

Technical Department

SCRUTINEERING AND TECHNICAL CLOSING REPORT

NZRC ROUND ONE - RALLY OF OTAGO - 7th to 9th April 2017

1. Event Scrutineering:

ENTRY NUMBERS BY CLASS								
Cat 1			Cat 2	Cat 3	Cat 4	Cat 5A	Cat 5B	TOTAL ENTRIES
4WD up to 1600cc	4WD up to 1800cc	4WD up to 2000cc	2WD R1, R2, R3	Open 2WD	Rally Hist	4WD Chall	2WD Chall	
2	4	12	6	4	7	11	3	49

2. Scrutineering and Pre-Event Outcomes:

PRE EVENT INSPECTIONS AND CHECKS							
Car No.	Class	Weight (Kg)	Weight Limit (KG)	Turbo Restr. Size	Turbo Seal Type & No.	Cyl Head Seal No.	Cyl Head Seal No.
1	1	1329	1300	34mm	15-93-B	11-084	
2	1	1492	1350	34mm	PA-141-A		
3	1	1503	1350	34mm	15-2-C		
4	1	1369	1350	34mm	15-10-D		
5	1	1350	1230	34mm	11-084	15-81-A	15-96-B
6	1	1298	1300	34mm	PA-290-A	PA-210-A	PA-212-A
7	1	1456	1350	34mm	15-19-C		
8	1	1420	1350	34mm	15-27-D		
9	1	1333	1300	34mm	PA-140-A	PA-138-A	PA-137-A
10	1	1406	1350	34mm	PA-198-A		
11	1	1420	1350	34mm	PA-189-A		
12	1	1348	1300	34mm	PA-135-A	PA-136-A	
13	1	1272	1230	34mm	PA-150-A	PA-149-A	PA-148-A
14	1	1367	1350	34mm	15-11-D		
15	1	1331	1230				
17	1	1421	1300	34mm	15-1-G		
18	1	1384	1350	34mm	PA-147-A		
19	1	1467	1350	34mm	PA-147-A		
20	5A	1486	1350	36mm	PA-172-A		
21	5A	1465	1350	36mm	PA-146-A		
29	5A	1440	1350	36mm	PA-288-A		
32	5A	1410	1350	36mm			
34	5A	1389	1350	36mm	PA-143-A		
40	1	1467	1350	34mm	PA-142-A		
43	5A	1421	1350	36mm	PA-137-A		
46	5A	1510	1350	36mm			
59	5A	1323	1350	36mm	15-90-A		
60	5A	1439	1350	36mm	12086		

SAFETY CHECK DETAILS		
Car No.	Fault	Result
ALL	Safety checks and general inspections were carried out on all cars.	
21	No Mudflaps – Rear. Re-presented	Passed
34	No Authority Card. Authority Card Inspection and Application Completed	
32	No Turbo Restrictor Wire. No Mudflaps. – Re-presented	Passed
46	No Turbo restrictor Wire	Passed
23	Car not presented	
41C	Car not presented	
43	No Authority Card. Authority Card form completed	

STARTERS BY CLASS								
Cat 1			Cat 2	Cat 3	Cat 4	Cat 5A	Cat 5B	TOTAL STARTERS
4WD up to 1600cc	4WD up to 1800cc	4WD up to 2000cc	2WD R1, R2, R3	Open 2WD	Rally Hist	4WD Chall	2WD Chall	
2	4	12	6	4	7	11	3	49

3. One event outcomes:

LEG ONE – SATURDAY 8 TH APRIL						
Stage No.	Details					
SS3	Monitor Finish Control area and Route to Remote refuel					
TS3	Check activities at Remote Refuel Johnson Road					
Service A	Monitor activities at Service Park A Lawrence					
SS4	Monitor finish control area					
TS5	Monitor activities at finish SS4 and touring to SS5					
Service B	Monitor activities at Service park B Lawrence					
SS7	Check indicative weight on selected cars at SS7 neutralisation zone:					
	Car No.	Class	Minimum weight (Kg)	Min weight + 160Kg	Indicative weigh (Kg)	
	1	1 (1800cc)	1300	1460	1534	
	4	1 (2000cc)	1350	1510	1547	
	6	1 (1800cc)	1300	1460	1573	
	10	1 (2000cc)	1350	1510	1550	
	14	1 (2000cc+)	1350	1510	1533	
	59	5A	1350	1510	1518 *	
	<ul style="list-style-type: none"> Note: car 59 re-weighed without occupants. Car weight 1358Kg 					
TS7C	Monitor cars into Park Ferme at Turners Dunedin					

