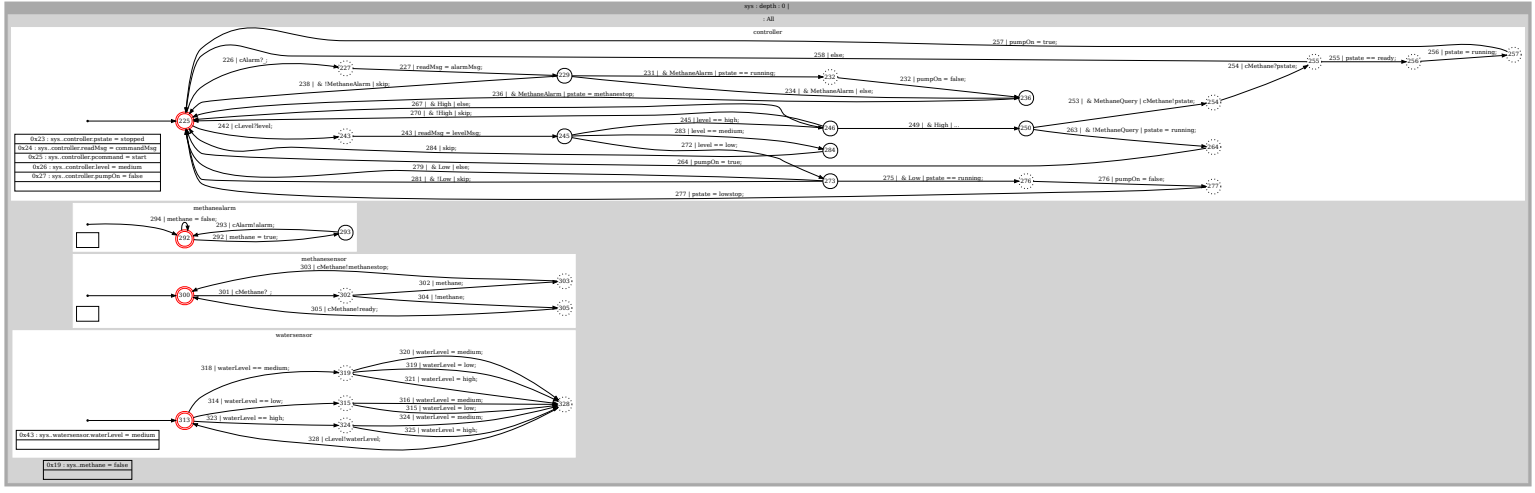
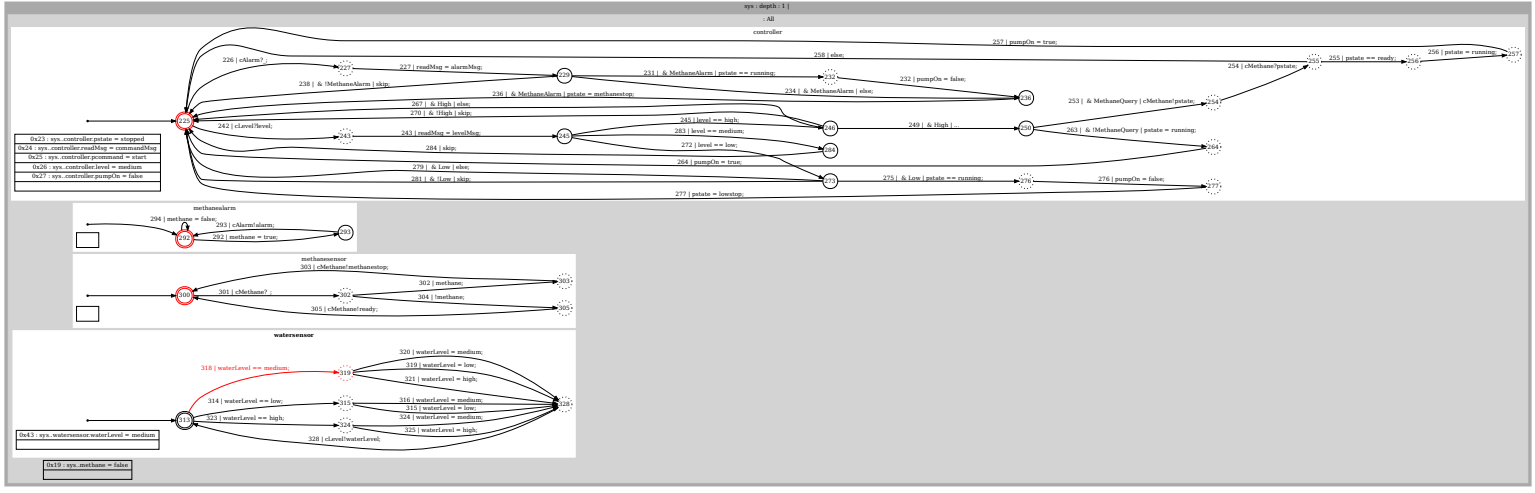
