

Отчет по работе трекера "СОМ-5" на судне "Валерий Васильев" за период с 18.05.2023 по 25.05.2023

Трекер запрограммирован на передачу отчетов каждые 20 мин.

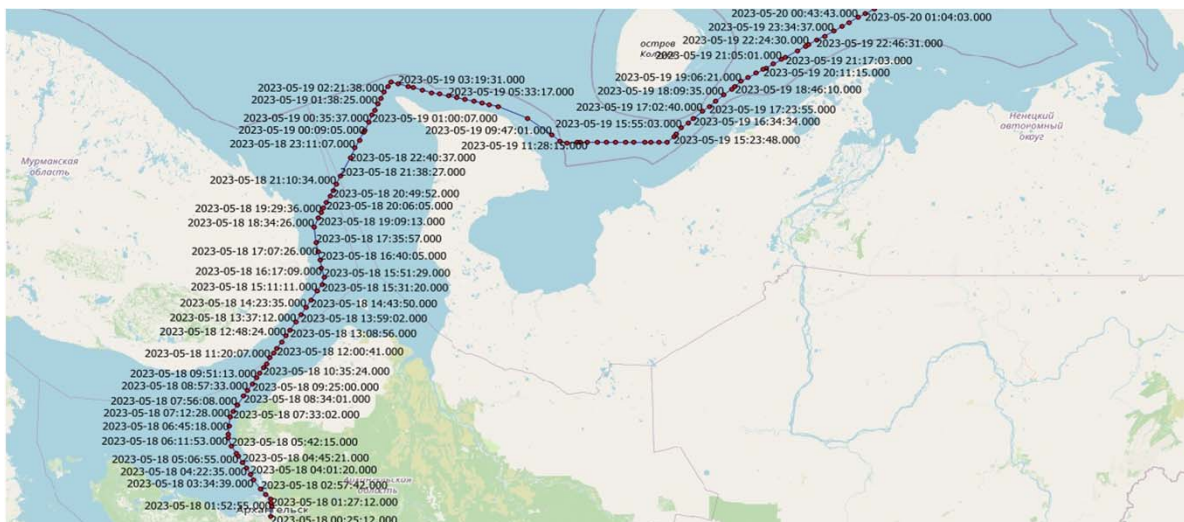
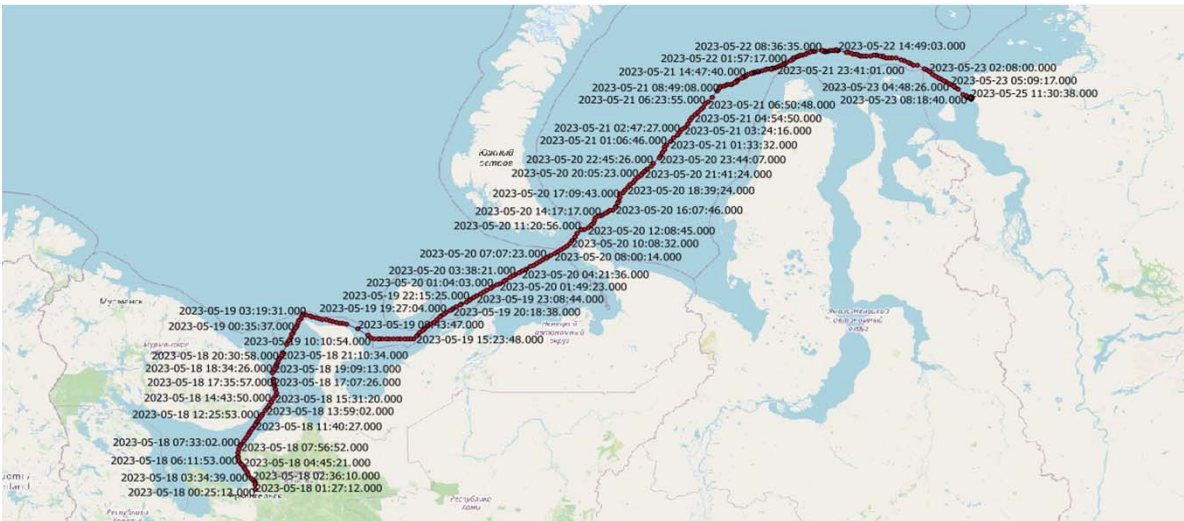
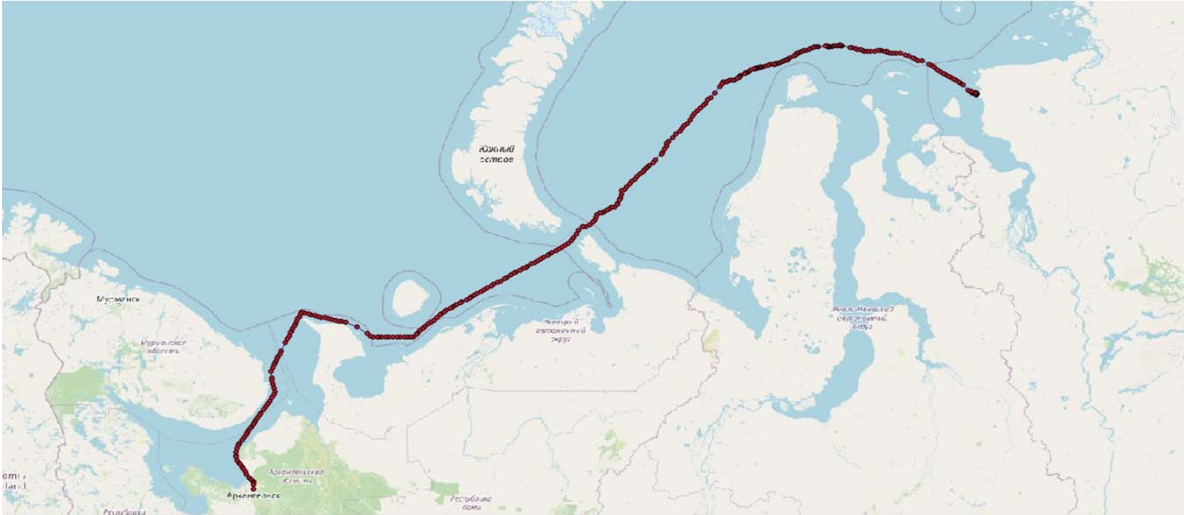
Получено **465** отчетов. Пропущено: **26** отчетов.

