

# JAGUAR CLUBS OF NORTH AMERICA, INC.

## RALLY PROGRAM MANUAL

### **Chapter 5 –Route Instructions for a Time Speed Distance Rally**

#### **5.1. Overall Time, Speed, Distance Rally Requirements**

- 5.1.1. Each rally car containing a driver and navigator team is expected to be on course and on time all the way along the rally route, as measured at checkpoints.
- 5.1.2. A timing point sign or marker is required at all checkpoints. Checkpoints will be identified by a timing point sign or marker as described in the General Instructions provided at registration, and further described as necessary in the Route Instructions. When Checkpoints are operated during the hours of darkness, a flashing light will mark the IN point.
- 5.1.3. Open and passage type, checkpoints, as defined in the Glossary, are permitted for JCNA Rally Championship scoring during JCNA TSD rallies. Passage checkpoints, where entrants are not timed, but given a fixed penalty for non-passage, are also permitted.
- 5.1.4. Ideal times used for passage checkpoints should not be used to restart elapsed timing for the continuing stage, and be available to entrants at the following checkpoint or end of the rally. Presence or absence of passage checkpoints and any non-passage penalties should be described in the General Instructions and discussed at the pre-start meeting.
- 5.1.5. As the Teams car passes the timing marker they will be timed IN as the front wheels cross the In MARKER. Timing will be to the nearest second, or 1/100th minute.

#### **5.2. Specific Requirements for TSD Rally Route Instructions**

- 5.2.1. All instructions must use terminology as defined in the Glossary to this manual. Rally masters are permitted to use terminology of their own for items not defined in the appendix, however, such terms must be defined in the General Instructions before use in the Route Instructions is allowed. No definition of terms is allowed in the Route Instructions.
- 5.2.2. All unique aspects, such as lunch stops during the event, private property entries, etc., of the rally are to be written into the General Instructions, but specific requirements for the route will be covered in the Route Instructions (RI's).
- 5.2.3. RI's contain line-by-line specific instructions that define every change of roadway required to follow the required route.
- 5.2.4. Each step of a set of Route Instructions may or may not be accompanied (on the same line) with mileage information and/or average rate of speed requirements.

## JAGUAR CLUBS OF NORTH AMERICA, INC. RALLY PROGRAM MANUAL

- 5.2.5. The RI's for each stage must be accurate, clearly typed, with mileages and average speeds noted where appropriate. Everything must be perfectly clear and understandable.
- 5.2.6. Official mileages: must be given at least to the 0.1 (1/10<sup>th</sup>) mile, and preferably to the 0.01 (1/100<sup>th</sup>) of a mile.
- 5.2.7. The same sign or landmark should not be used for more than ONE (1) instruction, unless the rally route brings entrants by the same point again. Signs readable only AFTER PASSING cannot be used without notification. All referenced signs or landmarks must be clearly visible and legible at rally speeds.
- 5.2.8. If more than ONE (1) sign is mounted on a support, each sign is considered a separate sign.
- 5.2.9. A STOP sign reference should only refer to a conventional octagonal red sign with white lettering located on the right side of the road which is intended to control traffic upon the road you are traveling.
- 5.2.10. The ideal time to each Checkpoint should be measured from the START of each stage.
- 5.2.11. Where Route Instructions depend upon WORDS OR ILLUSTRATIONS TAKEN FROM SIGNS located along the rally route, the material MUST APPEAR IN CAPITAL LETTERS WITHIN QUOTATION MARKS
- Example: "BAXTER'S FARM"
- or they may be boxed,
- Example: 

<b>BAXTER'S FARM</b>
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- 5.2.12. A Route Instruction must be executed in full before the next numbered instruction can be attempted.
- 5.2.13. Make sure the RI's are proof read more than once before final printing. The rally should also be run more than once in the final draft in order to pick up any misprints or errors prior to printing these documents for the event.
- 5.3. Format for Time Speed Distance Rally Route Instructions - Any format which provides the required information of mileage, directional changes, and average speed requirements is adequate. A tabular presentation of the instructions using a word processing programming is the most commonly found form used.

# JAGUAR CLUBS OF NORTH AMERICA, INC. RALLY PROGRAM MANUAL

5.3.1. Use of 'tulip' style arrow figures (to provide a 'bird's eye overview' of directional changes) required during the rally is preferred, but not required. Tulips can be as simple as a left or right turn arrow, with a dot at the bottom of the tulip representing where the entrant enters the directional change. The single allowed arrow tip denotes where the entrant exits the directional change. Example 2 below shows the tulip for a left turn at a 'T' under the Figure column. These are often hand drawn on a master copy before reproduction for the teams.

5.3.2. As noted in Chapter 3 (TSD Generals), the TSD Route Instructions must provide warning to the Rally Team when a Do It Yourself (DIY) checkpoint is approaching and detailed instructions.

5.3.2.1. The IN Line of a DIY check point May be specified as being after a given instruction, "n miles" from an unmistakable landmark on the route, or some other point easily visible before being passed on the route.

5.3.2.2. Teams are instructed to record their time as they cross the IN Line and to pull off the road and stop prior to reaching the OUT Line.

5.3.2.3. While stopped within the DIY checkpoint, the navigator should record the IN time, calculate the OUT Time (Usually their IN Time plus an interval given in the Route Instructions), record it as the start time of the next leg, and direct the driver to cross the OUT Line at the calculated time.

5.3.2.4. Teams are instructed to drive towards the OUT Line and to continue on the Route at the calculated OUT time.

5.4. Examples -Two examples of typical formats for RI's are shown below

### EXAMPLE 1:

MILEAGE	INSTRUCTION OR DIRECTION	AVERAGE SPEED
00.00	R at Gatehouse	BAS 20.00 mph
00.85	L at "WESTBURY AVE."	CAS 25.00 mph
04.90	AR onto Richmond Rd.	CAS 54.00 mph
10.00	Odometer Check at sign on right	

# JAGUAR CLUBS OF NORTH AMERICA, INC. RALLY PROGRAM MANUAL

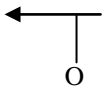
Do Not Stop

10.60

S at TL..  
Road becomes Meisner Ave

CAS 22.00 mph

## EXAMPLE 2:

RI No.	Overall Time	Partial Time	Mileage	Figure	Instruction	Average MPH
					<b>STAGE TWO</b>	
1.	13:44:50	0:00:00	0.0		Exit Diamond Shamrock from road you entered, turning left, and follow signs for River Rd.	30
2.			0.3		CAS at sign	20
3.			0.5		Bridge	
4.			0.8		CAS at sign	30
5.			1.8		Low Water Crossing	
6.	13:53:20	0:08:30	3.8		Rocky Beach	

The following is an example of Route Instructions with a Do It Yourself (DIY) checkpoint  
**EXAMPLE 3: (DIY Checkpoint)**

RI No.	Partial Time	Mileage	Figure	Instruction	Average MPH
N-1		XX.XX		Normal Instruction.	30
N		40.15		Checkpoint #3 (Do It Yourself). Use Fire Hydrant in the lawn in front of a staineed wood wall as the IN line. A red/white vertical gas pipe 0.10 miles ahead will be the OUT marker.	
N+1		40.25		Write your EXACT IN TIME when you crossed the IN LINE (on your Card?), then mark the OUT TIME as your IN time + 3 minutes rounded up to the next whole minute. Continue across the OUT Line at your calculated OUT time	

**JAGUAR CLUBS OF NORTH AMERICA, INC.  
RALLY PROGRAM MANUAL**

N+2				Normal Instruction.	
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