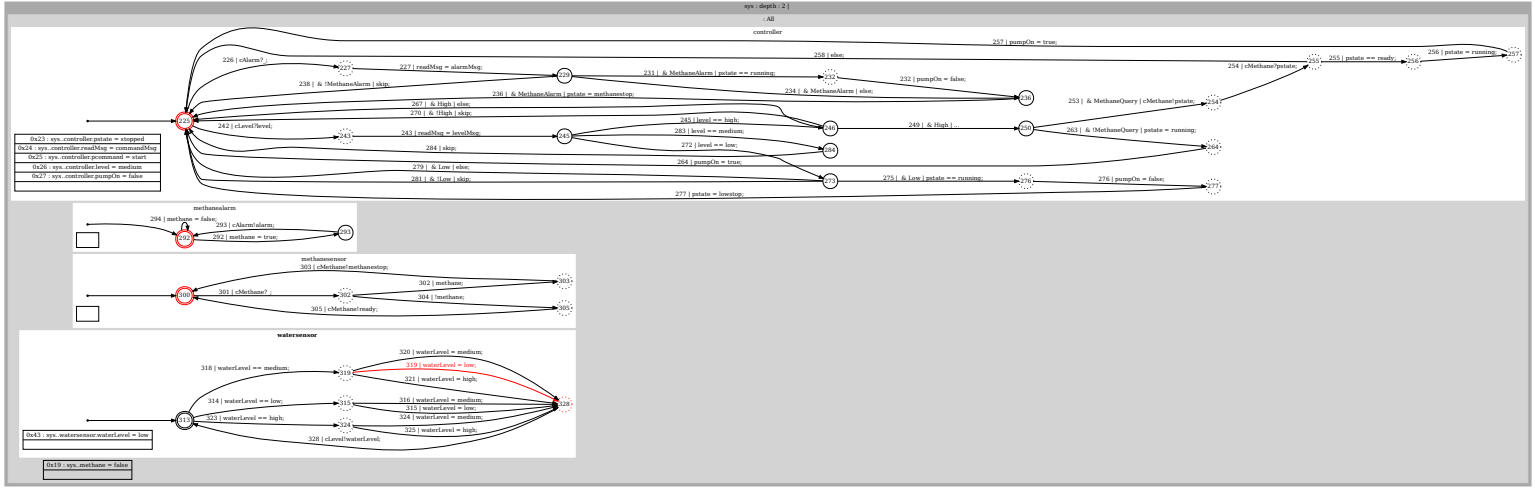
