

Raport GPS cu privire la accidentul echipajului numărul 6

Raliul Maramureșului 2022

Raportul GPS a fost întocmit de către coordonatorii Marin Marina și Hadăr Oana.

În data de 09.04.2022, în cadrul Raliului Maramureșului 2022, echipajul nr. 6, format din pilotul Bogdan Marișca și copilotul Sebastian Itu, a suferit un accident pe proba specială PS5 Copalnic 5.

- 15:30:09 – coliziune detectată de unitatea GPS
- 15:30:10 – alertă primită în HQ
- **15:30:25 – butonul OK apăsat de către echipaj**
- **15:30:31 – OK recepționat în HQ**
- **15:32:38 – buton SOS apăsat de către echipajul nr. 5**
- 15:32:42 – alertă SOS primit în HQ
- 15:35:34 – alertă RED FLAG transmisă pentru dublaj la STEAG ROȘU afișat de arbitri

Mai jos se pot observa datele înregistrate de către GPS-ul echipajului nr. 6, care confirmă faptul că butonul OK a fost apăsat în 16 secunde după ce impactul a fost detectat.

9.4.2022 15:30:09	9.4.2022 15:30:10	1	Trip status	Acceleration during impact	Acceleration during collision
9.4.2022 15:30:09	9.4.2022 15:30:10	1	Asset status	GSM info	GSM info
9.4.2022 15:30:18	9.4.2022 15:30:19	1	unit recharging status	Main power supply status	Voltage drop
9.4.2022 15:30:18	9.4.2022 15:30:19	1	unit recharging status	Bottom fixed value of the main power supply voltage	Voltate value

Sending time	Reception time	ID	Attribute	Attribute	Message	
			Select	Select	Select	
9.4.2022 15:30:18	9.4.2022 15:30:19	1	Radio	Antenna status	Disconnecting antenna	1
9.4.2022 15:30:18	9.4.2022 15:30:19	1	Radio	Antenna power supply	Antenna charging switched on	1
9.4.2022 15:30:23	9.4.2022 15:30:31	1	unit recharging status	Back-up battery status	Operating on back-up battery	W
9.4.2022 15:30:23	9.4.2022 15:30:31	1	unit recharging status	Main power supply voltage	Voltate value	0.
9.4.2022 15:30:23	9.4.2022 15:30:31	1	unit recharging status	Back-up battery voltage	Battery voltage	4.
9.4.2022 15:30:24	9.4.2022 15:30:31	1	unit recharging status	Main power supply status	Disconnecting source	O
9.4.2022 15:30:24	9.4.2022 15:30:31	1	unit recharging status	Main power supply voltage	Voltate value	0.
9.4.2022 15:30:25	9.4.2022 15:30:31	1	Rally statuses	Source for rally status	button	2
9.4.2022 15:30:25	9.4.2022 15:30:31	1	System	Operation status	Start of operation	T
9.4.2022 15:30:25	9.4.2022 15:30:31	1	Rally statuses	Rally status	Planned stopping occurrence	1
9.4.2022 15:30:29	9.4.2022 15:30:41	1	Asset status	GSM info	GSM info	1!
9.4.2022 15:30:40	9.4.2022 15:30:40	1	System	Operation received	Operation received by controlling	T
9.4.2022 15:30:40	9.4.2022 15:30:40	1	Asset status	GSM info	GSM info	1!

Deoarece succesiunea evenimentelor a ridicat semne de întrebare conducerii cursei, iar evenimentele înregistrate de GPS nu au fost concludente (lipsa alertei de crash), un raport detaliat a fost cerut către echipa de development din Cehia.

Raportul primit în data de 12.04.2022 de la aceștia poate fi citit în următoarele rânduri:

" Hi Marina,

Concerning the situation that occurred with car 906 during SS 5 on 09.04.22, the raw data (in table enclosed) shows „Type of crash 0“. In this case the G-Force was not enough to register the occurrence as an accident but as an unplanned stop. The crew quickly pressed OK so the next following cars (904, 905) did not receive alarms.

Best regards,

Tony

Tony Chapman "

" Hi Marina,

It was a little strange but there was an event „acceleration during impact“ at 15:30:09 so just a few seconds before the stop. The only SOS button shown to be pressed around this time was by car 905 at 15:32:38.

