

2022 Moonburn Appendix A

4-courses

2022 Moonburn – Pursuit Start Times First Warning: 19:55:00

			ID:	4-1	4-2	4-3	4-5	4-6	4-7	4-9
			Distance:	4.48	5.44	7.08	9	9.92	10.88	15.36
PHRF Rating	# Active Boats	Non-Spin?	PHRF + NonSpin	4 - 7 - f	4 - D - f	4 - 6 - 4 - 7 - f	4 - 7 - 4 - 7 - f	4 - D - 4 - 7 - f	4 - D - 4 - D - f	4 - D - 4 - D - 4 - 7 - f
270	14	9	279	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00
264	47	9	273	19:34:47	20:00:33	20:00:42	20:00:54	20:01:00	20:01:05	20:01:32
270	14		270	19:35:00	20:00:49	20:01:04	20:01:21	20:01:29	20:01:38	20:02:18
264	47		264	19:35:27	20:01:22	20:01:46	20:02:15	20:02:29	20:02:43	20:03:50
252	15	9	261	19:35:40	20:01:38	20:02:07	20:02:42	20:02:59	20:03:16	20:04:36
249	1	9	258	19:35:54	20:01:54	20:02:29	20:03:09	20:03:28	20:03:48	20:05:23
246	5	9	255	19:36:07	20:02:11	20:02:50	20:03:36	20:03:58	20:04:21	20:06:09
252	15		252	19:36:21	20:02:27	20:03:11	20:04:03	20:04:28	20:04:54	20:06:55
243	1	9	252	19:36:21	20:02:27	20:03:11	20:04:03	20:04:28	20:04:54	20:06:55
249	1		249	19:36:34	20:02:43	20:03:32	20:04:30	20:04:58	20:05:26	20:07:41
246	5		246	19:36:48	20:03:00	20:03:54	20:04:57	20:05:27	20:05:59	20:08:27
243	1		243	19:37:01	20:03:16	20:04:15	20:05:24	20:05:57	20:06:32	20:09:13
234	2	9	243	19:37:01	20:03:16	20:04:15	20:05:24	20:05:57	20:06:32	20:09:13
228	2	9	237	19:37:28	20:03:48	20:04:57	20:06:18	20:06:57	20:07:37	20:10:45
234	2		234	19:37:41	20:04:05	20:05:19	20:06:45	20:07:26	20:08:10	20:11:31
222	5	9	231	19:37:55	20:04:21	20:05:40	20:07:12	20:07:56	20:08:42	20:12:17
228	2		228	19:38:08	20:04:37	20:06:01	20:07:39	20:08:26	20:09:15	20:13:03
219	1	9	228	19:38:08	20:04:37	20:06:01	20:07:39	20:08:26	20:09:15	20:13:03
216	26	9	225	19:38:22	20:04:54	20:06:22	20:08:06	20:08:56	20:09:48	20:13:49
222	5		222	19:38:35	20:05:10	20:06:44	20:08:33	20:09:25	20:10:20	20:14:36
219	1		219	19:38:48	20:05:26	20:07:05	20:09:00	20:09:55	20:10:53	20:15:22
210	25	9	219	19:38:48	20:05:26	20:07:05	20:09:00	20:09:55	20:10:53	20:15:22
216	26		216	19:39:02	20:05:43	20:07:26	20:09:27	20:10:25	20:11:25	20:16:08
204	5	9	213	19:39:15	20:05:59	20:07:47	20:09:54	20:10:55	20:11:58	20:16:54
210	25		210	19:39:29	20:06:15	20:08:09	20:10:21	20:11:24	20:12:31	20:17:40