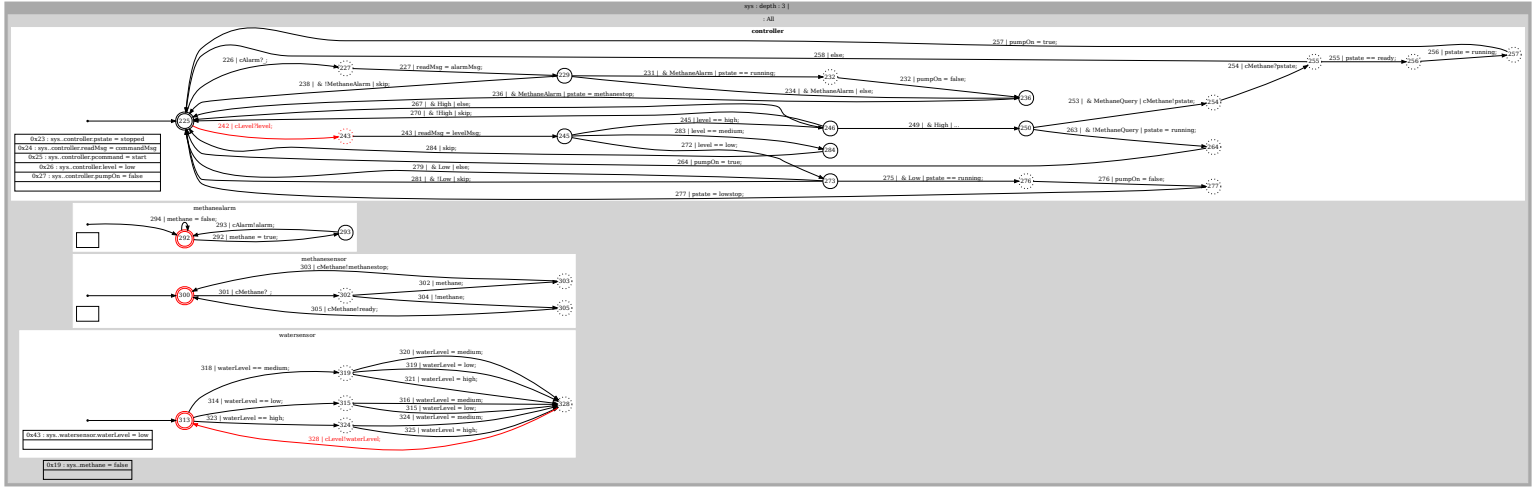
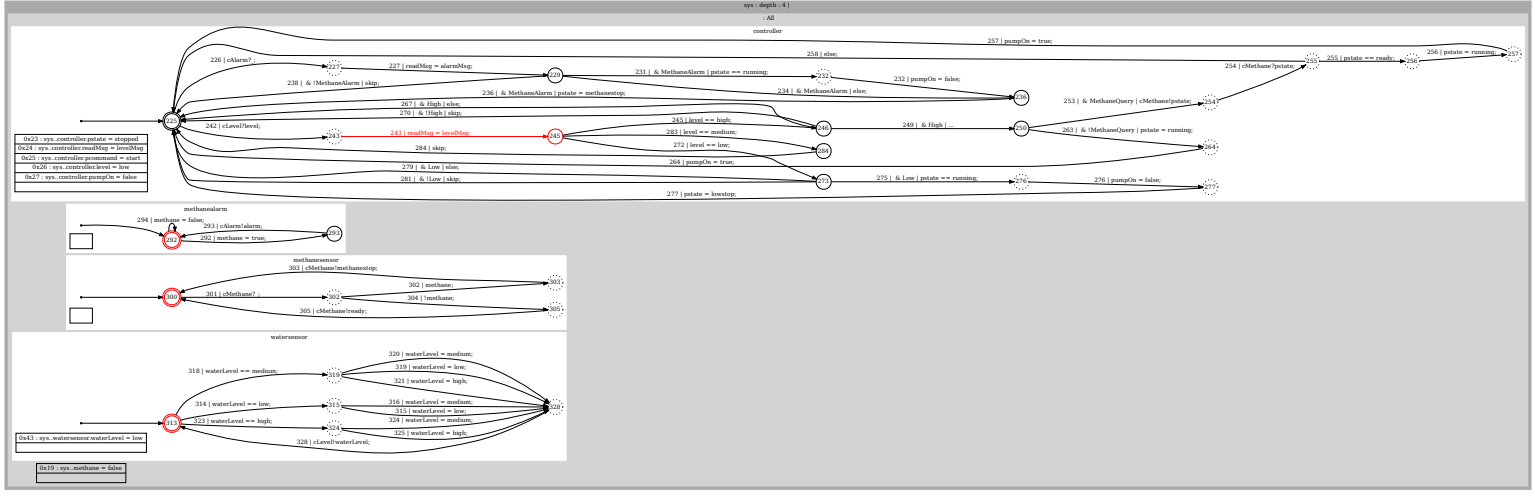
