Offset Decimal	Offset Hex	Data	Function / Description	Further comment
0	0	0x91	Constant header	
1	1	0xFA		
2	2	Bit 6 - ?? Bit 5 -?? Lower: 0-6	Day of week (Sun = 0, Sat = 6)	Bit 6 of ruaandeysel set Bit 5 NoirElec set
3	3	Number of days	Running (Days)	Tracks number of days 'since service', resets every 728 days
4	4	Hour+Disabled	Program 1, timer 1, Mon-Fri ON	Most significant bit of 'Hour' byte set indicates disabled, unset enabled. (Applies to all following 2 byte timers) (x00H HHHH, x = 0/1).
5	5	Minute		
6	6	Hour+Disabled	Program 1, timer 1, Mon-Fri OFF	
7	7	Minute		
8	8	Hour+Disabled	Program 1, timer 2, Mon-Fri ON	
9	9	Minute		
10	A	Hour+Disabled	Program 1, timer 2, Mon-Fri OFF	
11	B	Minute		
12	C	Hour+Disabled	Program 1, timer 1, Sat ON	
13	D	Minute		
14	E	Hour+Disabled	Program 1, timer 1, Sat OFF	
15	F	Minute		
16	10	Hour+Disabled	Program 1, timer 2, Sat ON	
17	11	Minute		
18	12	Hour+Disabled	Program 1, timer 2, Sat OFF	
19	13	Minute		
20	14	Hour+Disabled	Program 1, timer 1, Sun ON	
21	15	Minute		
22	16	Hour+Disabled	Program 1, timer 1, Sun OFF	
23	17	Minute		
24	18	Hour+Disabled	Program 1, timer 2, Sun ON	
25	19	Minute		
26	1A	Hour+Disabled	Program 1, timer 2, Sun OFF	
27	1B	Minute		
28	1C	Hour+Disabled	Program 2, timer 1, Mon-Fri ON	
29	1D	Minute		
30	1E	Hour+Disabled	Program 2, timer 1, Mon-Fri OFF	
31	1F	Minute		
32	20	Hour+Disabled	Program 2, timer 2, Mon-Fri ON	
33	21	Minute		
34	22	Hour+Disabled	Program 2, timer 2, Mon-Fri OFF	
35	23	Minute		
36	24	Hour+Disabled	Program 2, timer 1, Sat ON	
37	25	Minute		
38	26	Hour+Disabled	Program 2, timer 1, Sat OFF	
39	27	Minute		
40	28	Hour+Disabled	Program 2, timer 2, Sat ON	
41	29	Minute		
42	2A	Hour+Disabled	Program 2, timer 2, Sat OFF	
43	2B	Minute		
44	2C	Hour+Disabled	Program 2, timer 1, Sun ON	
45	2D	Minute		
46	2E	Hour+Disabled	Program 2, timer 1, Sun OFF	
47	2F	Minute		
48	30	Hour+Disabled	Program 2, timer 2, Sun ON	
49	31	Minute		
50	32	Hour+Disabled	Program 2, timer 2, Sun OFF	
51	33	Minute		
52	34	Hour+Disabled	Program 3, timer 1, Mon-Fri ON	
53	35	Minute		
54	36	Hour+Disabled	Program 3, timer 1, Mon-Fri OFF	
55	37	Minute		
56	38	Hour+Disabled	Program 3, timer 2, Mon-Fri ON	
57	39	Minute		
58	3A	Hour+Disabled	Program 3, timer 2, Mon-Fri OFF	
59	3B	Minute		
60	3C	Hour+Disabled	Program 3, timer 1, Sat ON	
61	3D	Minute		
62	3E	Hour+Disabled	Program 3, timer 1, Sat OFF	
63	3F	Minute		
64	40	Hour+Disabled	Program 3, timer 2, Sat ON	
65	41	Minute		
66	42	Hour+Disabled	Program 3, timer 2, Sat OFF	
67	43	Minute		
68	44	Hour+Disabled	Program 3, timer 1, Sun ON	
69	45	Minute		
70	46	Hour+Disabled	Program 3, timer 1, Sun OFF	
71	47	Minute		
72	48	Hour+Disabled	Program 3, timer 2, Sun ON	
73	49	Minute		

