely within the province of BC, and will start with an odometer check section of about 15km. Roads will be about 40% clear pavement, 60% snow-covered pavement and gravel. Instructions are provided in both km and miles, but the official measurements and calculations are based on the km figures.

**Required equipment:** 1 self-supporting, reflective warning triangle (30cm per side), first aid kit (minimum contents defined by the BC rally regulations), 5BC fire extinguisher, open cars require a roll bar. Additional lights on the front should meet legal requirements as to type and mounting height; and must be wired to the high beam lights such that the additional lights turn off when switching to low beam. Fog lights may be wired independently.

**Recommended equipment:** 4 studded snow tires, map light, driving lights, warm clothing, shovel, tow rope, ice scraper. Some helpful hints: Handbrakes can freeze if left on overnight. Roads are often ploughed off their summer routes, so beware of snow-filled ditches. Maximum distance between gas stops is 250km (150mi) but remember that many cars get worse mileage in winter conditions. BC Highway regulations sometimes require vehicles without 4 wheel drive to carry chains. The sweep truck will have 4 wheel drive and a winch, but may not always be able to extract wayward cars from the BC scenery. Drivers are asked always to drive with their headlights on and to be particularly courteous to traffic not connected with the rally.

The rally will be divided into a number of legs, each leg ending with a meal stop or overnight stop. Each leg is divided into Transit stages and Regularity stages. Transit stages give a stage time that is adequate for completing the stage well within speed limits. Your time will not be recorded in these stages. Regularity stages list specific average speeds, which are below the posted speed limits, which you must maintain in each part of the stage. Your timing in these stages determines your score.

Timing controls will be in regularity stages only, at various unannounced locations, and will not be placed near stop signs or busy intersections. Cars may not slow down excessively within sight of a timing control. At the control official's discretion the time may be recorded early when that happens. Procedure when approaching a control is simply to drive straight past without stopping. The control official will record your time. For double checking the results, you may wish to note the time and mileage at each control, but this is not required.

**Winter Timing:** Scoring is one point per second early or late, from a grace period that depends on your time at the immediately previous control, but is always at least one second each way. At the first control in a leg, the grace period is one second each way. At each subsequent control in the leg, the grace period is extended to your time at the immediately previous control. Thus, if you are late  $x$  seconds at one control, the grace period at the next control will be from one second early to  $x$  seconds late, or one second late, whichever is greater. If you are early  $x$  seconds at a control, the grace period at the next control will be from one second late to  $x$  seconds early, or one second early, whichever is greater. In every case, the grace period depends only on the immediately previous control. As long as you are running close to perfect time, this is effectively a perfect time event. If you have a problem, however, and lose some time (e.g. stuck in a snow bank) you don't need to make up all of your time immediately, but you are encouraged to work your way gradually back towards perfect time.

**Scoring example:** If you are 35 seconds late at the first control in a leg, you are assessed 34 points. If you are then 41 seconds late at the next control, you are assessed 6 more points (grace period was to 35 seconds late). If you are then 25 seconds late at the following control, you are not assessed any penalty (grace period was to 41 seconds late). If at the next control you are back to 35 seconds late, you are assessed 10 more points (grace period was to 25 seconds late). If at the last control in the leg you are 18 seconds early, you are assessed a further 17 points, for a total of 68 points for the leg.

Scoring reverts to absolute time at the beginning of each leg. This may require habitually slow competitors to forfeit some of their gas or meal time allowance.

The maximum penalty at a single control is 300 points (5 minutes) and the maximum penalty for a regularity stage is 600 points (10 minutes). Control officials will remain in place at least until all remaining cars are beyond 10 minutes later than absolute rally time. Ties will be broken by the most zero scores, then the most 1 second penalties, etc.

**Exceptions to scoring:** Teams will be given a Time Declaration sheet for each day of the rally. If you are delayed in a regularity stage, (e.g. if you have a flat tire, or stop to help at an accident, or if you are stopped by someone not connected with the rally, or if you get stuck in a snow-bank) do not race to catch up your time. Record the distance where you stopped, and then run the remainder of the regularity delayed by some number of whole minutes plus 30 seconds, up to a maximum of 9m30s. At the end of the day, hand this sheet in when you check in to the main time control in the restaurant, before any results are posted.