Best regards,

Tony "

Traducere:

"În ceea ce privește situația care s-a petrecut cu echipajul numărul 6 (906 este numărul afișat pe harta, convenție hotărâtă pentru a diferenția GPS-ul de concurs față de cele de recce) pe PS 5 în 09.04.22, datele brute (din tabelul de mai jos) arată tipul de accident "Type of crash 0". În acest caz, forța G-Force nu a fost suficientă pentru a înregistra evenimentul ca și accident, ci ca o oprire neprogramată. Echipajul a apăsat rapid butonul OK, astfel că următoarele mașini (echipajele 4 și 5) nu au primit nicio alarmă."

" ... Singurul buton SOS care a fost apăsat la momentul accidentului a fost cel din mașina numărul 5, la ora 15.32.38"

Soubor		Lišty	Nastavení	Zobrazení	Testy	Edit	Nápověda													
Překreslení	LAB adresa	1009b66	Od	09.04.2022	Do	11.04.2022 7:09:06	Náčtení zprávy	Přehlední načítání	Selftest Offline	47.5443233.23.6250982										
Přijetí	ACK	Zp.	Typ	LAB	Generování	Generování (upr.)	Zpráva Tit	Zpráva	N	Res	Stav	Šifra	Délka	Rych.	Stav	Data Txt				
09.04.2022 14:30:04	0009	0	100	1009B86	09.04.22 14:30:58	09.04.2022 14:30:58	Nxx Pos++	0x1007	228	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:54;(47.55210.23.62138.49).n1[0.0.49.3]+				
09.04.2022 14:30:58	0008	0	100	1009B86	09.04.22 14:30:53	09.04.2022 14:30:53	Nxx Pos++	0x1007	227	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:48;(47.55210.23.62138.49).n1[0.0.49.3]+				
09.04.2022 14:30:52	0007	0	100	1009B86	09.04.22 14:30:47	09.04.2022 14:30:47	Nxx Pos++	0x1007	226	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:42;(47.55210.23.62138.49).n1[0.0.49.3]+				
09.04.2022 14:30:51	0006	0	101	1009B86	09.04.22 14:30:49	09.04.2022 14:30:49	N03 GSM Info	0x1082	253	129	81	47.5521016	23.6213899	49	b200	Avg rssi:15, Min rssi:15, Max rssi:16, Count Sample:3, Time:20, Status:3				
09.04.2022 14:30:47	0005	0	100	1009B86	09.04.22 14:30:41	09.04.2022 14:30:41	Nxx Pos++	0x1007	225	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:33;(47.55210.23.62138.49).n2[0.0.49.3]+(0.0.49.3)+				
09.04.2022 14:30:41	0004	0	100	1009B86	09.04.22 14:30:31	09.04.2022 14:30:31	Nxx Pos++	0x1007	224	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:21;(47.55210.23.62138.49).n3[0.0.49.3]+(0.0.49.3)+				
09.04.2022 14:30:41	0003	0	101	1009B86	09.04.22 14:30:29	09.04.2022 14:30:29	N03 GSM Info	0x1082	252	129	81	47.5521016	23.6213899	49	b200	Avg rssi:15, Min rssi:14, Max rssi:16, Count Sample:4, Time:20, Status:3				
09.04.2022 14:30:41	0002	0	101	1009B86	09.04.22 14:30:25	09.04.2022 14:30:25	Rally Plan, stop ON	0x104A	9	129	81	47.5521016	23.6213899	49	b200	Inp ea:0, Zdroj:Track(2), Stav:Plan zastav(1), Rezerva:00 00 00 00 00 00 00				
09.04.2022 14:30:31	0001	0	100	1009B86	09.04.22 14:30:20	09.04.2022 14:30:20	Nxx Pos++	0x1007	223	129	81	47.5521016	23.6213899	49	b200	F:1.09.04.22.14:30:15;(47.55178.23.62137.48).n1[22.21.49.3]+				