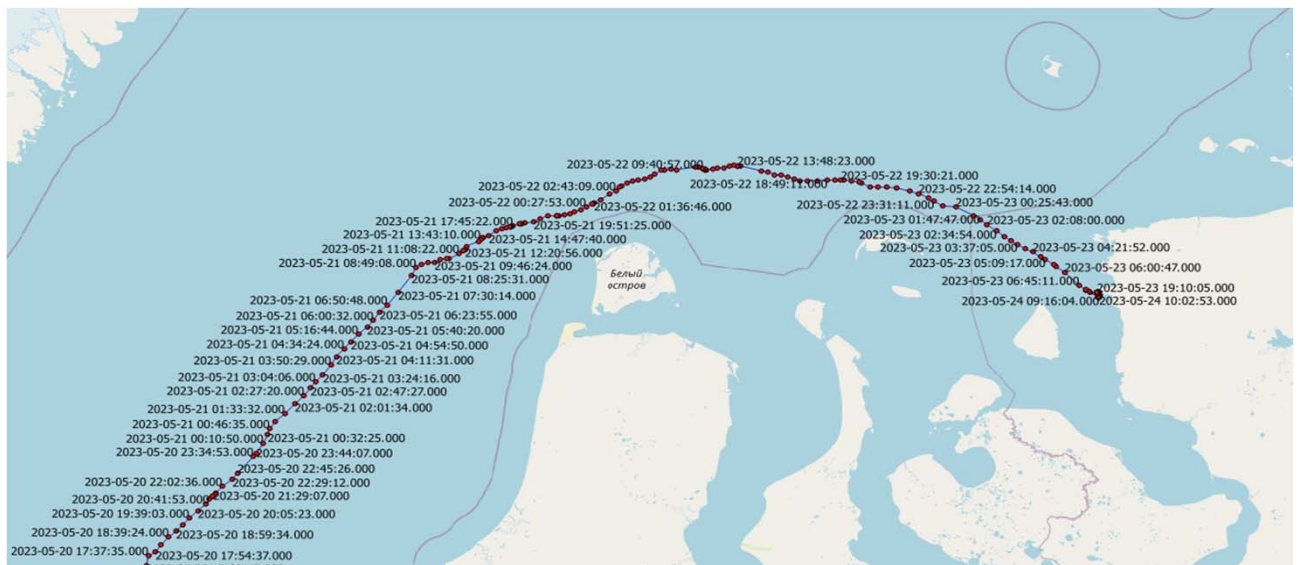
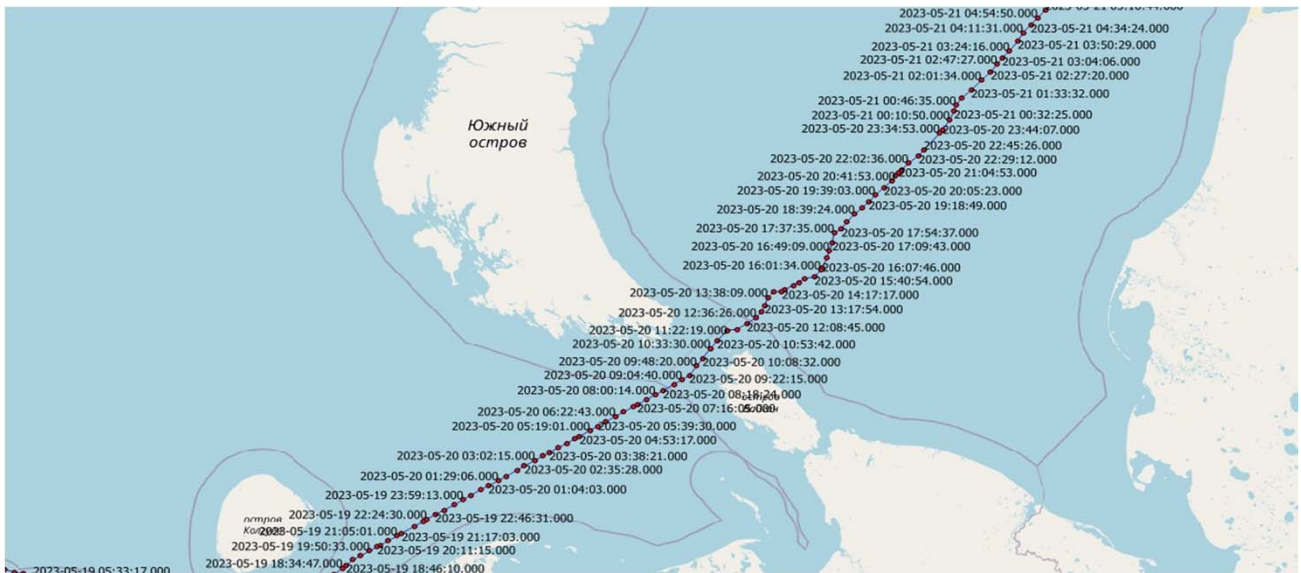
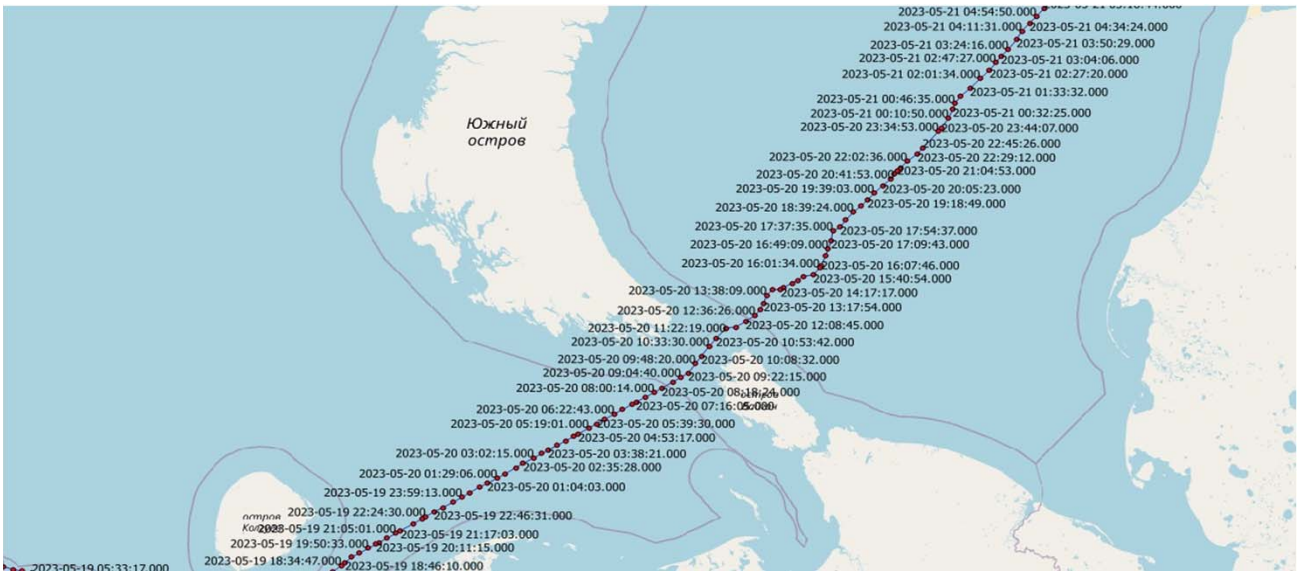
Процент потерь: $26 / (465 + 26) * 100\% = 5,3\%$