Time declarations are granted without penalty, with one exception: if you need extraction assistance, either from another team or from sweep, this will result in a 3 minute (180 point) penalty. You can take a time dec for stuffing it, but it will cost you! All time decs will be posted in the results at the end of each day.

### **Awards and Classes**

Trophies and prize money totaling \$500 will be awarded, for overall position and according to the classes laid out for the BC region rally championship: **Paper:** No calculators, rally tables or accessory odometers. **Calculator:** Accessory odometers, non-programmable calculating devices that are not driven by a wheel. **Unlimited:** Unlimited equipment. **Novice:** neither team member having entered more than 3 TSD rallies prior to the start of the competition year and navigation equipment to conform to calculator class. **Historic:** Vehicles manufactured 25 years prior to December 31st of the year proceeding the current competition year as per the date stated on the vehicle registration. For this year, that means that any vehicle manufactured before December 31st, 1985 will qualify. (The year prior to current is 2010, minus 25 = 1985). Equipment in this class is unlimited.

### **Thunderbird Team Prize**

In the grand tradition of 1960's rallying, Savoia Aero SA (a division of D.E.R. International) sponsored the establishment of an annual Team Trophy for the Thunderbird Rally. A Team is defined as three to six entries, of differing classes (span at least two classes and no more than two in one class) and should include a novice team. All teams with or without a Novice class entry shall be scored by one of the following means: by averaging a Novice score factor (average of all novice scores for the event) or the actual score of their novice team member (which ever method is more beneficial for the team score). Teams may be declared up to the close of registration. There is no additional fee for registering a team. Teams are strongly encouraged to display their team name and/or logo on the team vehicles, using professional-looking and tasteful decals. Each entry on a team will be given a score factor, which is the ratio of their score to the winning score in their class. The winning team will be the one with the lowest average score factor. The designated team captain will be awarded the perpetual trophy and a cash prize of \$100. Team trophy details can be found at <http://www.rallybc.com/archives/SavoniaTeam.htm>

### **Officials of the Event**

Route Master: Paul Westwick	<a href="mailto:paul@rallybc.com">paul@rallybc.com</a>	(604) 617 4132
Co-Organizer: Tony Latham	<a href="mailto:tony@rallybc.com">tony@rallybc.com</a>	
Registrar: Dennis Wende	<a href="mailto:dennis@rallybc.com">dennis@rallybc.com</a>	
Steward: Alex Schubel	<a href="mailto:alex@rallybc.com">alex@rallybc.com</a>	

## Schedule

### Saturday February 5:

Close of early entries. Preliminary start order assigned. Others who pay after this date will be assigned at the back of the field.

### Friday February 11:

- 5:00-7:00pm Optional novice training session at rally HQ (Best Western Nicola Inn) in Merritt. This will be a classroom session, based on the WCRA novice rally course. If you wish to attend, please contact Paul ([paul@rallybc.com](mailto:paul@rallybc.com)) to confirm a spot.
- 7:00-8:30pm Registration & Technical inspection, at rally HQ in Merritt.
- 9:00pm Final start order posted, based on current paid entries. Any entries received after this time, or without payment yet confirmed, will start at the end of the field.
- 9:00pm RPM board meeting, at rally HQ. All are welcome. Discussion will include the year-end financials and the upcoming TSD season.

### Saturday February 12:

- 7:30-9:30am Late Registration & Breakfast, rally HQ, Merritt.
- 7:30-9:30am Technical inspection, rally HQ, Merritt.
- 10:00am Novice drivers' meeting
- 10:30am Drivers' meeting
- 11:01am First car out
- 9:00pm End of day 1, Dinner & Scoring, Kamloops

### Sunday Feb 13:

- 8:00am Drivers' meeting
- 8:30am First car out
- 4:00pm End of day 2, Boston Pizza, Merritt,. Dinner, Scoring & Awards presentation (start making up your stories)

Directions to the rally HQ: The Best Western Nicola Inn is on Walters St, near the north end of Merritt. From the south, take the second Merritt exit, and turn left at the T junction onto Voght. From the north, take the first Merritt exit and proceed south along Voght. Turn right on Walters St, about 800m from the exit, then The Best Western Nicola Inn is on your left.