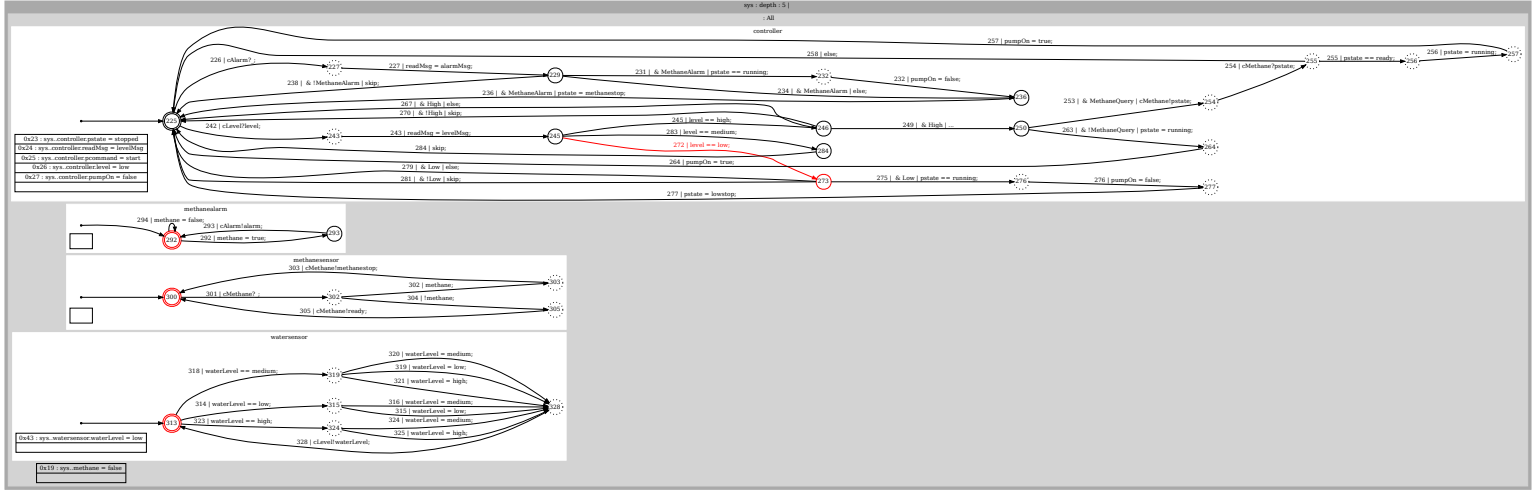