201	1	9	210	19:39:29	20:06:15	20:08:09	20:10:21	20:11:24	20:12:31	20:17:40
198	2	9	207	19:39:42	20:06:32	20:08:30	20:10:48	20:11:54	20:13:03	20:18:26
204	5		204	19:39:56	20:06:48	20:08:51	20:11:15	20:12:24	20:13:36	20:19:12
195	1	9	204	19:39:56	20:06:48	20:08:51	20:11:15	20:12:24	20:13:36	20:19:12
201	1		201	19:40:09	20:07:04	20:09:12	20:11:42	20:12:54	20:14:09	20:19:58
192	1	9	201	19:40:09	20:07:04	20:09:12	20:11:42	20:12:54	20:14:09	20:19:58
198	2		198	19:40:23	20:07:21	20:09:33	20:12:09	20:13:24	20:14:41	20:20:44
189	5	9	198	19:40:23	20:07:21	20:09:33	20:12:09	20:13:24	20:14:41	20:20:44
195	1		195	19:40:36	20:07:37	20:09:55	20:12:36	20:13:53	20:15:14	20:21:30
186	1	9	195	19:40:36	20:07:37	20:09:55	20:12:36	20:13:53	20:15:14	20:21:30
192	1		192	19:40:49	20:07:53	20:10:16	20:13:03	20:14:23	20:15:47	20:22:16
183	1	9	192	19:40:49	20:07:53	20:10:16	20:13:03	20:14:23	20:15:47	20:22:16
189	5		189	19:41:03	20:08:10	20:10:37	20:13:30	20:14:53	20:16:19	20:23:02
180	4	9	189	19:41:03	20:08:10	20:10:37	20:13:30	20:14:53	20:16:19	20:23:02
186	1		186	19:41:16	20:08:26	20:10:58	20:13:57	20:15:23	20:16:52	20:23:48
183	1		183	19:41:30	20:08:42	20:11:20	20:14:24	20:15:52	20:17:24	20:24:35
174	16	9	183	19:41:30	20:08:42	20:11:20	20:14:24	20:15:52	20:17:24	20:24:35
180	4		180	19:41:43	20:08:59	20:11:41	20:14:51	20:16:22	20:17:57	20:25:21
171	1	9	180	19:41:43	20:08:59	20:11:41	20:14:51	20:16:22	20:17:57	20:25:21
168	15	9	177	19:41:57	20:09:15	20:12:02	20:15:18	20:16:52	20:18:30	20:26:07
174	16		174	19:42:10	20:09:31	20:12:23	20:15:45	20:17:22	20:19:02	20:26:53
171	1		171	19:42:24	20:09:48	20:12:45	20:16:12	20:17:51	20:19:35	20:27:39
162	1	9	171	19:42:24	20:09:48	20:12:45	20:16:12	20:17:51	20:19:35	20:27:39
168	15		168	19:42:37	20:10:04	20:13:06	20:16:39	20:18:21	20:20:08	20:28:25
156	1	9	165	19:42:50	20:10:20	20:13:27	20:17:06	20:18:51	20:20:40	20:29:11
162	1		162	19:43:04	20:10:36	20:13:48	20:17:33	20:19:21	20:21:13	20:29:57
156	1		156	19:43:31	20:11:09	20:14:31	20:18:27	20:20:20	20:22:18	20:31:29
144	1	9	153	19:43:44	20:11:25	20:14:52	20:18:54	20:20:50	20:22:51	20:32:15
144	1		144	19:44:24	20:12:14	20:15:56	20:20:15	20:22:19	20:24:29	20:34:34