## Fees and Costs

**Entry Fee:** \$180 (\$180 US) for entries received before midnight February 5, 2011. \$210 (\$210 US) for late entries. Members of BC rally clubs are eligible for a \$10 (\$10 US) discount each (i.e. \$20 off if both are members). Please make cheques payable to West Coast Rally Association.

If you wish to pay by PayPal, please add \$5 and send it to [paul.westwick@telus.net](mailto:paul.westwick@telus.net) with the category service, then email your entry form to [dennis@rallybc.com](mailto:dennis@rallybc.com) Interac or HyperWallet to [dennis@rallybc.com](mailto:dennis@rallybc.com)

Maximum entries accepted: 60. Any entries received above the maximum will be notified by phone and held on a waiting list. If entering late, please confirm by phone. Entry fee cheques may be post dated up to the close of early entries (February 5), or current dated, for the entry to be accepted.

## Accommodation

We have arranged hotel group rates as follows:

### Merritt (Friday Night and/or Sunday Night):

The **Best Western Nicola Inn** (rally HQ): 1-800-663-2830. Double occupancy: \$89.98 (new price) + taxes, just mention the Thunderbird Rally.

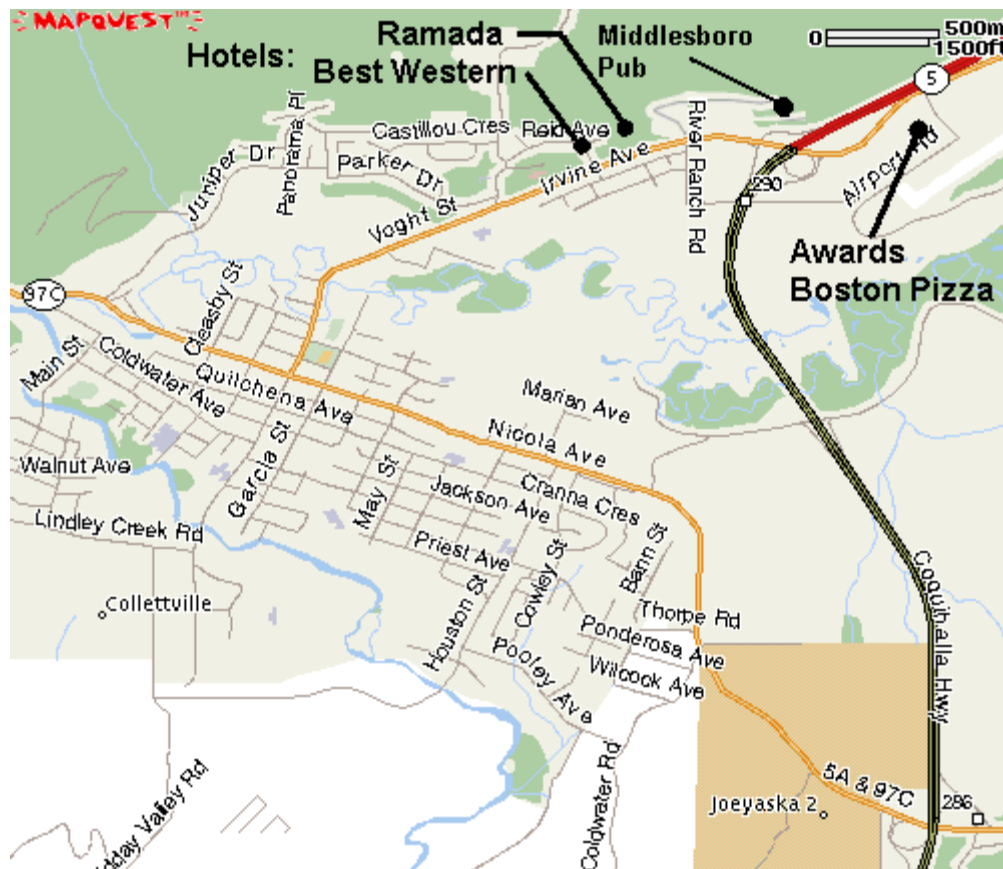
**Ramada Limited:** 1.800.353.3571 Amenities comprise of a **2-story waterslide, indoor pool, fitness room, hot tub, and sauna.** Rooms contain **complimentary in-room coffee, iron and iron boards, hair dryers, alarm clocks,** King or Queen sized beds and full cable with a 24-hour movie channel at no extra expense. **Complimentary use of our extended breakfast bar and high speed internet access** are included in your room rate. If needed, many of our rooms contain full size kitchenettes. Located conveniently right **off Exit 290 of the Coquihalla highway** we are next to a reputable family restaurant along with many fast food establishments and an attractive neighborhood pub.