sys : depth : 0 |
: All
controller
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
254
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = commandMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
313
323 | waterLevel == high;
324
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = false

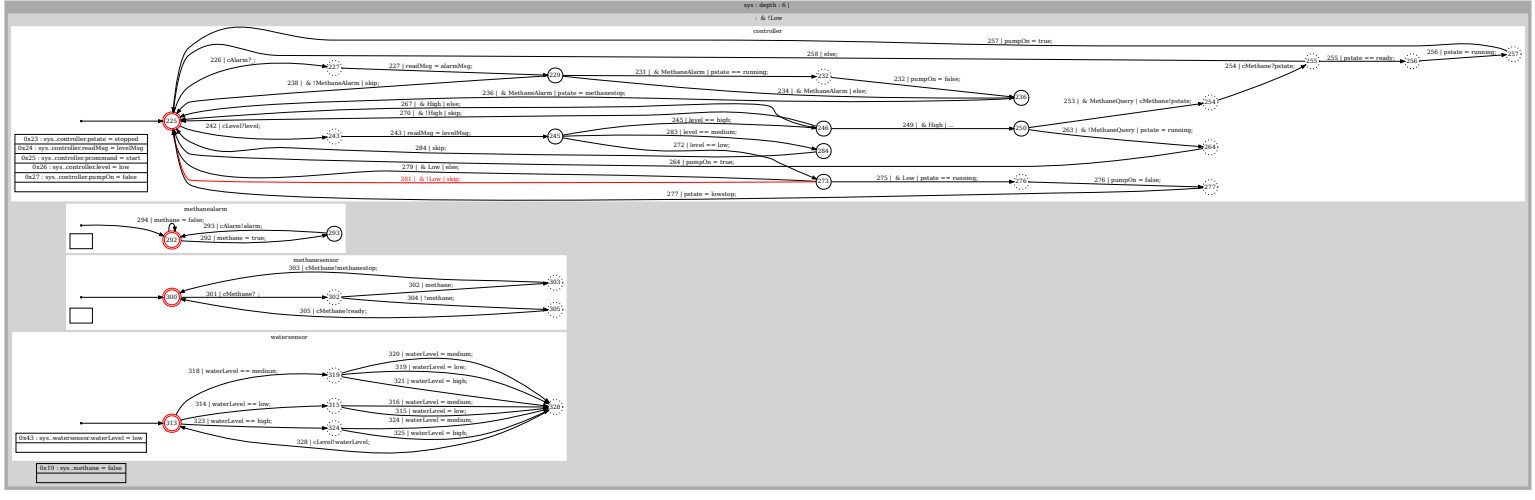

sys : depth : 1 |
: All
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = commandMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236
237
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
267 | & High | else;
270 | & !High | skip;
283 | level == medium;
272 | level == low;
264 | pumpOn = true;
284 | skip;
263 | & !MethaneQuery | pstate = running;
264
279 | & Low | else;
281 | & !Low | skip;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
292
293 | cAlarm!alarm;
293
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
324
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = false

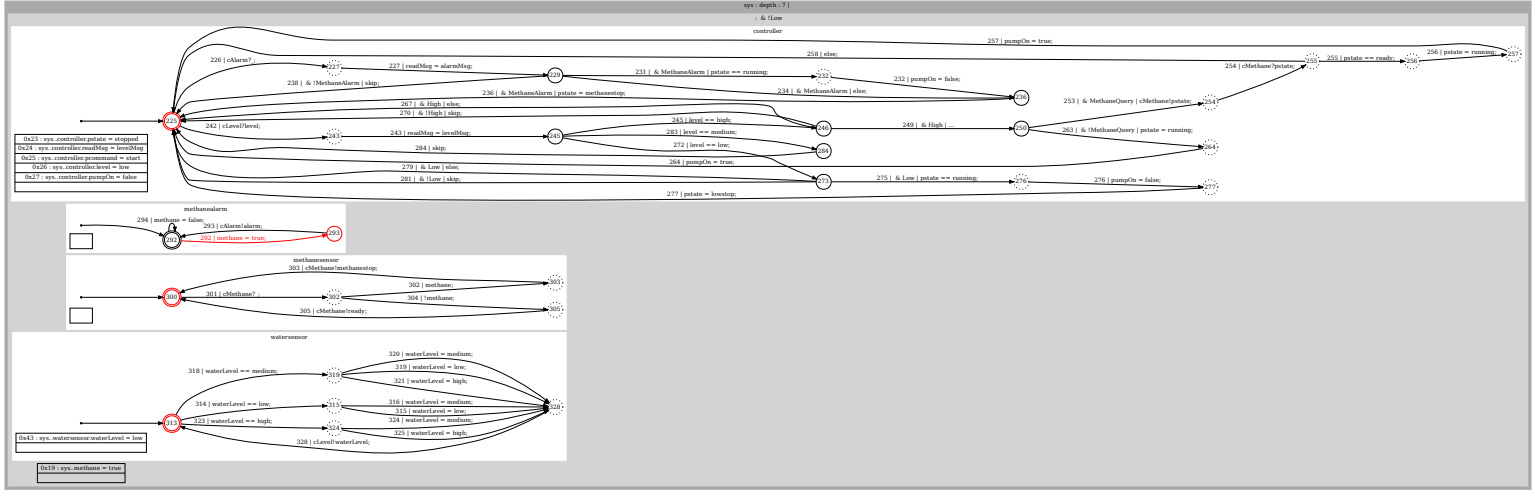

sys : depth : 2 |
: All
controller
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate == methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
254
223
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
284 | skip;
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = commandMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
279 | & Low | else;
281 | & !Low | skip;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
319
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
324
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
312
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