2022 Moonburn Appendix A

4-courses

2022 Moonburn – Pursuit Start Times First Warning: 19:55:00

			ID:	4-1	4-2	4-3	4-5	4-6	4-7	4-9
			Distance:	4.48	5.44	7.08	9	9.92	10.88	15.36
PHRF Rating	# Active Boats	Non-Spin?	PHRF + NonSpin	4 - 7 - f	4 - D - f	4 - 6 - 4 - 7 - f	4 - 7 - 4 - 7 - f	4 - D - 4 - 7 - f	4 - D - 4 - D - f	4 - D - 4 - D - 4 - 7 - f
132	1	9	141	19:44:38	20:12:31	20:16:17	20:20:42	20:22:49	20:25:01	20:35:20
129	2	9	138	19:44:51	20:12:47	20:16:38	20:21:09	20:23:19	20:25:34	20:36:06
126	1	9	135	19:45:05	20:13:03	20:17:00	20:21:36	20:23:48	20:26:07	20:36:52
132	1		132	19:45:18	20:13:20	20:17:21	20:22:03	20:24:18	20:26:39	20:37:38
129	2		129	19:45:32	20:13:36	20:17:42	20:22:30	20:24:48	20:27:12	20:38:24
120	7	9	129	19:45:32	20:13:36	20:17:42	20:22:30	20:24:48	20:27:12	20:38:24
126	1		126	19:45:45	20:13:52	20:18:03	20:22:57	20:25:18	20:27:45	20:39:10
117	24	9	126	19:45:45	20:13:52	20:18:03	20:22:57	20:25:18	20:27:45	20:39:10
123	1		123	19:45:59	20:14:09	20:18:24	20:23:24	20:25:48	20:28:17	20:39:56
120	7		120	19:46:12	20:14:25	20:18:46	20:23:51	20:26:17	20:28:50	20:40:42
111	2	9	120	19:46:12	20:14:25	20:18:46	20:23:51	20:26:17	20:28:50	20:40:42
117	24		117	19:46:25	20:14:41	20:19:07	20:24:18	20:26:47	20:29:23	20:41:28
108	2	9	117	19:46:25	20:14:41	20:19:07	20:24:18	20:26:47	20:29:23	20:41:28
111	2		111	19:46:52	20:15:14	20:19:49	20:25:12	20:27:47	20:30:28	20:43:00
108	2		108	19:47:06	20:15:30	20:20:11	20:25:39	20:28:16	20:31:00	20:43:47
96	2	9	105	19:47:19	20:15:47	20:20:32	20:26:06	20:28:46	20:31:33	20:44:33
93	2	9	102	19:47:33	20:16:03	20:20:53	20:26:33	20:29:16	20:32:06	20:45:19
90	1	9	99	19:47:46	20:16:19	20:21:14	20:27:00	20:29:46	20:32:38	20:46:05
96	2		96	19:48:00	20:16:36	20:21:36	20:27:27	20:30:15	20:33:11	20:46:51
87	1	9	96	19:48:00	20:16:36	20:21:36	20:27:27	20:30:15	20:33:11	20:46:51
93	2		93	19:48:13	20:16:52	20:21:57	20:27:54	20:30:45	20:33:44	20:47:37
90	1		90	19:48:26	20:17:08	20:22:18	20:28:21	20:31:15	20:34:16	20:48:23
87	1		87	19:48:40	20:17:24	20:22:39	20:28:48	20:31:45	20:34:49	20:49:09
84	2		84	19:48:53	20:17:41	20:23:01	20:29:15	20:32:14	20:35:22	20:49:55
75	1	9	84	19:48:53	20:17:41	20:23:01	20:29:15	20:32:14	20:35:22	20:49:55
78	1		78	19:49:20	20:18:13	20:23:43	20:30:09	20:33:14	20:36:27	20:51:27
69	1	9	78	19:49:20	20:18:13	20:23:43	20:30:09	20:33:14	20:36:27	20:51:27
75	1		75	19:49:34	20:18:30	20:24:04	20:30:36	20:33:44	20:37:00	20:52:13
69	1		69	19:50:00	20:19:02	20:24:47	20:31:30	20:34:43	20:38:05	20:53:46
57	1		57	19:50:54	20:20:08	20:26:12	20:33:18	20:36:42	20:40:15	20:56:50
48	1		48	19:51:35	20:20:57	20:27:15	20:34:39	20:38:12	20:41:53	20:59:08
45	1		45	19:51:48	20:21:13	20:27:37	20:35:06	20:38:41	20:42:26	20:59:54
33	5		33	19:52:42	20:22:18	20:29:02	20:36:54	20:40:40	20:44:36	21:02:59
30	1		30	19:52:55	20:22:35	20:29:23	20:37:21	20:41:10	20:45:09	21:03:45
24	3		24	19:53:22	20:23:07	20:30:05	20:38:15	20:42:10	20:46:14	21:05:17
21	1		21	19:53:36	20:23:24	20:30:27	20:38:42	20:42:39	20:46:47	21:06:03
18	1		18	19:53:49	20:23:40	20:30:48	20:39:09	20:43:09	20:47:20	21:06:49
-15	1		-15	19:56:17	20:26:39	20:34:42	20:44:06	20:48:36	20:53:19	21:15:16
-18	1		-18	19:56:30	20:26:56	20:35:03	20:44:33	20:49:06	20:53:51	21:16:02
-21	2		-21	19:56:44	20:27:12	20:35:24	20:45:00	20:49:36	20:54:24	21:16:48
-39	1		-39	19:58:04	20:28:50	20:37:31	20:47:42	20:52:35	20:57:40	21:21:24
-45	2		-45	19:58:31	20:29:23	20:38:14	20:48:36	20:53:34	20:58:45	21:22:57