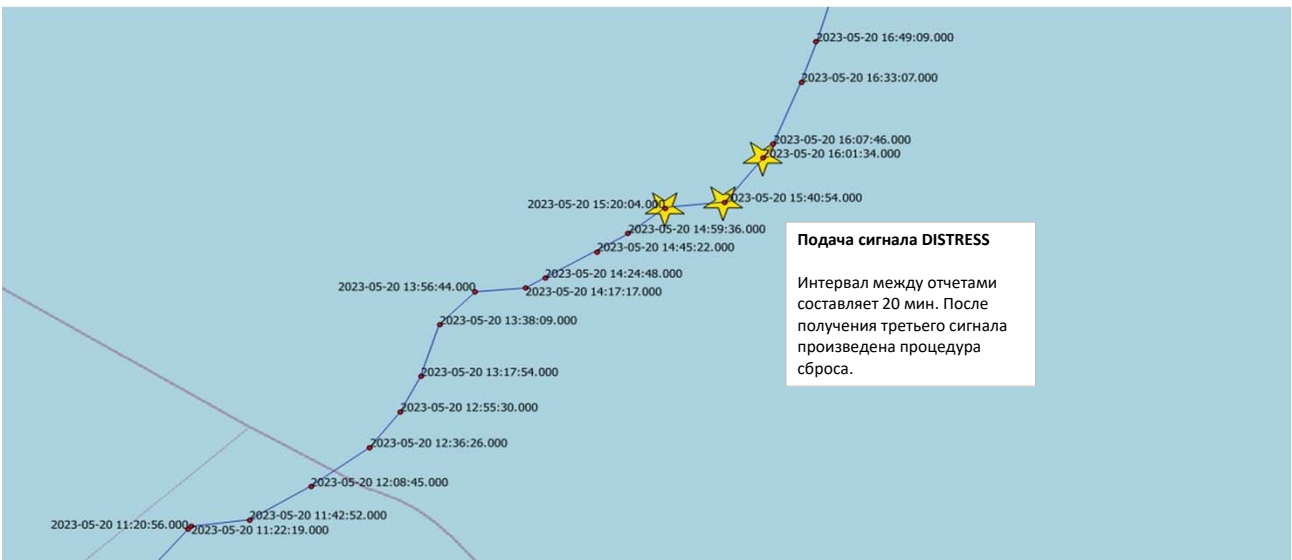
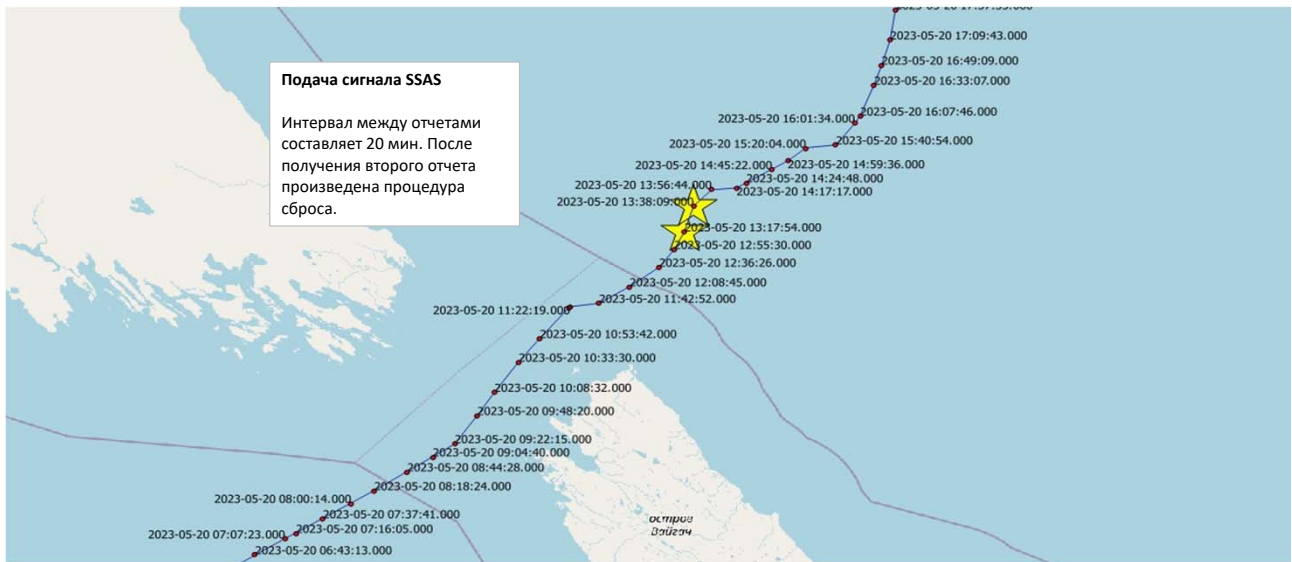
Стабильность и надежность мониторинга составляет: 94,7 %

Проведены пробные тесты по подаче "боевого" сигнала SSAS и сигнала DISTRESS из западного сектора Карского моря

Вывод: эффективность применяемого в настоящее время антенного блока недостаточна для организации стабильного мониторинга и двусторонней связи. В устройстве "Морской комплект Galileosky Base Block Iridium" процент потерь практически всегда менее 1%. Однако устройство кардинально отличается компоновкой высокочастотной части. Ставим перед собой задачу достичь показателя эффективности антенны 98% (допустимые потери должны быть в пределах 2%).







Номер точки	Широта	Долгота	Скорость, узл.	Курс, град.	Дата, UTC	Интервал между отчетами, чч:мм:сс	Количество пропущенных отчетов (грубо интервал делим на 20 мин)	Комментарий
465	73.139849	80.372801	0.00	0.00	25.05.2023 11:30	0:51:37	1	
464	73.139591	80.372543	0.00	0.00	25.05.2023 10:39	0:20:25		
463	73.139505	80.372458	0.00	0.00	25.05.2023 10:18	0:20:14		
462	73.139505	80.372372	0.00	0.00	25.05.2023 9:58	0:25:33		
461	73.139505	80.372458	0.00	0.00	25.05.2023 9:32	0:20:08		
460	73.139505	80.372458	0.00	0.00	25.05.2023 9:12	0:20:55		
459	73.139420	80.372458	0.00	0.00	25.05.2023 8:51	0:18:18		
458	73.139420	80.372458	0.00	0.00	25.05.2023 8:33	0:23:03		
457	73.139420	80.372458	0.00	0.00	25.05.2023 8:10	0:20:10		
456	73.139420	80.372372	0.00	0.00	25.05.2023 7:50	0:20:13		
455	73.139420	80.372543	0.00	0.00	25.05.2023 7:30	0:20:49		
454	73.139420	80.372372	0.00	0.00	25.05.2023 7:09	0:20:15		
453	73.139420	80.372458	0.00	0.00	25.05.2023 6:48	0:42:31	1	
452	73.139420	80.372458	0.00	0.00	25.05.2023 6:06	0:25:07		
451	73.139334	80.372458	0.00	0.00	25.05.2023 5:41	0:20:14		
450	73.139334	80.372458	0.00	0.00	25.05.2023 5:21	0:34:47		
449	73.139334	80.372458	0.00	0.00	25.05.2023 4:46	0:21:56		
448	73.139334	80.372458	0.00	0.00	25.05.2023 4:24	0:23:30		
447	73.139334	80.372543	0.00	0.00	25.05.2023 4:00	0:25:07		
446	73.139420	80.372543	0.00	0.00	25.05.2023 3:35	0:20:56		
445	73.139420	80.372458	0.00	0.00	25.05.2023 3:14	0:24:41		
444	73.139420	80.372458	0.00	0.00	25.05.2023 2:50	0:01:09		
443	73.139420	80.372458	0.00	0.00	25.05.2023 2:49	0:20:11		
442	73.139420	80.372458	0.00	0.00	25.05.2023 2:28	0:22:22		
441	73.139420	80.372543	0.00	0.00	25.05.2023 2:06	0:20:28		
440	73.139334	80.372372	0.00	0.00	25.05.2023 1:45	0:20:17		
439	73.139334	80.372458	0.00	0.00	25.05.2023 1:25	0:20:10		
438	73.139334	80.372458	0.00	0.00	25.05.2023 1:05	0:22:16		