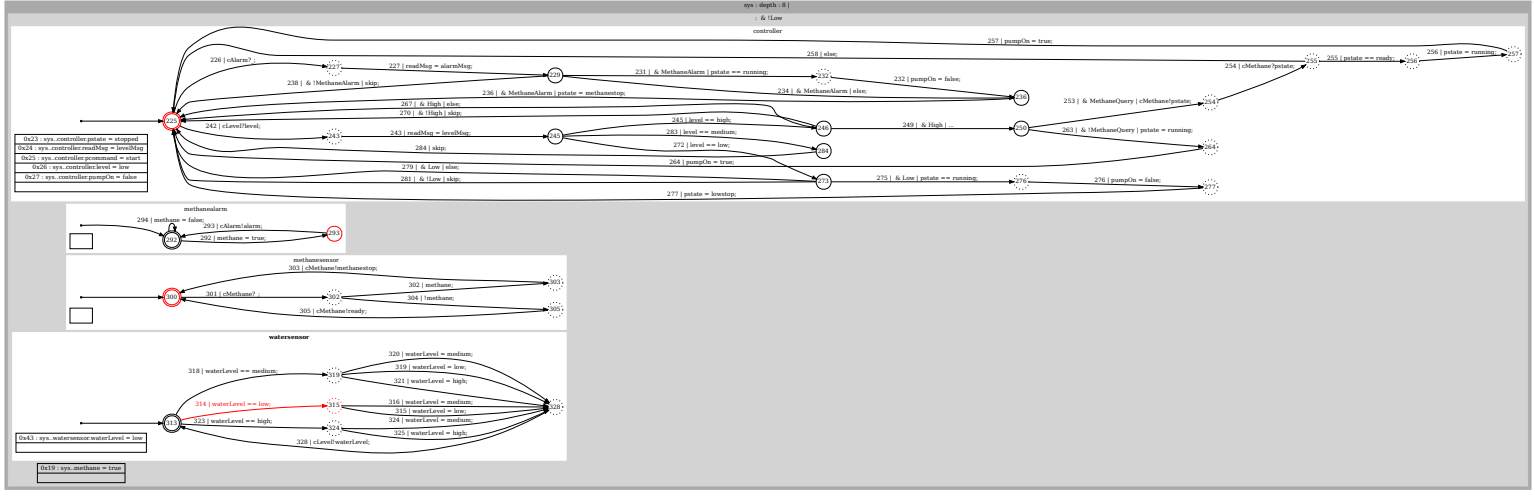

sys : depth : 3 |
: All
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = commandMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
0x19 : sys..methane = false
methanesalarm
methanesensor
watersensor
0x43 : sys..watersensor.waterLevel = low

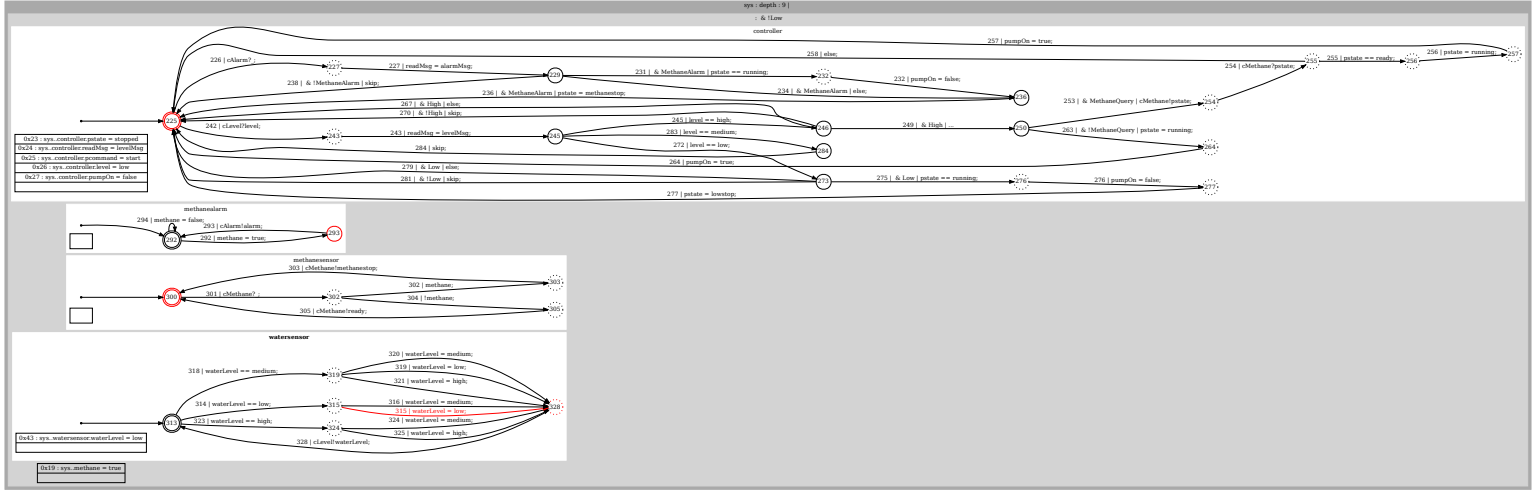

sys : depth : 4 |
: All
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266 | & !High | else;
267 | & High | else;
268
269 | & !High | skip;
270
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