2022 Moonburn – Pursuit Start Times

First Warning: 19:55:00

			ID:	5-2	5-4	5-5	5-6	5-7	5-8	5-9
			Distance:	4.58	5.52	6.22	7.16	8.88	9.06	15.52
PHRF Rating	# Active Boats	Non-Spin?	PHRF + NonSpin	5 - 4 - 7 - f	5 - 4 - D - f	5 - 4 - 6 - 5 - 7 - f	5 - 4 - 6 - 5 - D - f	5 - 4 - 6 - 5 - 6 - 5 - D - f	5 - 4 - 6 - 5 - 6 - 4 - D - f	5 - 4 - D - 5 - 6 - D - 4 - D - f
270	14	9	279	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00	20:00:00
264	47	9	273	20:00:27	20:00:33	20:00:37	20:00:43	20:00:53	20:00:54	20:01:33
270	14		270	20:00:41	20:00:50	20:00:56	20:01:04	20:01:20	20:01:22	20:02:20
264	47		264	20:01:09	20:01:23	20:01:33	20:01:47	20:02:13	20:02:16	20:03:53
252	15	9	261	20:01:22	20:01:39	20:01:52	20:02:09	20:02:40	20:02:43	20:04:39
249	1	9	258	20:01:36	20:01:56	20:02:11	20:02:30	20:03:06	20:03:10	20:05:26
246	5	9	255	20:01:50	20:02:12	20:02:29	20:02:52	20:03:33	20:03:37	20:06:12
252	15		252	20:02:04	20:02:29	20:02:48	20:03:13	20:04:00	20:04:05	20:06:59
243	1	9	252	20:02:04	20:02:29	20:02:48	20:03:13	20:04:00	20:04:05	20:06:59
249	1		249	20:02:17	20:02:46	20:03:07	20:03:35	20:04:26	20:04:32	20:07:46
246	5		246	20:02:31	20:03:02	20:03:25	20:03:56	20:04:53	20:04:59	20:08:32
243	1		243	20:02:45	20:03:19	20:03:44	20:04:18	20:05:20	20:05:26	20:09:19
234	2	9	243	20:02:45	20:03:19	20:03:44	20:04:18	20:05:20	20:05:26	20:09:19
228	2	9	237	20:03:12	20:03:52	20:04:21	20:05:01	20:06:13	20:06:21	20:10:52
234	2		234	20:03:26	20:04:08	20:04:40	20:05:22	20:06:40	20:06:48	20:11:38
222	5	9	231	20:03:40	20:04:25	20:04:59	20:05:44	20:07:06	20:07:15	20:12:25
228	2		228	20:03:54	20:04:42	20:05:17	20:06:05	20:07:33	20:07:42	20:13:12
219	1	9	228	20:03:54	20:04:42	20:05:17	20:06:05	20:07:33	20:07:42	20:13:12
216	26	9	225	20:04:07	20:04:58	20:05:36	20:06:27	20:08:00	20:08:09	20:13:58
222	5		222	20:04:21	20:05:15	20:05:55	20:06:48	20:08:26	20:08:36	20:14:45
219	1		219	20:04:35	20:05:31	20:06:13	20:07:10	20:08:53	20:09:04	20:15:31
210	25	9	219	20:04:35	20:05:31	20:06:13	20:07:10	20:08:53	20:09:04	20:15:31
216	26		216	20:04:49	20:05:48	20:06:32	20:07:31	20:09:19	20:09:31	20:16:18