437	73.139420	80.372458	0.00	0.00	25.05.2023 0:43	0:23:19		
436	73.139334	80.372458	0.00	0.00	25.05.2023 0:19	0:23:26		
435	73.139334	80.372372	0.00	0.00	24.05.2023 23:56	0:21:01		
434	73.139334	80.372458	0.00	0.00	24.05.2023 23:35	0:20:13		
433	73.139420	80.372458	0.00	0.00	24.05.2023 23:15	0:22:44		
432	73.139334	80.372458	0.00	0.00	24.05.2023 22:52	0:20:08		
431	73.139334	80.372458	0.00	0.00	24.05.2023 22:32	0:20:25		
430	73.139334	80.372458	0.00	0.00	24.05.2023 22:12	0:28:57		
429	73.139334	80.372372	0.00	0.00	24.05.2023 21:43	0:25:19		
428	73.139334	80.372372	0.00	0.00	24.05.2023 21:17	0:21:24		
427	73.139334	80.372372	0.00	0.00	24.05.2023 20:56	0:07:43		
426	73.139334	80.372372	0.00	0.00	24.05.2023 20:48	0:26:08		
425	73.139162	80.372715	0.00	0.00	24.05.2023 20:22	0:20:48		
424	73.139162	80.372972	0.00	0.00	24.05.2023 20:01	0:20:30		
423	73.139162	80.372972	0.00	0.00	24.05.2023 19:41	0:21:52		
422	73.139162	80.372972	0.00	0.00	24.05.2023 19:19	0:21:51		
421	73.138990	80.373058	0.00	0.00	24.05.2023 18:57	0:20:22		
420	73.138733	80.372972	0.00	0.00	24.05.2023 18:37	0:24:33		
419	73.138218	80.373144	0.00	0.00	24.05.2023 18:12	0:20:59		
418	73.137960	80.373573	0.00	0.00	24.05.2023 17:51	0:26:22		
417	73.137188	80.375290	0.00	0.00	24.05.2023 17:25	0:20:15		
416	73.136930	80.376492	0.00	0.00	24.05.2023 17:04	0:24:40		
415	73.136415	80.377092	0.00	0.00	24.05.2023 16:40	0:20:30		
414	73.135986	80.377350	0.00	0.00	24.05.2023 16:19	0:20:14		
413	73.135729	80.377178	0.00	0.00	24.05.2023 15:59	0:23:12		
412	73.135386	80.377092	0.00	0.00	24.05.2023 15:36	0:22:11		
411	73.134871	80.376835	0.00	0.00	24.05.2023 15:14	0:23:34		
410	73.133841	80.376921	0.00	353.00	24.05.2023 14:50	0:12:14		
409	73.133068	80.376577	0.00	7.00	24.05.2023 14:38	0:25:48		
408	73.131781	80.377350	0.00	344.00	24.05.2023 14:12	0:26:37		
407	73.129721	80.378122	0.00	9.00	24.05.2023 13:45	0:20:07		
406	73.128176	80.376663	0.00	0.00	24.05.2023 13:25	0:28:08		
405	73.127146	80.375290	0.00	0.00	24.05.2023 12:57	0:21:54		
404	73.124914	80.374689	0.00	5.00	24.05.2023 12:35	0:23:26		
403	73.122768	80.374603	0.00	24.00	24.05.2023 12:12	0:25:06		
402	73.121395	80.374947	0.00	10.00	24.05.2023 11:47	0:34:50		
401	73.120022	80.375719	0.00	170.00	24.05.2023 11:12	0:20:15		
400	73.120022	80.375805	0.00	0.00	24.05.2023 10:52	0:27:33		
399	73.119936	80.375977	0.00	0.00	24.05.2023 10:24	0:21:45		
398	73.119936	80.374603	0.00	79.00	24.05.2023 10:02	0:26:39		
397	73.119421	80.370483	0.00	0.00	24.05.2023 9:36	0:20:10		
396	73.117962	80.372114	0.00	1.00	24.05.2023 9:16	0:25:21		
395	73.132210	80.374346	2.70	144.00	24.05.2023 8:50	0:27:39		
394	73.126373	80.362759	0.00	37.00	24.05.2023 8:23	0:20:10		
393	73.124485	80.358381	0.00	27.00	24.05.2023 8:02	0:22:55		
392	73.122768	80.356064	0.00	11.00	24.05.2023 7:39	0:20:43		
391	73.121309	80.355549	0.00	8.00	24.05.2023 7:19	1:24:29	3	
390	73.150663	80.355721	0.00	0.00	24.05.2023 5:54	0:33:13		
389	73.150663	80.356493	0.00	0.00	24.05.2023 5:21	0:25:16		
388	73.150663	80.356579	0.00	0.00	24.05.2023 4:56	0:20:12		
387	73.150578	80.356836	0.00	0.00	24.05.2023 4:36	0:27:02		
386	73.150663	80.356750	0.00	0.00	24.05.2023 4:09	0:25:59		
385	73.150578	80.356922	0.00	0.00	24.05.2023 3:43	0:21:09		
384	73.150749	80.355978	0.00	0.00	24.05.2023 3:21	0:27:11		
383	73.150749	80.356236	0.00	0.00	24.05.2023 2:54	0:09:15		
382	73.150749	80.356064	0.00	0.00	24.05.2023 2:45	0:20:16		
381	73.150749	80.355721	0.00	0.00	24.05.2023 2:25	0:22:01		
380	73.150492	80.356665	0.00	0.00	24.05.2023 2:03	0:20:15		
379	73.150234	80.357609	0.00	0.00	24.05.2023 1:42	0:20:07		
378	73.150063	80.357952	0.00	0.00	24.05.2023 1:22	0:24:47		
377	73.149805	80.357952	0.00	0.00	24.05.2023 0:58	0:20:13		
376	73.149462	80.358124	0.00	0.00	24.05.2023 0:37	0:20:54		
375	73.149033	80.357008	0.00	0.00	24.05.2023 0:16	0:24:11		
374	73.148775	80.356064	0.00	0.00	23.05.2023 23:52	0:20:07		
373	73.148775	80.355806	0.00	0.00	23.05.2023 23:32	0:14:58		
372	73.148603	80.355549	0.00	0.00	23.05.2023 23:17	0:20:08		
371	73.148689	80.355034	0.00	0.00	23.05.2023 22:57	0:21:50		
370	73.148518	80.354948	0.00	0.00	23.05.2023 22:35	0:22:17		
369	73.148603	80.354605	0.00	0.00	23.05.2023 22:13	0:20:10		
368	73.148689	80.353661	0.00	0.00	23.05.2023 21:53	0:21:03		
367	73.148947	80.352030	0.00	0.00	23.05.2023 21:32	0:37:48		
366	73.149548	80.350914	0.00	0.00	23.05.2023 20:54	0:22:16		
365	73.149633	80.350828	0.00	0.00	23.05.2023 20:32	0:22:22		
364	73.149633	80.350914	0.00	0.00	23.05.2023 20:09	0:31:45		
363	73.150148	80.351000	0.00	141.00	23.05.2023 19:38	0:27:57		
362	73.151522	80.327740	2.70	112.00	23.05.2023 19:10	0:22:41		
361	73.150492	80.320616	0.00	0.00	23.05.2023 18:47	0:24:28		
360	73.150492	80.320616	0.00	0.00	23.05.2023 18:22	0:24:52		
359	73.150234	80.319843	0.00	0.00	23.05.2023 17:58	0:21:20		
358	73.150234	80.320787	0.00	0.00	23.05.2023 17:36	0:26:08		
357	73.150320	80.320702	0.00	0.00	23.05.2023 17:10	0:20:48		
356	73.150320	80.320444	0.00	0.00	23.05.2023 16:49	0:21:30		
355	73.150320	80.320444	0.00	0.00	23.05.2023 16:28	0:21:11		
354	73.150320	80.320272	0.00	0.00	23.05.2023 16:07	0:20:10		
353	73.150320	80.320187	0.00	0.00	23.05.2023 15:46	0:22:39		
352	73.150663	80.321646	0.00	0.00	23.05.2023 15:24	0:20:30		
351	73.150578	80.321817	0.00	0.00	23.05.2023 15:03	0:24:49		

