

SCRUTINEERING AND TECHNICAL OPENING REPORT

Rally Southern Lights Invercargill 21/22 June 2024

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 2.0L, R2	Open 2WD	Rally Historic	4WD Chall	2WD Chall	
4	5		4	3	2	9	2	29

2. Safety Audit Record

Car No.	Driver	Logbook No.	Safety Audit	Reason for fail	Recheck OK	RallySafe
1	Hayden Paddon	21518	pass	New turbo seal 27053		Yes
3	Robbie Stokes	23520	pass			Yes
11	Caleb Macdonald	17965	pass			Yes
19	Jack Stokes	22448	pass			Yes
20	Tim Mackersy	25918	pass			Yes
24	Gavin Feast	24133	pass			Yes
25	Paul Cross	24835	pass	Did not enter online		Yes
35	Nelson Law	22242	pass			Yes
37	Willy Hawes	21538	pass			Yes
44	Paul Fraser	11590	pass			Yes
60	Murry Percival	14295	pass	Remote Audited		Yes

2. Pre-Event Checks

SCRUTINEERING INSPECTIONS AND CHECKS							
Car No.	Class	Weight (Kg)	Weight Limit	Turbo Restrict. Size	Turbo Seal	Cyl Head Seal	Body Seal
1 Paddon	Cat 1	1390	1300	34 mm	027053	27028	
2 Hunt	Cat 1	1292	1230	32 mm	025211	027018	10151
3 Stokes	Cat 1	1411	1300	34 mm	NP-TURA-177	NP-ENO-177	002737
4 Jack Hawkeswood	Cat 1	1352	1300	34 mm	NP-TURA-179	NP-ENO179	003078
5 Emma Gilmour	Cat 1	1313	1230	32 mm	027006	PSA-MS-4336	02741
6 Zeal Jones	Cat 1	1323	1230	32 mm	P23-TURA-282	P23-EN 282	003077

7 Stewart Reid	Cat 1	1327	1300	34 mm	127015	027014	MS 003079
8 Andy Martin	Cat 1	1347	1230	32 mm	025083	P23-EN284	10274
9 Maek McMillan	Cat 5A	1535					
11 Caleb Macdonald	Cat 5A	1421					
19 Jack Stokes	Cat 2	1122					
20 Tim Mackersy	Cat 2	1129					
25 Paul Cross	Cat 5A	1350					
35 Nelson Law	Cat 1	1361	1300	34 mm	NP-TURA-181	NP-ENO-181	

3 a. Technical Checks

LEG ONE – Friday 21st June			
Stage No.	Stage Name	Details	
Parc Ferme	Parc Ferme In	Monitor activities at Parc Ferme In	

3 b. Technical Checks

LEG TWO – SATURDAY 22 nd June			
Stage No.	Stage Name	Details	
Parc Ferme	Parc Ferme Out	Monitor activities at Parc Ferme Out	
Service A	Service Park Lorneville	Monitor activities in Service Park.	
End SS 2	Benmore	Monitor activities at end of Special Stage 2.	
Service B	Service Park Winton	Monitor activities in Service Park.	
Start SS 4	Jewitt	Monitor activities at start line of SS 4 Check gear being worn. Picked up Car 3 Robbie Stokes not wearing driving gloves.	
Service C	Service Park Winton	Monitor activities in Service Park.	
End S/S 7 Regroup Tuatapere	Regroup Tuatapere	Weight checks-End S/S 7 Start of group Tuatapere	
		Car 1	1535 kg
		Car 2	1488
		Car 3	1584
		Car 4	1535
		Car 5	1550
		Car 6	1495
		Car 7	1505
		Car 8	1584

5. Retirements

Car No.	Driver	Stage	Reason	Permanent / Temporary	Re-Join
12	Jay Pittams	TC 1 c	Mechanical	Temporary	TC 2 C
24	Gavin Feast	SS 2	Off Road	Temporary	SPC Service C
			Mechanical	Permanent	SPE Service E

6. Post Checks

POST EVENT TECHNICAL CHECKS			
Car No.	Class		Pass / Fail
1 Paddon	Class 1	Engine seals checked. Check Weight of vehicles front bumper Check Vehicles Rear sway bar for compliant / Ferrous. Check Vehicles main driveshaft for compliant/ material Ferrous	Pass Pass Pass Pass
2 Hunt	Class 1	Engine seals checked. Check Weight of vehicles front bumper Check Vehicles Rear sway bar for compliant / Ferrous. Check Vehicles main driveshaft for compliant/ material Ferrous	Pass Pass Pass Pass
3 Robbie Stokes	Class 1	Engine seals checked. Check Weight of vehicles front bumper Check Vehicles Rear sway bar for compliant / Ferrous. Check Vehicles main driveshaft for compliant/ material Ferrous	Pass Pass Pass Pass

7. Notes:

At Pre-Event checks we had to check the turbo restrictor and seal turbo on car 1 Hayden Paddon. Old seal had been removed with out permission as per article 15.2.3 under the 2024 NZRC championship. A discussion was held with in the technical team as to what action should be done. As the turbo part is open and we are only checking the restrictor size for compliance, we check and reseal and have follow up with email after event to the team, in future to comply with Article 15.2.3.

Park ferme was not set up well. Not taped off or marked area, just open car park with no controls. Technical officers had to park vehicles and monitor and move crew on. Saturday morning the park ferme out was not controlled. No one booking the crews in 10 minutes before, CRO had been told by cleck of course to just let crews in. Crews where just allowed to walk on in freely. Had to stop one service crew member from going in.

Picked up at gear check at start of SS 4 car 3 Robbie Stokes did not have driving gloves. Non complies of schedule A article reference 18.2.B. Had left them on roof of vehicle and they had fallen off. He had to start stage as he had already entered control start. Informed Clerk of Course of incident. The old set were recovered. I inspected them and found no damage. They were returned.

In future maybe investigate screens in-between vehicles at Post scrutineering to keep vehicles and team private.

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