204	5	9	213	20:05:02	20:06:04	20:06:51	20:07:53	20:09:46	20:09:58	20:17:04
210	25		210	20:05:16	20:06:21	20:07:09	20:08:14	20:10:13	20:10:25	20:17:51
201	1	9	210	20:05:16	20:06:21	20:07:09	20:08:14	20:10:13	20:10:25	20:17:51
198	2	9	207	20:05:30	20:06:37	20:07:28	20:08:36	20:10:39	20:10:52	20:18:37
204	5		204	20:05:44	20:06:54	20:07:47	20:08:57	20:11:06	20:11:20	20:19:24
195	1	9	204	20:05:44	20:06:54	20:07:47	20:08:57	20:11:06	20:11:20	20:19:24
201	1		201	20:05:57	20:07:11	20:08:05	20:09:18	20:11:33	20:11:47	20:20:11
192	1	9	201	20:05:57	20:07:11	20:08:05	20:09:18	20:11:33	20:11:47	20:20:11
198	2		198	20:06:11	20:07:27	20:08:24	20:09:40	20:11:59	20:12:14	20:20:57
189	5	9	198	20:06:11	20:07:27	20:08:24	20:09:40	20:11:59	20:12:14	20:20:57
195	1		195	20:06:25	20:07:44	20:08:42	20:10:01	20:12:26	20:12:41	20:21:44
186	1	9	195	20:06:25	20:07:44	20:08:42	20:10:01	20:12:26	20:12:41	20:21:44
192	1		192	20:06:38	20:08:00	20:09:01	20:10:23	20:12:53	20:13:08	20:22:30
183	1	9	192	20:06:38	20:08:00	20:09:01	20:10:23	20:12:53	20:13:08	20:22:30
189	5		189	20:06:52	20:08:17	20:09:20	20:10:44	20:13:19	20:13:35	20:23:17
180	4	9	189	20:06:52	20:08:17	20:09:20	20:10:44	20:13:19	20:13:35	20:23:17
186	1		186	20:07:06	20:08:33	20:09:38	20:11:06	20:13:46	20:14:03	20:24:03
183	1		183	20:07:20	20:08:50	20:09:57	20:11:27	20:14:12	20:14:30	20:24:50
174	16	9	183	20:07:20	20:08:50	20:09:57	20:11:27	20:14:12	20:14:30	20:24:50
180	4		180	20:07:33	20:09:06	20:10:16	20:11:49	20:14:39	20:14:57	20:25:36
171	1	9	180	20:07:33	20:09:06	20:10:16	20:11:49	20:14:39	20:14:57	20:25:36
168	15	9	177	20:07:47	20:09:23	20:10:34	20:12:10	20:15:06	20:15:24	20:26:23
174	16		174	20:08:01	20:09:40	20:10:53	20:12:32	20:15:32	20:15:51	20:27:10
171	1		171	20:08:15	20:09:56	20:11:12	20:12:53	20:15:59	20:16:18	20:27:56
162	1	9	171	20:08:15	20:09:56	20:11:12	20:12:53	20:15:59	20:16:18	20:27:56
168	15		168	20:08:28	20:10:13	20:11:30	20:13:15	20:16:26	20:16:46	20:28:43
156	1	9	165	20:08:42	20:10:29	20:11:49	20:13:36	20:16:52	20:17:13	20:29:29
162	1		162	20:08:56	20:10:46	20:12:08	20:13:58	20:17:19	20:17:40	20:30:16