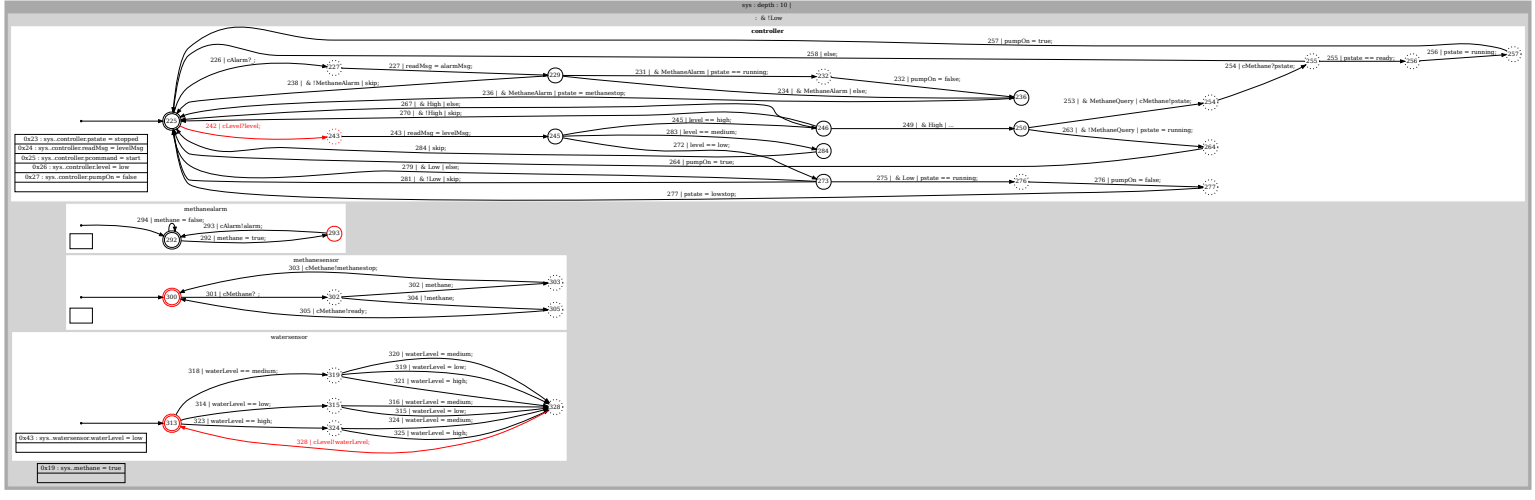

sys : depth : 5 |
: All
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260 | & !High | else;
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266 | & !High | skip;
267
270 | & Low | else;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316
316 | waterLevel = medium;
318
318 | waterLevel == medium;
319
319 | waterLevel = low;
320
320 | waterLevel = medium;
321
321 | waterLevel = high;
323
323 | waterLevel == high;
324
324 | waterLevel = medium;
325
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false
methanealarm
292
292 | methane = true;
293
293 | cAlarm!alarm;
294 | methane = false;

