

SHELL HELIX RALLY ESTONIA 2019

Approved by FIA on 10 July 2019

Date : 10 July 2018 **Time** : 15:00 hrs
Subject : BULLETIN No.1 **Document No** : 1.1

From : *The Clerk of the Course*
To : *All Competitors / Crew Members*
 Number of Pages: 2 Attachments: 4

1) Amendments and additions to the SUPPLEMENTARY REGULATIONS:
Art. 1.2 Length of Special Stages and Road surface

Leg 1: Asphalt	4.66 1.78	km (Elva City stage)	Gravel	90.12 90.04	km
Leg 2: Asphalt	4.60 1.43	km (Tartu City stage)	Gravel	58.70 58.47	km

Art. 1.3 Overall SS distance and total distance of the itinerary

Total distance of the itinerary	795.45 803.45	km
Overall length of Special Stages	454.98 151.72	km

Art. 2.6 Observers and delegates

	Name
LAF Technical Delegate	Mr. Gints Freimanis Mr. Gundars Vitols

Art. 2.7 Senior Officials

	Name
Timekeeping (Chief Timekeeper):	Mr. Ivars Silins Mr. Uldis Grinbergs

Art. 9.3.2 Direction

Each crew may drive the Special Stages only in the direction of the rally. The crews must always enter and leave the Special Stages through the start and stop points.
 Exceptionally, on SS 2/4 in order to do second passage of stage crews are permitted to drive to the start of the Special Stage 110 metres in the opposite direction of the rally.
Also exceptionally drivers are allowed to continue from SS1/3 recce to SS 6/8 recce while passing SS1/3 between Road Book page 64 pos 17-18 and page 90 pos 17-18 in order to shorten the liaison.

Art. 9.4.6 9.3.5 Number of passages
Art. 9.4.7 9.3.6 Illegal reconnaissance
Art. 9.4.9 9.3.8 Radar detection equipment
Art. 11.1 SCRUTINEERING VENUE AND TIMETABLE

Any crew taking part in the rally, or their representative must arrive at the Scrutineering and present the car in accordance with the following timetable:

TIME	CREWS
08:00 - 08:20	46 / 91
08:20 - 08:40	10 / 16 / 84 / 86
08:40 - 09:00	12 / 14 / 47 / 49
09:00 - 09:20	15 / 17 / 51 / 52
09:20 - 09:40	18 / 19 / 66 / 67
09:40 - 10:00	37 / 38 / 68 / 69
10:00 - 10:20	20 / 23 / 64 / 65
10:20 - 10:40	22 / 25 / 48 / 50
10:40 - 11:00	70 / 71
11:00 - 11:20	26 / 30 / 72 / 73
11:20 - 11:40	28 / 31 / 74 / 75
11:40 - 12:00	54 / 55 / 77 / 80
13:00 - 13:20	27 / 29 / 76 / 78
13:20 - 13:40	32 / 41 / 92 / 93
13:40 - 14:00	43 / 53 / 94 / 95
14:00 - 14:20	33 / 34 / 96 / 97
14:20 - 14:40	44 / 45 / 98 / 99

TIME	CREWS
14:40 - 15:00	57 / 63 / 79 / 81
15:00 - 15:20	56 / 59 / 100 / 101
15:20 - 15:40	58 / 60 / 82 / 83
15:40 - 16:00	35 / 36 / 102 / 103
16:00 - 16:20	85 / 87 / 104 / 105
16:20 - 16:40	61 / 62 / 88 / 89
16:40 - 17:00	11 / 21 / 90 / 106
17:00 - 17:20	1* / 24 / 42
17:20 - 17:40	2* / 39 / 40
17:40 - 18:00	8*
18:00 - 18:20	9*
18:20 - 18:40	3*
18:40 - 19:00	5*
19:00 - 19:20	4*
19:20 - 19:40	6*
19:40 - 20:00	7*

*For cars no 1,2,3,4,5,6,7,8,9 scrutineering will be carried out in their own service area.

After scrutineering these cars will have to pass the scaling procedure at the location of the pre-rally scrutineering. Exceptionally car No. 9 will also have to pass pop-off valve check and noise level check.



Art. 12.2 Qualifying stage for crews No.4-10 1-5

A Qualifying Stage will be organised for crews with competition numbers 4-10 1-5, in order to establish the rally start order. Qualifying Stage will be run on the same stage as the Shakedown. All crews bearing competition number 4-10 1-5 must participate in Qualifying.

Qualifying stage time: Friday 12 July at 16:00 for crews No.4-10 1-5

Any driver who does not participate or who does not start the Qualifying Stage at the scheduled time or does not correctly complete the Qualifying stage will choose his position last amongst crews No.4-10 1-5.