74	4A	Hour+Disabled	Program 3, timer 2, Sun OFF	
75	4B	Minute		
76	4C	Hour+Disabled	Program 4, timer 1, Mon-Fri ON	
77	4D	Minute		
78	4E	Hour+Disabled	Program 4, timer 1, Mon-Fri OFF	
79	4F	Minute		
80	50	Hour+Disabled	Program 4, timer 2, Mon-Fri ON	
81	51	Minute		
82	52	Hour+Disabled	Program 4, timer 2, Mon-Fri OFF	
83	53	Minute		
84	54	Hour+Disabled	Program 4, timer 1, Sat ON	
85	55	Minute		
86	56	Hour+Disabled	Program 4, timer 1, Sat OFF	
87	57	Minute		
88	58	Hour+Disabled	Program 4, timer 2, Sat ON	
89	59	Minute		
90	5A	Hour+Disabled	Program 4, timer 2, Sat OFF	
91	5B	Minute		
92	5C	Hour+Disabled	Program 4, timer 1, Sun ON	
93	5D	Minute		
94	5E	Hour+Disabled	Program 4, timer 1, Sun OFF	
95	5F	Minute		
96	60	Hour+Disabled	Program 4, timer 2, Sun ON	
97	61	Minute		
98	62	Hour+Disabled	Program 4, timer 2, Sun OFF	
99	63	Minute		
100	64			
101	65			
102	66			
103	67	ASCII text	Group 1 name	
104	68			
105	69			
106	6A			
107	6B			
108	6C			
109	6D			
110	6E			
111	6F	ASCII text	Group 2 name	
112	70			
113	71			
114	72			
115	73			
116	74			
117	75			
118	76			
119	77	ASCII text	Group 3 name	
120	78			
121	79			
122	7A			
123	7B			
124	7C			
125	7D			
126	7E			
127	7F	ASCII text	Group 4 name	
128	80			
129	81			
130	82			
131	83			
132	84			
133	85			
134	86			
135	87	ASCII text	Group 5 name	
136	88			
137	89			
138	8A			
139	8B			
140	8C			
141	8D			
142	8E			
143	8F	ASCII text	Group 6 name	
144	90			
145	91			
146	92			
147	93			
148	94			
149	95			
150	96			
151	97	ASCII text	Group 7 name	

152	98	ASCII text	Group 7 name	
153	99			
154	9A			
155	9B			
156	9C	ASCII text	Group 8 name	
157	9D			
158	9E			
159	9F			
160	A0			
161	A1			
162	A2			
163	A3			
164	A4	ASCII text	Group 9 name	
165	A5			
166	A6			
167	A7			
168	A8			
169	A9			
170	AA			
171	AB			
172	AC	ASCII text	Group 10 name	
173	AD			
174	AE			
175	AF			
176	B0			
177	B1			
178	B2			
179	B3			
180	B4	ASCII text	Group 11 name	
181	B5			
182	B6			
183	B7			
184	B8			
185	B9			
186	BA			
187	BB			
188	BC	ASCII text	Group 12 name	
189	BD			
190	BE			
191	BF			
192	C0			
193	C1			
194	C2			
195	C3			
196	C4	ASCII text	Group 13 name	
197	C5			
198	C6			
199	C7			
200	C8			
201	C9			
202	CA			
203	CB			
204	CC	ASCII text	Group 14 name	
205	CD			
206	CE			
207	CF			
208	D0			
209	D1			
210	D2			
211	D3			
212	D4	ASCII text	Group 15 name	
213	D5			
214	D6			
215	D7			
216	D8			
217	D9			
218	DA			
219	DB			
220	DC	ASCII text	Group 16 name	
221	DD			
222	DE			
223	DF			
224	E0			
225	E1			
226	E2			
227	E3			
228	E4		Zone 1 status	Not sure if zones or groups
229	E5		Zone 2 status	NoirElec has a couple bit 5s set

Dec	Hex	Field	Description	Notes
230	E6		Zone 3 status	
231	E7		Zone 4 status	
232	E8		Zone 5 status	
233	E9		Zone 6 status	
234	EA	Bit 8 – on	Zone 7 status	
235	EB	Bit 7 – spill	Zone 8 status	
236	EC	Bit 5 - ??	Zone 9 status	
237	ED	Bit 4 - ??	Zone 10 status	
238	EE	Lowest 3 bits just 0-7	Zone 11 status	
239	EF		Zone 12 status	
240	F0		Zone 13 status	
241	F1		Zone 14 status	
242	F2		Zone 15 status	
243	F3		Zone 16 status	
244	F4		Group 1 zones	
245	F5		Group 2 zones	
246	F6		Group 3 zones	
247	F7		Group 4 zones	
248	F8		Group 5 zones	
249	F9		Group 6 zones	
250	FA	Top 4 bits: Start zone	Group 7 zones	
251	FB	Bottom 4: number of subsequent zones	Group 8 zones	
252	FC		Group 9 zones	
253	FD		Group 10 zones	
254	FE		Group 11 zones	
255	FF		Group 12 zones	
256	100		Group 13 zones	
257	101		Group 14 zones	
258	102		Group 15 zones	
259	103		Group 16 zones	
260	104		Zone 1 balance %	
261	105		Zone 2 balance %	
262	106		Zone 3 balance %	
263	107		Zone 4 balance %	
264	108		Zone 5 balance %	
265	109		Zone 6 balance %	
266	10A		Zone 7 balance %	
267	10B	1 to 10	Zone 8 balance %	
268	10C		Zone 9 balance %	
269	10D		Zone 10 balance %	
270	10E		Zone 11 balance %	
271	10F		Zone 12 balance %	
272	110		Zone 13 balance %	
273	111		Zone 14 balance %	
274	112		Zone 15 balance %	
275	113		Zone 16 balance %	
276	114		Zone 1 %	Set %, actual is set% * balance%
277	115		Zone 2 %	
278	116		Zone 3 %	
279	117		Zone 4 %	
280	118		Zone 5 %	
281	119		Zone 6 %	
282	11A		Zone 7 %	
283	11B	1 to 10	Zone 8 %	
284	11C		Zone 9 %	
285	11D		Zone 10 %	
286	11E		Zone 11 %	
287	11F		Zone 12 %	
288	120		Zone 13 %	
289	121		Zone 14 %	
290	122		Zone 15 %	
291	123		Zone 16 %	
292	124	0 to 16	Number of groups/zones	
293	125	Msbit 1/0 Lower bits – num groups for AC1	One or two ducted system – 1/0 respectively	
294	126	L_Limit degree c	L_Limit	
295	127	Msbit 0/1 enabled/disabled Rest H_Limit degree C	Limit enable H_Limit	
296	128	0 to 5	Spill % (10 to 50%)	
297	129	0 to 15	'Turbo group'	
298	12A	??	??	I haven't seen it change from 0. Something to do with turbo groups, maybe dual Acs?
299	12B	6,5 = isTurbo AC1,AC2 4,3 = isSafety AC1,AC2 2,1 = isSpill AC1,AC2	Acs status	
300	12C			
301	12D			