09.04.2022 14:30:31	0000	0	101	1009B86	09.04.22 14:30:24	09.04.2022 14:30:24	Nxx Main Supply Off	0x107F	87	129	81	47.5521016	23.6213899	49	b200	Uplat:46, Ubat:4048				
09.04.2022 14:30:31	0000	0	101	1009B86	09.04.22 14:30:23	09.04.2022 14:30:23	Nxx BAT Work	0x1078	86	129	81	47.5521016	23.6213899	49	b200	Uplat:51, Ubat:4048				
09.04.2022 14:30:31	0000	0	101	1009B86	09.04.22 14:30:20	09.04.2022 14:30:20	Nxx Inp/KCH	0x101A	19	129	81	47.5521016	23.6213899	49	b200	(7=0)				
09.04.2022 14:30:31	0000	0	101	1009B86	09.04.22 14:30:20	09.04.2022 14:30:20	Nxx Inp/KCH	0x101A	18	129	81	47.5521016	23.6213899	49	b200	(7=1)				
09.04.2022 14:30:20	00CF	0	100	1009B86	09.04.22 14:30:14	09.04.2022 14:30:14	Nxx Pos++	0x1007	222	129	81	47.5513399	23.6221082	67	3090	F:1.09.04.22.14:30:09;(47.55140.23.62290.59).n1[16.23.48.3]+				
09.04.2022 14:30:19	00CE	0	101	1009B86	09.04.22 14:30:18	09.04.2022 14:30:18	NCL3 GPS antenna	0x10E5	1	129	81	47.5520283	23.6213899	49	b200	Uplat:51, Ubat:4048				
09.04.2022 14:30:19	00CE	0	101	1009B86	09.04.22 14:30:18	09.04.2022 14:30:18	N03 PWR DropOut	0x1079	85	129	81	47.5520283	23.6213899	49	b200	Uplat:287, Ulowavg:1158, Zdroj:1=AD, 2=INT4, 4=NMI, 1				
09.04.2022 14:30:19	00CF	0	101	1009B86	09.04.22 14:30:09	09.04.2022 14:30:09	N03 GSM Info	0x1082	251	129	81	47.5513399	23.6228999	59	3090	Avg rssi:14, Min rssi:12, Max rssi:16, Count Sample:3, Time:20, Status:3				
09.04.2022 14:30:08	00CF	0	101	1009B86	09.04.22 14:30:08	09.04.2022 14:30:08	N03 GSM Info	0x1081	250	129	81	47.5507616	23.6230817	67	3090	Type of crash:0, All:1168, x:748, y:552, z:700				
09.04.2022 14:30:08	00CF	0	100	1009B86	09.04.22 14:30:02	09.04.2022 14:30:02	Nxx Pos++	0x1007	220	129	81	47.5503816	23.6243249	119	3390	F:1.09.04.22.14:30:00;(47.55008.23.62503.104).n,0				
09.04.2022 14:30:02	00CF	0	100	1009B86	09.04.22 14:29:59	09.04.2022 14:29:59	Nxx Pos++	0x1007	219	129	81	47.5496816	23.6237300	68	3090	F:1.09.04.22.14:29:48;(47.54784.23.62498.108).n1[77.11.123.3]+				
09.04.2022 14:29:56	00CF	0	100	1009B86	09.04.22 14:29:51	09.04.2022 14:29:51	Nxx Pos++	0x1007	218	129	81	47.5486875	23.6252296	123	3390	F:1.09.04.22.14:29:48;(47.54784.23.62498.108).n1[77.11.123.3]+				
09.04.2022 14:29:50	00CF	1	101	1009B86	09.04.22 14:29:49	09.04.2022 14:29:49	N03 GSM Info	0x1082	250	129	81	47.5481133	23.6250033	111	3090	Avg rssi:12, Min rssi:11, Max rssi:13, Count Sample:3, Time:20, Status:3				
09.04.2022 14:29:45	00CF	0	100	1009B86	09.04.22 14:29:45	09.04.2022 14:29:45	Nxx Pos++	0x1007	217	129	81	47.5471675	23.62529	84	3390	F:1.09.04.22.14:29:42;(47.54685.23.62559.107).n1[46.14.84.3]+				
09.04.2022 14:29:45	00CF	0	100	1009B86	09.04.22 14:29:39	09.04.2022 14:29:39	Nxx Pos++	0x1007	216	129	81	47.546375	23.6253267	71	3390	F:1.09.04.22.14:29:36;(47.54584.23.62507.107).n1[49.11.71.3]+				
09.04.2022 14:29:39	00CF	0	100	1009B86	09.04.22 14:29:33	09.04.2022 14:29:33	Nxx Pos++	0x1007	215	129	81	47.5450533	23.6251999	91	3390	F:1.09.04.22.14:29:30;(47.54452.23.62507.107).n1[53.3.91.3]+				