350	73.150320	80.320616	0.00	0.00	23.05.2023 14:38	0:28:47		
349	73.150148	80.319843	0.00	0.00	23.05.2023 14:10	0:20:10		
348	73.149719	80.319242	0.00	0.00	23.05.2023 13:50	0:26:54		
347	73.149719	80.319929	0.00	0.00	23.05.2023 13:23	0:20:30		
346	73.149891	80.319929	0.00	0.00	23.05.2023 13:02	0:20:15		
345	73.149891	80.319414	0.00	0.00	23.05.2023 12:42	0:24:09		
344	73.149891	80.319242	0.00	0.00	23.05.2023 12:18	0:44:37	1	
343	73.149462	80.319242	0.00	0.00	23.05.2023 11:33	0:09:25		
342	73.149462	80.319071	0.00	0.00	23.05.2023 11:24	0:25:57		
341	73.149548	80.319242	0.00	0.00	23.05.2023 10:58	0:28:21		
340	73.149633	80.319414	0.00	0.00	23.05.2023 10:29	0:20:48		
339	73.149204	80.319157	0.00	336.00	23.05.2023 10:09	0:25:25		
338	73.148775	80.319500	0.00	0.00	23.05.2023 9:43	0:20:27		
337	73.149290	80.318899	0.00	0.00	23.05.2023 9:23	0:23:04		
336	73.149376	80.321903	1.08	45.00	23.05.2023 9:00	0:21:14		
335	73.149805	80.196934	6.48	134.00	23.05.2023 8:38	0:20:16		
334	73.156843	80.163717	0.00	153.00	23.05.2023 8:18	0:21:04		
333	73.158560	80.161743	0.54	137.00	23.05.2023 7:57	0:22:02		
332	73.167400	80.104752	0.54	102.00	23.05.2023 7:35	0:22:05		
331	73.169203	80.103550	0.00	167.00	23.05.2023 7:13	0:28:18		
330	73.197269	79.962444	10.80	128.00	23.05.2023 6:45	0:44:24	1	
329	73.284645	79.660921	10.26	120.00	23.05.2023 6:00	0:22:12		
328	73.321381	79.490376	8.10	129.00	23.05.2023 5:38	0:09:10		
327	73.335972	79.431667	10.26	127.00	23.05.2023 5:29	0:20:08		
326	73.367300	79.270306	8.64	110.00	23.05.2023 5:09	0:20:51		
325	73.384552	79.164906	2.16	117.00	23.05.2023 4:48	0:26:34		
324	73.415880	79.001913	4.86	99.00	23.05.2023 4:21	0:22:12		
323	73.437767	78.855228	9.72	117.00	23.05.2023 3:59	0:22:35		
322	73.466606	78.693352	5.94	115.00	23.05.2023 3:37	0:20:25		
321	73.487892	78.563232	8.64	127.00	23.05.2023 3:16	0:21:28		
320	73.516045	78.424444	12.42	122.00	23.05.2023 2:55	0:20:18		
319	73.550806	78.264456	10.80	124.00	23.05.2023 2:34	0:26:54		
318	73.591833	78.070135	7.56	122.00	23.05.2023 2:08	0:20:13		
317	73.624020	77.924309	6.48	122.00	23.05.2023 1:47	0:23:35		
316	73.652344	77.782946	9.72	125.00	23.05.2023 1:24	0:58:29	2	
315	73.705730	77.421942	5.94	89.00	23.05.2023 0:25	0:33:13		
314	73.712597	77.156553	9.72	92.00	22.05.2023 23:52	0:21:19		
313	73.742380	76.980944	9.72	126.00	22.05.2023 23:31	0:12:19		
312	73.763666	76.869879	11.34	120.00	22.05.2023 23:18	0:24:38		
311	73.791819	76.663370	10.26	108.00	22.05.2023 22:54	0:20:25		
310	73.805981	76.479177	9.72	102.00	22.05.2023 22:33	0:29:54		
309	73.828125	76.207781	8.10	107.00	22.05.2023 22:03	0:24:36		
308	73.830614	76.011572	8.64	91.00	22.05.2023 21:39	0:20:37		
307	73.832932	75.828838	6.48	90.00	22.05.2023 21:18	0:18:27		
306	73.834734	75.663872	8.64	98.00	22.05.2023 21:00	0:20:40		
305	73.855247	75.494099	10.80	120.00	22.05.2023 20:39	0:04:40		
304	73.861771	75.453415	9.72	118.00	22.05.2023 20:34	0:21:50		
303	73.871469	75.283728	10.26	89.00	22.05.2023 20:13	0:20:10		
302	73.875074	75.128460	5.40	80.00	22.05.2023 19:52	0:22:34		
301	73.876019	75.065804	3.78	88.00	22.05.2023 19:30	0:20:56		
300	73.877478	74.946842	8.64	87.00	22.05.2023 19:09	0:20:14		
299	73.874044	74.789343	5.40	65.00	22.05.2023 18:49	0:20:45		
298	73.872929	74.585667	10.26	96.00	22.05.2023 18:28	0:21:31		
297	73.873186	74.378386	7.02	74.00	22.05.2023 18:06	0:20:54		
296	73.873615	74.224663	8.10	94.00	22.05.2023 17:46	0:20:18		
295	73.880911	74.112053	0.54	298.00	22.05.2023 17:25	0:20:40		
294	73.895588	73.983908	8.10	125.00	22.05.2023 17:05	0:21:41		
293	73.905802	73.848038	2.70	83.00	22.05.2023 16:43	0:20:05		
292	73.910608	73.708048	7.02	114.00	22.05.2023 16:23	0:20:15		
291	73.926487	73.567972	5.94	110.00	22.05.2023 16:03	0:20:08		
290	73.934126	73.429699	7.56	107.00	22.05.2023 15:42	0:53:51	1	
289	73.967085	72.999945	1.08	96.00	22.05.2023 14:49	0:34:37		
288	73.967428	72.947416	0.00	92.00	22.05.2023 14:14	0:26:03		
287	73.967428	72.940979	0.00	86.00	22.05.2023 13:48	0:20:26		
286	73.967428	72.936258	0.00	0.00	22.05.2023 13:27	0:21:43		
285	73.969402	72.865963	10.26	93.00	22.05.2023 13:06	0:21:16		
284	73.962364	72.775326	0.54	82.00	22.05.2023 12:44	0:24:11		
283	73.954811	72.654047	1.62	85.00	22.05.2023 12:20	0:21:10		
282	73.954897	72.529421	4.86	79.00	22.05.2023 11:59	0:21:23		
281	73.946829	72.427025	4.86	74.00	22.05.2023 11:38	0:24:55		
280	73.940992	72.305918	0.00	0.00	22.05.2023 11:13	0:27:34		
279	73.942366	72.283258	1.08	265.00	22.05.2023 10:45	0:21:12		
278	73.943396	72.274675	0.54	261.00	22.05.2023 10:24	0:20:50		
277	73.944511	72.279310	0.54	115.00	22.05.2023 10:03	0:22:46		
276	73.946486	72.239485	0.00	131.00	22.05.2023 9:40	0:20:42		
275	73.950863	72.204037	2.70	125.00	22.05.2023 9:20	0:18:44		
274	73.957815	72.143440	5.94	116.00	22.05.2023 9:01	0:24:56		
273	73.958931	72.069626	5.40	87.00	22.05.2023 8:36	1:13:53	3	
272	73.942022	71.685705	3.78	106.00	22.05.2023 7:22	0:35:53		
271	73.943996	71.574125	7.56	86.00	22.05.2023 6:46	0:30:04		
270	73.937817	71.449585	4.32	92.00	22.05.2023 6:16	0:24:32		
269	73.936701	71.374826	5.94	77.00	22.05.2023 5:52	0:27:42		
268	73.913612	71.249170	7.56	42.00	22.05.2023 5:24	0:20:08		
267	73.893700	71.156559	7.56	53.00	22.05.2023 5:04	0:24:24		
266	73.879967	71.032877	2.70	86.00	22.05.2023 4:39	0:20:09		
265	73.876276	70.905590	2.70	74.00	22.05.2023 4:19	0:20:27		
264	73.867607	70.793924	3.78	76.00	22.05.2023 3:59	0:21:58		