Here are the rates we are offering attendees of the Thunderbird Rally 2011:

1 Queen Bed - \$65.00      2 Queen Beds - \$70.00      3 Queen Beds - \$90.00      Jacuzzi Suites- \$135.00

### Kamloops (Saturday Night):

Comfort Inn, Kamloops 1-888-556-3111 or 1-250-372-0987. Double occupancy: \$108 + taxes, including breakfast, just mention the Thunderbird Rally.



## Thunderbird Rally Past Winners

1957	No Records	
1958	No Records	
1959	M Proctor / D Halliday	?
1961	B Collins / B Mansfield	VW
1962	D Titmus / J Neilson	VW
1963	T Burgess / W Fane	MGA
1964	B Dunwoodie / J O'Dwyer	VW
1965	B Dunwoodie / J O'Dwyer	VW
1966	B Dunwoodie / J O'Dwyer	VW
1967	B Wilson / A Robitaille	Citroen
1968	tie: S Somerville / R Cook tie: J Bowie / T Burgess	VW Cortina
1969	R von Hertzberg / W Bergelt	VW
1970	B Owen / M Hunter	VW
1971	T Burgess / J Bowie	Datsun
1972	tie: T Heinonen / S Arvonien tie: C Hall / L Richardson	Ford Anglia Saab
1973	L Paivarinta / S Arvonien	Renault Gordini
1987	G Reid / J Reinertson	VW Rabbit GTi
1989	J Kingsley / S Tracey	Plymouth Arrow
1990	D Steel / B McGuffie	Škoda GLS 120
1991	G Reid / J Nispel / S Richards	VW Rabbit GTi
1992	D Steel / B McGuffie	Subaru GL
1993	P Hill / W Peterson	Mazda 323 GTX
1994	S Carlson / R Kraushaar	BMW 325ix
1995	J Fouse / D Wende	Subaru Legacy
1996	G Webb / S Carlson	BMW 325ix
1997	P Linde / S Carlson	Coupe Quattro
1998	P Hill / S Bishop	Talon Tsi
1999	P Hill / S Bishop	Talon Tsi
2000	J Nispel / M Nolte	Toyota Celica AllTrac
2001	G Webb / J Kisela	Subaru Legacy
2002	R Lima / A Dobric	Subaru Legacy
2003	L Sorenson / R Sorenson	Subaru Impreza
2004	G Wallace / G Hightower	Subaru Impreza STi
2005	G Wallace / M Dumaoal	Subaru Impreza STi
2006	P Hill / G Hill	Subaru WRX
2007	S Carlson / R Kraushaar	Saab Sonett
2008	J Webster / B Harer	Subaru STi
2009	S Carlson / R Kraushaar	Saab Sonett
2010	J McMillen / M Crippen	Subaru WRX



Tom Burgess & Bill Fane, winners of TBird 63, pictured in TBird 65



Dave Fairhall, Honda S600, on Mamette Lake Road, TBird 66



Andrew Dobric, post-roll, being chased by Nick Seldon on Robbins Range, TBird 92



Roy Lima & Andrew Dobric  
Winners of TBird 2002