09.04.2022 14:29:33	00CF	0	101	1009B86	09.04.22 14:29:29	09.04.2022 14:29:29	N03 GSM Info	0x1082	249	129	81	47.5443333	23.6251716	41	3390	Avg rssi:14, Min rssi:13, Max rssi:16, Count Sample:4, Time:20, Status:3				
09.04.2022 14:29:27	00CF	0	100	1009B86	09.04.22 14:29:14	09.04.2022 14:29:14	Nxx Pos++	0x1007	213	129	81	47.5424317	23.6244816	67	3390	F:1.09.04.22.14:28:54;(47.54093.23.63030.100).n6[5.36.52.3]+(38.23.94.3)+(47.3				
09.04.2022 14:29:18	00CF	0	101	1009B86	09.04.22 14:29:13	09.04.2022 14:29:13	Nxx GSM location	0x100B	106	129	81	47.5424956	23.6247999	85	3390	MCC:1,226, MNC:1,10, LAC:1,254, CellID:19FD1, MCC2:226, MNC2:10, LAC2:2774, C				
09.04.2022 14:29:13	00CF	0	100	1009B86	09.04.22 14:28:53	09.04.2022 14:28:53	Nxx Pos++	0x1007	212	129	81	47.5409416	23.6308433	85	3390	F:1.09.04.22.14:28:48;(47.54047.23.63189.773).n1[26.34.73.2]+				
09.04.2022 14:29:13	00CF	0	101	1009B86	09.04.22 14:29:09	09.04.2022 14:29:09	N03 GSM Info	0x1082	248	129	81	47.5423966	23.62627	111	3390	Avg rssi:11, Min rssi:10, Max rssi:13, Count Sample:3, Time:20, Status:3				
09.04.2022 14:28:53	00CE	0	100	1009B86	09.04.22 14:28:46	09.04.2022 14:28:46	Nxx Pos++	0x1007	211	129	81	47.5403883	23.6326416	122	3390	F:1.09.04.22.14:28:39;(47.53963.23.63550.27).n2[33.52.112.3]+(33.60.133.3)+				
09.04.2022 14:28:53	00CE	0	101	1009B86	09.04.22 14:28:49	09.04.2022 14:28:49	N03 GSM Info	0x1082	247	129	81	47.540694	23.6316149	80	3390	Avg rssi:14, Min rssi:14, Max rssi:15, Count Sample:3, Time:20, Status:3				
09.04.2022 14:28:46	00CE	0	101	1009B86	09.04.22 14:28:43	09.04.2022 14:28:43	Nxx GSM location	0x100B	105	129	81	47.540115	23.633999	121	3390	MCC:1,226, MNC:1,10, LAC:1,274, CellID:12846, MCC2:226, MNC2:10, LAC2:2564, C				
09.04.2022 14:28:46	00CE	0	100	1009B86	09.04.22 14:28:36	09.04.2022 14:28:36	Nxx Pos++	0x1007	210	129	81	47.5396717	23.6357016	38	3390	F:1.09.04.22.14:28:15;(47.54216.23.64304.125).n7[47.56.112.3]+(43.38.104.3)+				
09.04.2022 14:28:35	00CE	0	100	1009B86	09.04.22 14:28:13	09.04.2022 14:28:13	Nxx Pos++	0x1007	209	129	81	47.5425333	23.6437166	118	3390	F:1.09.04.22.14:28:06;(47.54394.23.64467.38).n2[47.9.91.3]+(64.23.116.3)+				

Datele brute analizate de către echipa din Cehia

129	81	47.5513399	23.6228999	59	3090	Avg rssi:14, Min rssi:12, Max rssi:16, Count Sample:3, Time:20, Status:3
129	81	47.5513399	23.6230817	67	3390	Type of crash:0, All:1168, x:748, y:552, z:700
129	81	47.5503816	23.6243249	119	3390	F:1.09.04.22.14:30:00;(47.55008.23.62503.104).n,0

Zoom pe detalii despre accident

Din declarațiile echipajelor implicate în acest eveniment, pilotul Bogdan Marișca a cerut echipajului numărul 4 să solicite ajutor medical.

Atât echipajul numărul 6, cât și echipajul numărul 4 ar fi putut acționa butonul SOS mai devreme, fiind conștienți de gravitatea accidentului, astfel nu ar fi trecut aproximativ până la apelul SOS din partea echipajului numărul 5.