263	73.858509	70.674963	5.94	74.00	22.05.2023 3:37	0:20:47		
262	73.839369	70.552998	7.02	58.00	22.05.2023 3:16	0:09:17		
261	73.830442	70.514202	4.86	43.00	22.05.2023 3:07	0:24:12		
260	73.807955	70.442963	0.54	231.00	22.05.2023 2:43	0:20:52		
259	73.786755	70.315676	9.18	64.00	22.05.2023 2:22	0:25:00		
258	73.753538	70.122900	8.64	51.00	22.05.2023 1:57	0:20:31		
257	73.730364	69.996986	5.94	65.00	22.05.2023 1:36	0:26:47		
256	73.727360	69.982910	0.00	310.00	22.05.2023 1:09	0:20:37		
255	73.723669	69.955187	6.48	71.00	22.05.2023 0:49	0:21:29		
254	73.706245	69.830217	2.70	61.00	22.05.2023 0:27	0:24:12		
253	73.687620	69.729795	6.48	78.00	22.05.2023 0:03	0:22:40		
252	73.676548	69.597187	5.94	62.00	21.05.2023 23:41	0:20:45		
251	73.665133	69.498997	4.86	89.00	21.05.2023 23:20	0:20:11		
250	73.657665	69.386215	4.86	89.00	21.05.2023 23:00	0:21:32		
249	73.648653	69.280128	4.86	67.00	21.05.2023 22:38	0:34:12		
248	73.647108	69.219704	0.00	0.00	21.05.2023 22:04	0:26:17		
247	73.647966	69.222708	0.00	0.00	21.05.2023 21:38	0:20:13		
246	73.648653	69.240475	2.16	263.00	21.05.2023 21:17	0:14:13		
245	73.649168	69.240046	2.16	90.00	21.05.2023 21:03	0:31:05		
244	73.650799	69.044352	8.10	86.00	21.05.2023 20:32	0:20:40		
243	73.628311	68.884192	8.64	67.00	21.05.2023 20:11	0:20:28		
242	73.611059	68.755960	0.00	90.00	21.05.2023 19:51	0:21:22		
241	73.602133	68.580952	8.10	79.00	21.05.2023 19:30	0:22:21		
240	73.597069	68.499155	1.08	249.00	21.05.2023 19:07	0:20:25		
239	73.596983	68.495378	0.54	242.00	21.05.2023 18:47	0:20:22		
238	73.597069	68.488598	0.00	0.00	21.05.2023 18:26	0:20:12		
237	73.596125	68.470573	1.62	73.00	21.05.2023 18:06	0:21:21		
236	73.584280	68.329468	1.08	73.00	21.05.2023 17:45	0:20:52		
235	73.581448	68.300114	0.00	75.00	21.05.2023 17:24	0:20:35		
234	73.578358	68.276768	0.00	76.00	21.05.2023 17:03	0:27:23		
233	73.578272	68.270502	0.54	227.00	21.05.2023 16:36	0:20:10		
232	73.576384	68.247671	0.00	86.00	21.05.2023 16:16	0:23:05		
231	73.571148	68.183126	0.00	80.00	21.05.2023 15:53	0:21:32		
230	73.566513	68.103647	5.94	80.00	21.05.2023 15:31	0:17:33		
229	73.553553	67.975931	10.80	64.00	21.05.2023 15:14	0:26:32		
228	73.521709	67.835169	3.78	57.00	21.05.2023 14:47	0:21:28		
227	73.507805	67.713289	3.24	62.00	21.05.2023 14:26	0:22:48		
226	73.507290	67.703590	0.00	87.00	21.05.2023 14:03	0:20:14		
225	73.498964	67.664623	2.16	46.00	21.05.2023 13:43	0:20:32		
224	73.484201	67.614756	1.08	57.00	21.05.2023 13:22	0:36:52		
223	73.453903	67.381210	8.10	23.00	21.05.2023 12:45	0:24:50		
222	73.432875	67.344904	0.54	71.00	21.05.2023 12:20	0:24:58		
221	73.422747	67.303534	8.64	54.00	21.05.2023 11:55	0:21:25		
220	73.423605	67.300529	0.00	112.00	21.05.2023 11:34	0:26:11		
219	73.405838	67.225771	5.94	44.00	21.05.2023 11:08	0:28:33		
218	73.371248	67.026129	8.10	112.00	21.05.2023 10:39	0:09:53		
217	73.375626	66.960297	9.18	81.00	21.05.2023 10:29	0:20:11		
216	73.366270	66.840992	8.10	55.00	21.05.2023 10:09	0:23:21		
215	73.348417	66.719198	5.94	75.00	21.05.2023 9:46	0:20:10		
214	73.347044	66.584616	7.56	101.00	21.05.2023 9:26	0:20:45		
213	73.336229	66.442909	8.64	24.00	21.05.2023 9:05	0:16:21		
212	73.314085	66.339912	7.56	65.00	21.05.2023 8:49	0:23:37		
211	73.261900	66.246529	8.10	17.00	21.05.2023 8:25	0:55:17	1	
210	73.152466	65.972214	10.26	34.00	21.05.2023 7:30	0:39:26	1	
209	73.069468	65.750513	9.18	47.00	21.05.2023 6:50	0:26:53		
208	73.024149	65.589666	9.18	37.00	21.05.2023 6:23	0:23:23		
207	72.965527	65.464010	10.26	28.00	21.05.2023 6:00	0:20:12		
206	72.921839	65.333548	11.34	43.00	21.05.2023 5:40	0:23:36		
205	72.872486	65.151672	10.26	61.00	21.05.2023 5:16	0:21:54		
204	72.822962	64.998293	10.80	34.00	21.05.2023 4:54	0:20:26		
203	72.776012	64.858732	10.80	44.00	21.05.2023 4:34	0:22:53		
202	72.723055	64.700460	10.80	34.00	21.05.2023 4:11	0:21:02		
201	72.665377	64.593258	11.34	37.00	21.05.2023 3:50	0:26:13		
200	72.598944	64.425974	11.34	47.00	21.05.2023 3:24	0:20:10		
199	72.553196	64.273624	10.80	41.00	21.05.2023 3:04	0:16:39		
198	72.510109	64.172173	10.80	31.00	21.05.2023 2:47	0:20:07		
197	72.458611	64.041967	11.34	44.00	21.05.2023 2:27	0:25:46		
196	72.399988	63.846102	12.96	43.00	21.05.2023 2:01	0:28:02		
195	72.333641	63.640194	10.80	44.00	21.05.2023 1:33	0:26:46		
194	72.278194	63.445530	10.26	45.00	21.05.2023 1:06	0:20:11		
193	72.229013	63.331890	10.80	21.00	21.05.2023 0:46	0:14:10		
192	72.189617	63.292665	11.34	8.00	21.05.2023 0:32	0:21:35		
191	72.128334	63.203058	10.80	30.00	21.05.2023 0:10	0:26:43		
190	72.057953	63.055859	11.34	35.00	20.05.2023 23:44	0:09:14		
189	72.035036	62.998610	10.26	34.00	20.05.2023 23:34	0:49:27	1	
188	71.917620	62.669449	10.80	40.00	20.05.2023 22:45	0:16:14		
187	71.876507	62.568769	11.34	41.00	20.05.2023 22:29	0:26:36		
186	71.824322	62.355909	10.80	49.00	20.05.2023 22:02	0:21:12		
185	71.778402	62.223816	10.80	34.00	20.05.2023 21:41	0:12:17		
184	71.756859	62.168798	1.08	49.00	20.05.2023 21:29	0:24:14		
183	71.757288	62.160902	0.00	112.00	20.05.2023 21:04	0:23:00		
182	71.732483	62.092152	8.64	41.00	20.05.2023 20:41	0:13:31		
181	71.698837	62.018423	11.34	51.00	20.05.2023 20:28	0:22:59		
180	71.653862	61.857147	10.80	53.00	20.05.2023 20:05	0:26:20		
179	71.598072	61.678619	11.34	43.00	20.05.2023 19:39	0:20:14		
178	71.549234	61.545582	11.34	48.00	20.05.2023 19:18	0:19:15		
177	71.505375	61.410055	11.34	39.00	20.05.2023 18:59	0:20:10		