Dec	Hex	Encoding	Field	Notes
302	12E			
303	12F			
304	130			
305	131	ASCII text	Service agent name	
306	132			
307	133			
308	134			
309	135			
310	136			
311	137			
312	138			
313	139			
314	13A			
315	13B			
316	13C	ASCII text	Service phone number	
317	13D			
318	13E			
319	13F			
320	140			
321	141			
322	142	Top 3 bits: 1/0 Bottom 4: Display (Days)	Service Reminder	Top 3 are 1 if disabled: Half-Y, 1Y, 2Y. Bottom is number of days to display the reminder prompt
323	143	Temperature deg C	Touchpad temp?	
324	144			
325	145			
326	146			
327	147			
328	148			
329	149			
330	14A			
331	14B			
332	14C	ASCII text	System name	
333	14D			
334	14E			
335	14F			
336	150			
337	151			
338	152			
339	153			
340	154	Year high (e.g. 20)		2022 is split into 20 and 22 for me and some But on some systems its just 22 in 0x154, 0 in 0x155
341	155	Year low (e.g. 22)	Date	
342	156	Month - 1 (0-11)		Days and months begin at 0
343	157	Day - 1 (0-30)		
344	158	Hour	Time	
345	159	Minute		
346	15A	Hour+Disabled	AC 1 timer ON	
347	15B	Minute		
348	15C	Hour+Disabled	AC 1 timer OFF	
349	15D	Minute		
350	15E	Hour+Disabled	AC 2 timer ON	
351	15F	Minute		
352	160	Hour+Disabled	AC 2 timer OFF	
353	161	Minute		
354	162	Bit 8 – on/off Bit 7 – isError Bit 6 - 'auto off' checked	AC 1 status?	Bottom 3 are program number (1-4, 0 none) Gogreenpower - bit 5 set on AC 2 (only has 1 AC tho)
355	163	Bit 5 - ?? 4 - 'thermistor on AC' unchecked 321 – program number	AC 2 status?	
356	164	0-9	AC1 Manufacturer	0-None, 1-Daikin, 2-Fujitsu, 3-Hitachi, 4-LG, 5-ME, 6-MHI, 7-Panasonic, 8-Samsung, 9-Toshiba
357	165		AC2 Manufacturer	
358	166	auto,heat,dry,fan,cool	AC 1 mode	
359	167	0-4	AC 2 mode	
360	168	Top 4 bits - # speeds	AC 1 fan speed	Mapping of value depends on unit support Top 4 – ' # supported fan speeds'
361	169	Bottom 4 – speed val	AC 2 fan speed	
362	16A		AC 1 set point	
363	16B	Temp degrees C	AC 2 set point	
364	16C		AC 1 measured temp	
365	16D		AC 2 measured temp	
366	16E	AC 1 Error Code		
367	16F	AC 2 Error Code		
368	170	AC 1 Gateway ID	Gateway ID	
369	171	AC 2 Gateway ID		
370	172			
371	173			
372	174	ASCII text	AC 1 name	
373	175			
374	176			

375	177				
376	178				
377	179				
378	17A	ASCII text	AC 2 name		
379	17B				
380	17C				
381	17D				
382	17E				
383	17F				
384	180				
385	181				
386	182	ASCII text	Serial number		
387	183				
388	184				
389	185				
390	186				
391	187				
392	188				
393	189				
394	18A	CRC	Basic sum mod 256 checksum of previous data		