2022 Moonburn – Pursuit Start Times

First Warning: 19:55:00

			ID:	5-2	5-4	5-5	5-6	5-7	5-8	5-9
			Distance:	4.58	5.52	6.22	7.16	8.88	9.06	15.52
PHRF Rating	# Active Boats	Non-Spin?	PHRF + NonSpin	5 - 4 - 7 - f	5 - 4 - D - f	5 - 4 - 6 - 5 - 7 - f	5 - 4 - 6 - 5 - D - f	5 - 4 - 6 - 5 - 6 - 5 - D - f	5 - 4 - 6 - 5 - 6 - 4 - D - f	5 - 4 - D - 5 - 6 - D - 4 - D - f
156	1		156	20:09:23	20:11:19	20:12:45	20:14:41	20:18:12	20:18:34	20:31:49
144	1	9	153	20:09:37	20:11:36	20:13:04	20:15:02	20:18:39	20:19:02	20:32:36
144	1		144	20:10:18	20:12:25	20:14:00	20:16:07	20:19:59	20:20:23	20:34:55
132	1	9	141	20:10:32	20:12:42	20:14:18	20:16:28	20:20:25	20:20:50	20:35:42
129	2	9	138	20:10:46	20:12:58	20:14:37	20:16:50	20:20:52	20:21:17	20:36:28
126	1	9	135	20:11:00	20:13:15	20:14:56	20:17:11	20:21:19	20:21:45	20:37:15
132	1		132	20:11:13	20:13:31	20:15:14	20:17:33	20:21:45	20:22:12	20:38:01
129	2		129	20:11:27	20:13:48	20:15:33	20:17:54	20:22:12	20:22:39	20:38:48
120	7	9	129	20:11:27	20:13:48	20:15:33	20:17:54	20:22:12	20:22:39	20:38:48
126	1		126	20:11:41	20:14:05	20:15:52	20:18:15	20:22:39	20:23:06	20:39:35
117	24	9	126	20:11:41	20:14:05	20:15:52	20:18:15	20:22:39	20:23:06	20:39:35
123	1		123	20:11:54	20:14:21	20:16:10	20:18:37	20:23:05	20:23:33	20:40:21
120	7		120	20:12:08	20:14:38	20:16:29	20:18:58	20:23:32	20:24:01	20:41:08
111	2	9	120	20:12:08	20:14:38	20:16:29	20:18:58	20:23:32	20:24:01	20:41:08
117	24		117	20:12:22	20:14:54	20:16:48	20:19:20	20:23:59	20:24:28	20:41:54
108	2	9	117	20:12:22	20:14:54	20:16:48	20:19:20	20:23:59	20:24:28	20:41:54
111	2		111	20:12:49	20:15:27	20:17:25	20:20:03	20:24:52	20:25:22	20:43:27
108	2		108	20:13:03	20:15:44	20:17:44	20:20:24	20:25:18	20:25:49	20:44:14
96	2	9	105	20:13:17	20:16:00	20:18:02	20:20:46	20:25:45	20:26:16	20:45:00
93	2	9	102	20:13:31	20:16:17	20:18:21	20:21:07	20:26:12	20:26:44	20:45:47
90	1	9	99	20:13:44	20:16:34	20:18:40	20:21:29	20:26:38	20:27:11	20:46:34
96	2		96	20:13:58	20:16:50	20:18:58	20:21:50	20:27:05	20:27:38	20:47:20
87	1	9	96	20:13:58	20:16:50	20:18:58	20:21:50	20:27:05	20:27:38	20:47:20
93	2		93	20:14:12	20:17:07	20:19:17	20:22:12	20:27:32	20:28:05	20:48:07
90	1		90	20:14:26	20:17:23	20:19:36	20:22:33	20:27:58	20:28:32	20:48:53
87	1		87	20:14:39	20:17:40	20:19:54	20:22:55	20:28:25	20:29:00	20:49:40
84	2		84	20:14:53	20:17:56	20:20:13	20:23:16	20:28:52	20:29:27	20:50:26
75	1	9	84	20:14:53	20:17:56	20:20:13	20:23:16	20:28:52	20:29:27	20:50:26
78	1		78	20:15:21	20:18:30	20:20:50	20:23:59	20:29:45	20:30:21	20:52:00
69	1	9	78	20:15:21	20:18:30	20:20:50	20:23:59	20:29:45	20:30:21	20:52:00
75	1		75	20:15:34	20:18:46	20:21:09	20:24:21	20:30:12	20:30:48	20:52:46
69	1		69	20:16:02	20:19:19	20:21:46	20:25:04	20:31:05	20:31:43	20:54:19
57	1		57	20:16:57	20:20:25	20:23:01	20:26:30	20:32:51	20:33:31	20:57:25
48	1		48	20:17:38	20:21:15	20:23:57	20:27:34	20:34:11	20:34:53	20:59:45
45	1		45	20:17:52	20:21:32	20:24:15	20:27:55	20:34:38	20:35:20	21:00:32
33	5		33	20:18:47	20:22:38	20:25:30	20:29:21	20:36:24	20:37:09	21:03:38
30	1		30	20:19:00	20:22:54	20:25:49	20:29:43	20:36:51	20:37:36	21:04:24
24	3		24	20:19:28	20:23:28	20:26:26	20:30:26	20:37:44	20:38:30	21:05:58
21	1		21	20:19:42	20:23:44	20:26:45	20:30:47	20:38:11	20:38:57	21:06:44
18	1		18	20:19:55	20:24:01	20:27:03	20:31:09	20:38:38	20:39:25	21:07:31
-15	1		-15	20:22:27	20:27:03	20:30:29	20:35:05	20:43:31	20:44:24	21:16:03
-18	1		-18	20:22:40	20:27:19	20:30:47	20:35:27	20:43:57	20:44:51	21:16:49
-21	2		-21	20:22:54	20:27:36	20:31:06	20:35:48	20:44:24	20:45:18	21:17:36
-39	1		-39	20:24:16	20:29:15	20:32:58	20:37:57	20:47:04	20:48:01	21:22:15
-45	2		-45	20:24:44	20:29:48	20:33:35	20:38:40	20:47:57	20:48:55	21:23:48