176	71.463318	61.260881	11.34	50.00	20.05.2023 18:39	0:24:36	
175	71.406069	61.099091	11.34	35.00	20.05.2023 18:14	0:20:11	
174	71.353884	60.990429	11.34	61.00	20.05.2023 17:54	0:17:02	
173	71.327362	60.839624	11.34	52.00	20.05.2023 17:37	0:27:52	
172	71.255436	60.802717	9.18	342.00	20.05.2023 17:09	0:20:34	
171	71.195526	60.744009	10.80	18.00	20.05.2023 16:49	0:16:02	
170	71.147461	60.694141	11.34	16.00	20.05.2023 16:33	0:25:21	
169	71.073046	60.600758	11.34	34.00	20.05.2023 16:07	0:06:12	
168	71.056309	60.565739	11.34	510.00	20.05.2023 16:01	0:20:40	Сигнал DISTRESS
167	71.003265	60.437765	11.34	510.00	20.05.2023 15:40	0:20:50	Сигнал DISTRESS
166	70.995455	60.238380	10.80	510.00	20.05.2023 15:20	0:20:28	Сигнал DISTRESS
165	70.965414	60.114870	10.80	19.00	20.05.2023 14:59	0:14:14	
164	70.943527	60.010586	10.80	70.00	20.05.2023 14:45	0:20:34	
163	70.911598	59.836779	11.34	63.00	20.05.2023 14:24	0:07:31	
162	70.899668	59.771633	11.34	58.00	20.05.2023 14:17	0:20:33	
161	70.895634	59.604950	11.34	88.00	20.05.2023 13:56	0:18:35	
160	70.854864	59.484444	11.88	440.00	20.05.2023 13:38	0:20:15	Сигнал SSAS
159	70.792036	59.421959	11.34	439.00	20.05.2023 13:17	0:22:24	Сигнал SSAS
158	70.749035	59.353981	10.26	34.00	20.05.2023 12:55	0:19:04	
157	70.705519	59.251842	10.26	44.00	20.05.2023 12:36	0:27:41	
156	70.657282	59.053831	10.26	57.00	20.05.2023 12:08	0:25:53	
155	70.616770	58.848438	11.88	90.00	20.05.2023 11:42	0:20:33	
154	70.608702	58.654203	11.88	44.00	20.05.2023 11:22	0:01:23	
153	70.605268	58.644676	11.88	43.00	20.05.2023 11:20	0:27:14	
152	70.529652	58.451128	14.04	40.00	20.05.2023 10:53	0:20:12	
151	70.471029	58.310194	13.50	37.00	20.05.2023 10:33	0:24:58	
150	70.396099	58.147116	11.88	35.00	20.05.2023 10:08	0:20:12	
149	70.338078	58.032446	11.88	31.00	20.05.2023 9:48	0:26:05	
148	70.267696	57.879753	11.88	54.00	20.05.2023 9:22	0:17:35	
147	70.234480	57.732468	11.88	56.00	20.05.2023 9:04	0:20:12	
146	70.196800	57.561579	11.88	58.00	20.05.2023 8:44	0:26:04	
145	70.149336	57.340221	11.88	58.00	20.05.2023 8:18	0:18:10	
144	70.117321	57.186499	11.88	57.00	20.05.2023 8:00	0:22:33	
143	70.078526	56.996040	11.88	58.00	20.05.2023 7:37	0:21:36	
142	70.041533	56.815624	11.88	61.00	20.05.2023 7:16	0:08:42	
141	70.027199	56.742325	11.88	61.00	20.05.2023 7:07	0:24:10	
140	69.987030	56.540537	11.88	59.00	20.05.2023 6:43	0:20:30	
139	69.952097	56.369820	11.88	59.00	20.05.2023 6:22	0:24:20	
138	69.908667	56.170435	11.88	58.00	20.05.2023 5:58	0:18:53	
137	69.875364	56.014395	11.88	57.00	20.05.2023 5:39	0:20:29	
136	69.839573	55.847368	11.88	58.00	20.05.2023 5:19	0:25:44	
135	69.795284	55.636053	11.88	60.00	20.05.2023 4:53	0:11:32	
134	69.776058	55.540781	11.88	59.00	20.05.2023 4:41	0:20:09	
133	69.742327	55.373926	11.88	58.00	20.05.2023 4:21	0:20:45	
132	69.707136	55.203209	11.88	59.00	20.05.2023 4:00	0:22:30	
131	69.668856	55.017471	11.88	59.00	20.05.2023 3:38	0:15:16	
130	69.642935	54.892931	11.34	58.00	20.05.2023 3:23	0:20:50	
129	69.608173	54.724274	11.34	62.00	20.05.2023 3:02	0:26:47	
128	69.563284	54.508152	11.88	58.00	20.05.2023 2:35	0:19:08	
127	69.529552	54.355717	11.34	56.00	20.05.2023 2:16	0:26:57	
126	69.481916	54.141998	11.88	58.00	20.05.2023 1:49	0:20:17	
125	69.446898	53.975916	11.88	59.00	20.05.2023 1:29	0:25:03	
124	69.405956	53.772840	11.34	61.00	20.05.2023 1:04	0:20:20	
123	69.373941	53.608475	11.88	58.00	20.05.2023 0:43	0:24:19	
122	69.331026	53.415184	11.34	59.00	20.05.2023 0:19	0:20:11	
121	69.295492	53.257599	11.34	58.00	19.05.2023 23:59	0:24:36	
120	69.253263	53.068342	11.34	60.00	19.05.2023 23:34	0:25:53	
119	69.212065	52.860632	11.34	59.00	19.05.2023 23:08	0:22:13	
118	69.176531	52.683392	11.34	60.00	19.05.2023 22:46	0:22:01	
117	69.138422	52.514477	11.34	55.00	19.05.2023 22:24	0:09:05	
116	69.122629	52.444525	11.34	55.00	19.05.2023 22:15	0:22:45	
115	69.084005	52.270975	11.34	57.00	19.05.2023 21:52	0:35:37	
114	69.024525	52.000265	11.34	59.00	19.05.2023 21:17	0:12:02	
113	69.004269	51.908340	11.34	59.00	19.05.2023 21:05	0:24:44	
112	68.963757	51.720972	11.34	57.00	19.05.2023 20:40	0:21:39	
111	68.928652	51.557121	11.34	61.00	19.05.2023 20:18	0:07:23	
110	68.916721	51.500902	11.34	60.00	19.05.2023 20:11	0:20:42	
109	68.881874	51.344261	11.34	58.00	19.05.2023 19:50	0:23:29	
108	68.843679	51.164017	11.34	61.00	19.05.2023 19:27	0:20:43	
107	68.809175	51.006346	11.34	56.00	19.05.2023 19:06	0:20:11	
106	68.766260	50.867558	11.88	48.00	19.05.2023 18:46	0:11:23	
105	68.741369	50.789709	11.88	48.00	19.05.2023 18:34	0:25:12	
104	68.686266	50.615301	11.88	49.00	19.05.2023 18:09	0:24:35	
103	68.632622	50.439348	11.88	50.00	19.05.2023 17:45	0:21:05	
102	68.586359	50.290689	11.88	50.00	19.05.2023 17:23	0:21:15	
101	68.540096	50.139198	11.88	49.00	19.05.2023 17:02	0:28:06	
100	68.477697	49.941788	11.88	48.00	19.05.2023 16:34	0:18:15	
99	68.437099	49.815016	11.88	48.00	19.05.2023 16:16	0:21:16	
98	68.388691	49.673996	11.88	46.00	19.05.2023 15:55	0:21:35	
97	68.334360	49.546709	11.34	37.00	19.05.2023 15:33	0:09:40	
96	68.309212	49.494352	11.34	36.00	19.05.2023 15:23	0:24:42	
95	68.254967	49.346981	11.88	90.00	19.05.2023 14:59	0:20:12	
94	68.254623	49.165449	12.42	88.00	19.05.2023 14:38	0:20:37	
93	68.254709	48.983402	11.34	90.00	19.05.2023 14:18	0:15:52	
92	68.254881	48.842640	11.88	88.00	19.05.2023 14:02	0:27:58	
91	68.254967	48.595963	10.80	89.00	19.05.2023 13:34	0:20:12	
90	68.255739	48.423615	11.34	90.00	19.05.2023 13:14	0:28:20	