Art. 12.3 Attribution of starting positions for crews No.4-10 1-5 and pre-event press conference

Crews No.4-10 1-5 will choose their starting position for Leg 1 according to the results of the Qualifying Stage.

Art. 12.5.1 Starting order and intervals

The start intervals for Leg 1 will be as follows:

Cars No.1-10 - 3-minute intervals

Cars No.11-20 - 2-minute intervals

All other cars - 1-minute intervals

The start intervals for Leg 2 will be as follows:

The first 20 cars - 2-minute intervals

All other cars - 1-minute intervals

Art. 12.9 Time cards

Art. 12.9.1. New time cards will be issued to the Competitors at the following time controls: TC 0, TC 2A, TC 4A, TC 6A, TC 8A, TC 9B, TC 11A, ~~TC 14A~~ TC 13A.

Art. 12.14 On-board cameras

The following members of on-board crews are allowed to enter the regrouping area and Parc Fermé to install and exchange the data recording media installed in the rally cars.

Michael Kitchin

Stephen Elliott Hunter

The teams concerned and Deputy Chief Scrutineer have to be informed beforehand.

Art. 12.15.1 Safety GPS tracking

The following safety GPS tracking workers are allowed to enter the regrouping area and Parc Fermé in order to maintain or repair the GPS tracking systems installed in the rally cars:

Maris Simson

Donatas Dylis

Julius Rupsys

They have to be accompanied by a Scrutineer and the representative of the team (driver, co-driver or Competitor).

Judges of Fact

Judges of Fact will monitor the correct passing of the chicanes. The following persons are nominated as Judges of Fact:

Aomer Aavik
Kristjan Aavik
Kusti Aavik
Riho Käesel
Aho Käesel
Priit Piks

Märt Piks
Mart Piks
Liis Hanga
Toomas Mikk
Vahur Mürk
Gunnar Mekk

Neveli Uibos
Kevin Kõivsaar
Marko Mägiste
Mihkel Rünkaru
Mairold Paap
Lauri Aavik

Jaanika Kõivsaar
Karl Kõiv
Robin Mürk
Sander Nurme
Heldur Tellmann

2) Amendments to the ROAD BOOK:

See the amendments in Attachment 4.

ATTACHMENT 1 - APPENDIX 1 OF THE SUPPLEMENTARY REGULATIONS – ITINERARY

ATTACHMENT 2 – APPENDIX 5 OF THE SUPPLEMENTARY REGULATIONS - Overalls, Helmets & other Safety Equipment (FIA Appendix L)

ATTACHMENT 3 – Amendments to 2019 FIA RRSR Art.40.3 Incident on a Special Stage

ATTACHMENT 4 - CHANGES TO ROAD BOOK PAGES

Silver Kütt
Clerk of the Course

ATTACHMENT 1. APPENDIX 1 OF THE SUPPLEMENTARY REGULATIONS – ITINERARY

Appendix 1. Leg 1 (Sunrise: 4:25, Sunset: 22:27)						Saturday, 13th July 2019	
TC	LOCATION	SS dist.	Liaison Dist.	Total dist.	Target time	1st car due	
0	Overnight parking OUT					07:45	
0A	Service A IN		47,85	47,85	00:45	08:30	
SERVICE A - OTEPÄÄ			(47,85)	(47,85)	00:15		
0B	Service A OUT					08:45	
RZ	Refuel Otepää						
1	Distance to next refuel	(25,51)	(79,55)	(105,06)			
1			31,63	31,63	00:35	09:20	
SS1	SPORTLAND - Maaritsa 1	14,56				09:23	
2			25,99	40,55	00:40	10:03	
SS2	CIRCLE-K - Arula 1	10,95				10:06	
2A	Regrouping & Technical Zone IN		21,93	32,88	00:35	10:41	
Regrouping/Technical Zone (Otepää)					00:15		
2B	Regrouping OUT / Service B IN					10:56	
SERVICE B - OTEPÄÄ			(25,51)	(79,55)	(105,06)	00:30	
2C	Service B OUT					11:26	
RZ	Refuel Otepää						
2	Distance to next refuel	(25,51)	(79,55)	(105,06)			
3			31,63	31,63	00:35	12:01	
SS3	KAMBJA - Maaritsa 2	14,56				12:04	
4			25,99	40,55	00:40	12:44	
SS4	CRAMO - Arula 2	10,95				12:47	
4A	Regrouping & Technical Zone IN		21,93	32,88	00:35	13:22	
Regrouping/Technical Zone (Otepää)					00:15		
4B	Regrouping OUT / Service C IN					13:37	
SERVICE C - OTEPÄÄ			(25,51)	(79,55)	(105,06)	00:30	
4C	Service C OUT					14:07	
RZ	Refuel Otepää						
3	Distance to next refuel	(9,30)	(12,75)	(22,05)			
5			4,20	4,20	00:15	14:22	
SS5	SHELL HELIX - Rüa 1	9,30				14:25	
5A	Service D IN		8,55	17,85	00:20	14:45	
SERVICE D - OTEPÄÄ			(9,30)	(12,75)	(22,05)	00:25	
5B	Service D OUT					15:10	
RZ	Refuel Otepää						
4	Distance to next refuel	(10,21)	(40,26)	(50,47)			