LEG ONE WITHDRAWALS				
Car No.	Stage No.	Details	Temporary / Permanent	Re-Join
3	SS1	Gearbox	Temporary	Service D
11	TS2	Engine misfire	Permanent	
51C	TS2	Engine	Permanent	
67	SS2	Off road	Temporary	Service D
60	TS3	Wiring	Temporary	TC5
17	SS3	Off road	Temporary	Service D
21	SS3	Off road	Permanent	
25	SS3	Off road	Permanent	
33	SS4	Engine	Permanent	
53	SS4	Overheating	Permanent	
5	TS5	Broken gear selector	Temporary	Service B
8	TS5	Turbo	Temporary	Service D
34	TS5	Brakes	Permanent	
13	TS6	Mechanical	Temporary	Service D

NUMBERS COMPLETED LEG ONE INTO PARK FERME								
Cat 1			Cat 2	Cat 3	Cat 4	Cat 5A	Cat 5B	TOTAL FINISHERS
4WD up to 1600cc	4WD up to 1800cc	4WD up to 2000cc	2WD R1, R2, R3	Open 2WD	Rally Hist	4WD Chall	2WD Chall	
1	3	9	4	4	6	NIL	NIL	27

LEG TWO – SUNDAY 9TH APRIL		
Stage No.	Details	
7D	Monitor Park Ferme	
Service D	Car 17 Inspected damage resulting from Roll over OK	
Service D	Car 67 Inspected damage resulting from Roll over OK	
SS10	Monitor activities at SS10 finish	
Service E	Monitor activities at Service Park E - Waihola	
TS11	Monitor activities at SS11 finish and Touring to Service F	
Service F	Monitor activities at Service Park F - Waihola	
TS12	Monitor activities at remote refuel Taieri Mouth and TS13	

LEG TWO WITHDRAWALS				
Car No.	Stage No.	Details	Temporary / Permanent	Re-Join
13	TS9	Electrical	Permanent	
17	TS9	Centre Diff	Temporary	Service E
52	TS9	Mechanical	Temporary	Service E
40	TS10	Intercooler Hose	Permanent	
5	SS10	Off road	Permanent	
3C	SS11	Off road	Permanent	
60	SS11	Alternator	Permanent	
57	Ss12	Computer	Permanent	
9	SS12	Engine	Permanent	
63	SS12	Off road	Permanent	
67	SS13	Off road	Permanent	

POST EVENT INSPECTIONS - SUNDAY 9 TH APRIL			
Car No.	Class	Details	
1	Class 1	Turbo restrictor Seal and Cylinder Head Seals checked *	
6	Class 1	Turbo restrictor Seal and Cylinder Head Seals checked *	
14	Class 1	Turbo restrictor Seal and Cylinder Head Seals checked	
49	Class 2	Cylinder Head Seals checked *	
<ul style="list-style-type: none"> The planned indicative engine bore and stroke measurements were abandoned due to measuring equipment failure. 			

FINAL CLASSIFICATION BY CLASS								
Cat 1			Cat 2	Cat 3	Cat 4	Cat 5A	Cat 5B	TOTAL FINISHERS
4WD up to 1600cc	4WD up to 1800cc	4WD up to 2000cc	2WD R1, R2, R3	Open 2WD	Rally Hist	4WD Chall	2WD Chall	
0	2	8	3	2	4	N/A	N/A	19

TECHNICAL OFFICERS / SCRUTINEERS ON DUTY

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