89	68.257627	48.186550	10.80	88.00	19.05.2023 12:45	0:23:46		
88	68.258657	47.998323	10.26	85.00	19.05.2023 12:22	0:27:09		
87	68.257027	47.787094	10.26	86.00	19.05.2023 11:55	0:26:45		
86	68.257284	47.570801	10.26	92.00	19.05.2023 11:28	0:20:51		
85	68.256168	47.402744	10.80	84.00	19.05.2023 11:07	0:08:00		
84	68.254795	47.338543	10.26	84.00	19.05.2023 10:59	0:26:58		
83	68.253336	47.115297	10.80	86.00	19.05.2023 10:32	0:21:32		
82	68.269901	46.943035	12.42	128.00	19.05.2023 10:10	0:23:53		
81	68.328180	46.768284	12.96	129.00	19.05.2023 9:47	1:03:14	2	
80	68.476753	46.233988	14.04	123.00	19.05.2023 8:43	1:09:43	2	
79	68.583527	45.574379	12.96	104.00	19.05.2023 7:34	0:20:24		
78	68.601122	45.375767	12.42	106.00	19.05.2023 7:13	0:16:09		
77	68.614340	45.221615	12.42	108.00	19.05.2023 6:57	0:20:12		
76	68.630390	45.032358	12.42	102.00	19.05.2023 6:37	0:23:23		
75	68.648157	44.820099	11.88	101.00	19.05.2023 6:13	0:20:17		
74	68.663263	44.640884	11.34	103.00	19.05.2023 5:53	0:20:22		
73	68.678026	44.463558	11.34	106.00	19.05.2023 5:33	0:24:10		
72	68.694849	44.257050	10.80	98.00	19.05.2023 5:09	0:21:03		
71	68.710041	44.079123	11.34	107.00	19.05.2023 4:48	0:23:35		
70	68.732271	43.883429	11.34	109.00	19.05.2023 4:24	0:25:53		
69	68.754416	43.667736	10.80	106.00	19.05.2023 3:58	0:12:47		
68	68.764544	43.563194	10.80	105.00	19.05.2023 3:45	0:26:18		
67	68.787632	43.342266	10.80	112.00	19.05.2023 3:19	0:20:42		
66	68.804026	43.171120	7.56	101.00	19.05.2023 2:58	0:16:59		
65	68.764973	43.103228	9.18	26.00	19.05.2023 2:41	0:20:12		
64	68.714075	43.023920	10.26	25.00	19.05.2023 2:21	0:22:59		
63	68.656569	42.944613	9.18	22.00	19.05.2023 1:58	0:20:14		
62	68.605843	42.878437	10.26	22.00	19.05.2023 1:38	0:20:32		
61	68.552284	42.812004	10.26	26.00	19.05.2023 1:17	0:17:46		
60	68.506536	42.755871	10.80	25.00	19.05.2023 1:00	0:24:30		
59	68.440704	42.680769	10.26	21.00	19.05.2023 0:35	0:26:32		
58	68.368950	42.592363	11.34	35.00	19.05.2023 0:09	0:07:55		
57	68.347750	42.561722	10.80	29.00	19.05.2023 0:01	0:24:35		
56	68.279171	42.468510	10.80	24.00	18.05.2023 23:36	0:25:28		
55	68.204756	42.374525	11.34	24.00	18.05.2023 23:11	0:30:30		
54	68.115664	42.267666	10.80	24.00	18.05.2023 22:40	1:02:10	2	
53	67.944603	42.039013	10.80	26.00	18.05.2023 21:38	0:27:53		
52	67.869759	41.952324	10.26	26.00	18.05.2023 21:10	0:20:42		
51	67.813797	41.879539	10.80	25.00	18.05.2023 20:49	0:18:54		
50	67.763071	41.815510	10.26	23.00	18.05.2023 20:30	0:24:53		
49	67.698183	41.735172	10.26	25.00	18.05.2023 20:06	0:20:11		
48	67.645826	41.673203	10.26	23.00	18.05.2023 19:45	0:16:18		
47	67.603254	41.621790	10.26	26.00	18.05.2023 19:29	0:20:23		
46	67.550726	41.558104	9.72	24.00	18.05.2023 19:09	0:34:47		
45	67.467813	41.458712	9.18	26.00	18.05.2023 18:34	0:58:29	2	
44	67.315893	41.505747	9.72	348.00	18.05.2023 17:35	0:28:31		
43	67.235298	41.545401	10.26	348.00	18.05.2023 17:07	0:27:21		
42	67.151785	41.591406	11.34	346.00	18.05.2023 16:40	0:22:56		
41	67.076082	41.630030	12.42	349.00	18.05.2023 16:17	0:25:40		
40	66.986990	41.678782	12.96	347.00	18.05.2023 15:51	0:20:09		
39	66.917639	41.633720	13.50	32.00	18.05.2023 15:31	0:20:09		
38	66.852579	41.528406	13.50	32.00	18.05.2023 15:11	0:27:21		
37	66.761684	41.385326	14.04	29.00	18.05.2023 14:43	0:20:15		
36	66.694994	41.284389	12.96	32.00	18.05.2023 14:23	0:24:33		
35	66.616888	41.160707	12.96	30.00	18.05.2023 13:59	0:21:50		
34	66.550713	41.056595	12.42	32.00	18.05.2023 13:37	0:28:16		
33	66.468573	40.925617	11.88	31.00	18.05.2023 13:08	0:20:32		
32	66.412783	40.831890	11.34	33.00	18.05.2023 12:48	0:22:31		
31	66.353045	40.735502	10.80	30.00	18.05.2023 12:25	0:25:12		
30	66.289186	40.633278	10.26	33.00	18.05.2023 12:00	0:20:14		
29	66.243010	40.553455	9.18	43.00	18.05.2023 11:40	0:20:20		
28	66.194944	40.477667	10.26	31.00	18.05.2023 11:20	0:24:29		
27	66.135292	40.393124	9.18	29.00	18.05.2023 10:55	0:20:14		
26	66.091948	40.323172	9.18	36.00	18.05.2023 10:35	0:23:56		
25	66.038904	40.238113	8.64	29.00	18.05.2023 10:11	0:20:15		
24	65.993242	40.171680	9.18	31.00	18.05.2023 9:51	0:26:13		
23	65.933504	40.082159	9.72	32.00	18.05.2023 9:25	0:27:27		
22	65.869389	39.979248	9.72	32.00	18.05.2023 8:57	0:23:32		
21	65.812225	39.890413	10.80	34.00	18.05.2023 8:34	0:37:09		
20	65.717554	39.740295	10.80	30.00	18.05.2023 7:56	0:00:44		
19	65.715580	39.737635	10.80	29.00	18.05.2023 7:56	0:23:06		
18	65.653954	39.649744	11.88	31.00	18.05.2023 7:33	0:20:34		
17	65.593185	39.576359	11.88	9.00	18.05.2023 7:12	0:27:10		
16	65.499201	39.553871	12.42	4.00	18.05.2023 6:45	0:24:02		
15	65.413628	39.537306	12.42	4.00	18.05.2023 6:21	0:09:23		
14	65.381613	39.532413	11.88	1.00	18.05.2023 6:11	0:29:38		
13	65.295010	39.609833	11.88	328.00	18.05.2023 5:42	0:27:02		
12	65.217848	39.728107	12.42	326.00	18.05.2023 5:15	0:08:18		
11	65.193043	39.765873	12.42	327.00	18.05.2023 5:06	0:21:34		
10	65.129356	39.861660	12.42	327.00	18.05.2023 4:45	0:22:46		
9	65.064726	39.954872	11.88	331.00	18.05.2023 4:22	0:21:15		
8	65.004988	40.038128	11.88	339.00	18.05.2023 4:01	0:26:41		
7	64.939928	40.102673	7.56	321.00	18.05.2023 3:34	0:36:57		
6	64.843369	40.274076	12.42	317.00	18.05.2023 2:57	0:21:32		
5	64.789209	40.384026	11.34	326.00	18.05.2023 2:36	0:23:00		
4	64.746552	40.496292	9.18	341.00	18.05.2023 2:13	0:20:15		
3	64.706554	40.496120	6.48	44.00	18.05.2023 1:52	0:25:43		

2	64.665527	40.504704	7.56	298.00	18.05.2023 1:27	1:02:00	2	
1	64.554548	40.492601	9.18	14.00	18.05.2023 0:25			

Итого пропущенных отчетов:

26