6			13,64	13,64	00:20	15:30	
SS6	SAKU - Puugi 1	10,21				15:33	
6A	Regrouping & Technical Zone IN		26,62	36,83	00:35	16:08	
	Regrouping/Technical Zone (Otepää)				00:15		
6B	Regrouping OUT / Service E IN					16:23	
	SERVICE E - OTEPÄÄ	(10,21)	(40,26)	(50,47)	00:30		
6C	Service E OUT					16:53	
RZ	Refuel Otepää						Section 4
5	Distance to next refuel	(19,51)	(50,55)	(70,06)			
7			4,20	4,20	00:15	17:08	
SS7	POSTIMEES - Rüa 2	9,30				17:11	
8			19,73	29,03	00:28	17:39	
SS8	LHV AUTOLAEN - Puugi 2	10,21				17:42	
8A	Regrouping & Technical Zone IN		26,62	36,83	00:35	18:17	
	Regrouping/Technical Zone (Otepää)				00:15		
8B	Regrouping OUT / Service F IN					18:32	
	SERVICE F - OTEPÄÄ	(19,51)	(50,55)	(70,06)	00:15		
8C	Service F OUT					18:47	
RZ	Refuel Otepää						Section 5
6	Distance to next refuel	(1,66)	(104,58)	(106,24)			
9			28,92	28,92	00:30	19:17	
SS9	EWENTUM - Elva City	1,78				19:20	
9A	Parc Ferme IN (Early check-in permitted)		29,93	31,71	00:45	20:05	
		(1,78)	(58,85)	(60,63)			
	All Cars (except re-starting crews) to be in Parc Ferme no later than					22:30	
	LEG1 TOTAL	(91,82)	(369,36)	(461,18)			

Appendix 1. Leg 2 (Sunrise: 4:27, Sunset: 22:26)

Sunday, 14th July 2019

TC	LOCATION	SS dist.	Liaison Dist.	Total dist.	Target time	1st car due
9B	PF OUT					07:20
9C	Regrouping & Technical Zone IN		48,22	48,22	00:45	08:05
	Regrouping/Technical Zone (Otepää)				00:05	
9D	Regrouping OUT / Service G IN					08:10
	SERVICE G - OTEPÄÄ		(48,22)	(48,22)	00:15	
9E	Service G OUT					08:25
RZ	Refuel Otepää					
7	Distance to next refuel	(24,71)	(58,98)	(83,69)		
10			13,61	13,61	00:20	08:45
SS10	24EXPRESS - Aiaste 1	7,70				08:48
11			20,89	28,59	00:28	09:16
SS11	AUTO24.EE - Prangli 1	17,01				09:19
11A	Regrouping & Technical Zone IN		24,48	41,49	00:51	10:10
	Regrouping/Technical Zone (Otepää)				00:10	
11B	Regrouping OUT / Service H IN					10:20
	SERVICE H - OTEPÄÄ		(24,71)	(58,98)	00:30	
11C	Service H OUT					10:50
RZ	Refuel Otepää					
8	Distance to next refuel	(24,71)	(58,61)	(83,32)		
12			13,61	13,61	00:20	11:10
SS12	KANEPI - Aiaste 2	7,70				11:13
13			20,89	28,59	00:28	11:41
SS13	SEBACOM METALS - Prangli 2	17,01				11:44
13A	Service I IN		24,11	41,12	00:39	12:23
	SERVICE I - OTEPÄÄ		(24,71)	(58,61)	00:20	
13B	Service I OUT					12:43
RZ	Refuel Otepää					
9	Distance to next refuel	(9,05)	(55,25)	(64,30)		
14			25,23	25,23	00:30	13:13
SS14	SWECON - Saverna	9,05				13:16
14A	Regrouping & Technical Zone IN		30,02	39,07	00:37	13:53
	Regrouping/Technical Zone (Otepää)				00:10	
14B	Regrouping OUT / Service J IN					14:03
	SERVICE J - OTEPÄÄ		(9,05)	(55,25)	00:20	
14C	Service J OUT					14:23
RZ	Refuel Otepää					

Section 6

Section 7

Section 8



10	Distance to next refuel	(1,43)	(61,31)	(62,74)		
15			58,73	58,73	00:54	15:17
SS15	VISIT ESTONIA - Tartu City	1,43				15:20
15A	Holding IN/Technical Zone IN (Early check-in permitted)		2,58	4,01	00:15	15:35
	PODIUM - TARTU				00:25	16:00
	Parc Ferme IN (Early check-in permitted)					16:30
Leg 2 totals		(59,90)	(282,37)	(342,27)		
TOTALS OF THE RALLY						
		SS	Liaison	Total	%	
	Saturday 13 July /Sections 1,2,3,4,5	91,82	369,36	461,18	20%	
	Sunday 14 July /Sections 6,7,8	59,9	282,37	342,27	18%	
	TOTAL - 15 SS	151,72	651,73	803,45	18,9%	

ATTACHMENT 2 – APPENDIX 5 OF THE SUPPLEMENTARY REGULATIONS - Overalls, Helmets & other Safety Equipment (FIA Appendix L)

All entrants and drivers are reminded of the Appendix L to the 2019 International Sporting Code, in particular regarding Chapter III - Drivers' equipment (helmets, flame-resistant clothing, frontal head restraint-FHR and safety belts). These regulations apply to Shakedown and Qualifying Stage as well.

Helmets

All crews must wear crash helmets which meet one of the standards listed below:

- 8858-2002 or 8858-2010 (Technical List no 41).
- 8859 (Technical List N°49).
- 8860-2004 or 8860-2010 (Technical List no 33).
- 8860-2018 or 8860-2018-ABP (Technical List no 69).

Drivers and co-drivers in closed cockpit cars who wear full-face helmets must be able to pass the test. Drivers must contact the Chief Medical Officer in order to carry out the above test before the start of the event.

Frontal Head Restraint (FHR)

FIA approved FHR systems are mandatory.
The FHR is not compulsory in class EMV8 (trucks).

The wearing of any device intended to protect the head or neck and attached to the helmet is prohibited, unless the device has been homologated according to the FIA Technical Lists no 29.

Flame resistant clothing

All crews must wear overalls as well as gloves (optional for co-drivers), long underwear, a balaclava, socks and shoes (see also Article 11.5 in these Regulations) homologated to the FIA 8856-2000 standard (Technical List no 27) or FIA 8856-2018 standard (Technical list no 74).

ATTACHMENT 3 – Amendments to 2019 FIA RRSR Art.40.3 Incident on a Special Stage

40.3 INCIDENT ON A SPECIAL STAGE

40.3.1 In the case of an accident where urgent medical attention is required, the following applies:

- The SOS switch on the emergency console must be activated as soon as possible (if applicable).
- When possible, the red "SOS" sign should immediately be displayed to the following cars and to any helicopter attempting to assist.
- As soon as possible, the red reflective triangle must be placed in a conspicuous position on the same side of the road as the car at least 50 metres before the car's position, in order to warn following drivers, even if the car is off the road.

40.3.2 Any crew which has the red "SOS" sign displayed to them, or which sees a car which has suffered an accident, and the OK sign is not shown, shall immediately and without exception stop to render assistance. All following cars shall also stop. The second car at the scene shall proceed to inform the next radio point. Subsequent cars shall leave a clear route for emergency vehicles. All crews stopped by this procedure will be allocated a time according to Art. 39.

40.3.3 In the case of an accident where immediate medical intervention is not required, or of a car stopping for any other reason on or beside a special stage, whether temporarily or permanently, the following applies:

- The OK switch on the emergency console must be activated within one minute (if applicable)
- The green "OK" sign must immediately be displayed to the following cars and to any helicopter attempting to assist. If the crew leaves the vehicle, the "OK" sign must be displayed so that it is clearly visible to all other competitors.
- The red triangle must be placed in a conspicuous position on the same side of the road as the car by a member of the crew at least 50 metres before the car's position, in order to warn following drivers, even if the car is off the road.

40.3.4 Should it not be possible, for whatever reason, to display the OK/SOS board in any of the above situations, this may be replaced by an evident and clearly understandable sign language shown by the crew outside of the car:

- an arm and thumb up to indicate "OK"
- crossed arms above the head to indicate "SOS".

40.3.5 Any crew which is able but fails to comply with the above rules will be reported by the clerk of the course to the Stewards.

40.3.6 The road book shall contain a page giving the accident procedure.

40.3.7 Any crew retiring from a rally must report such final retirement to the organisers as soon as possible, save in a case of force majeure. Any crew failing to comply will be subject to a penalty at the Stewards' discretion.

ATTACHMENT 4 – Amendments to the ROAD BOOK

Speed limit change on SS5/7 between page 112/138 positions 4 and 11

2.50	1.09		<p>!! Drive around obstacle !!</p> <p>N 58.02451 E 26.54583</p>	15.35
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7.11	0.05		<p>N 57.99015 E 26.55285</p>	21.92
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Speed limit change on SS11/13 page 212/236 position 17

15.85	0.72			25.64
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