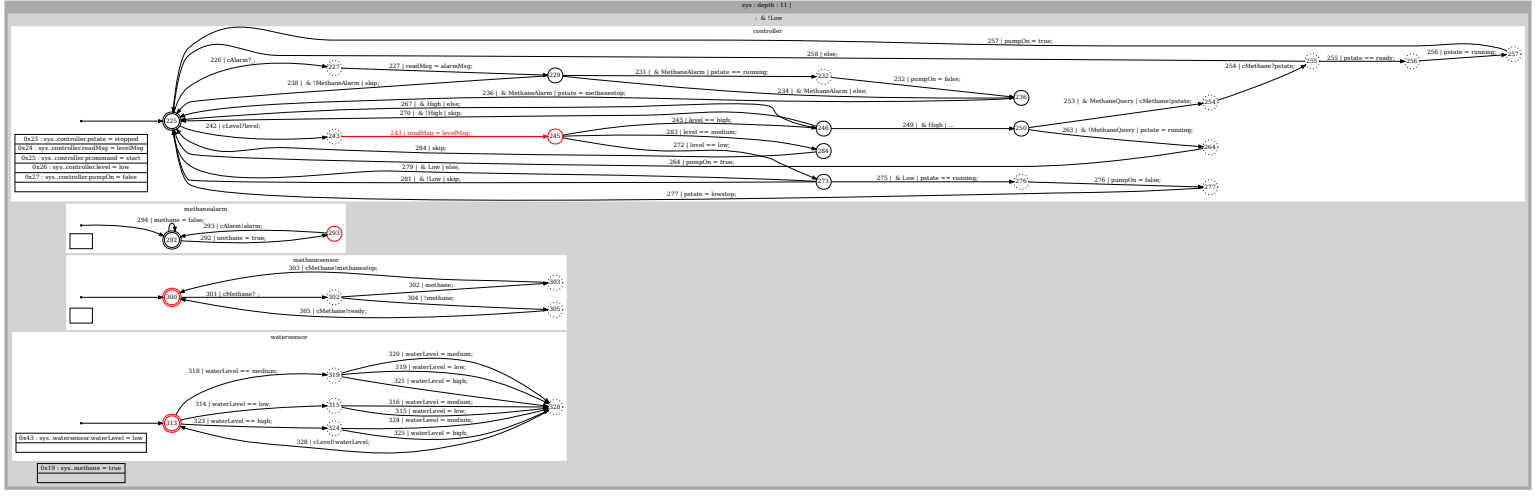

sys : depth : 6 |
: & !Low
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

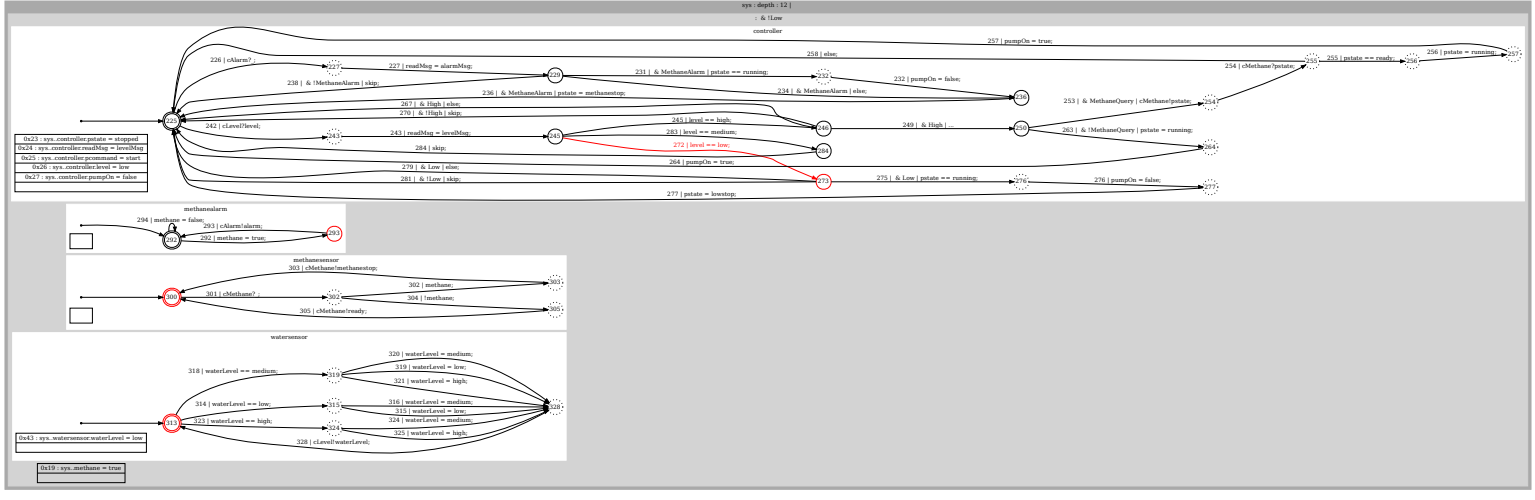

sys : depth : 7 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
291 | pstate = stopped;
292
293
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316
316 | waterLevel = medium;
317
317 | waterLevel = high;
318
318 | waterLevel == medium;
319
319 | waterLevel = low;
320
320 | waterLevel = medium;
321
321 | waterLevel = high;
323
323 | waterLevel == high;
324
324 | waterLevel = medium;
325
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

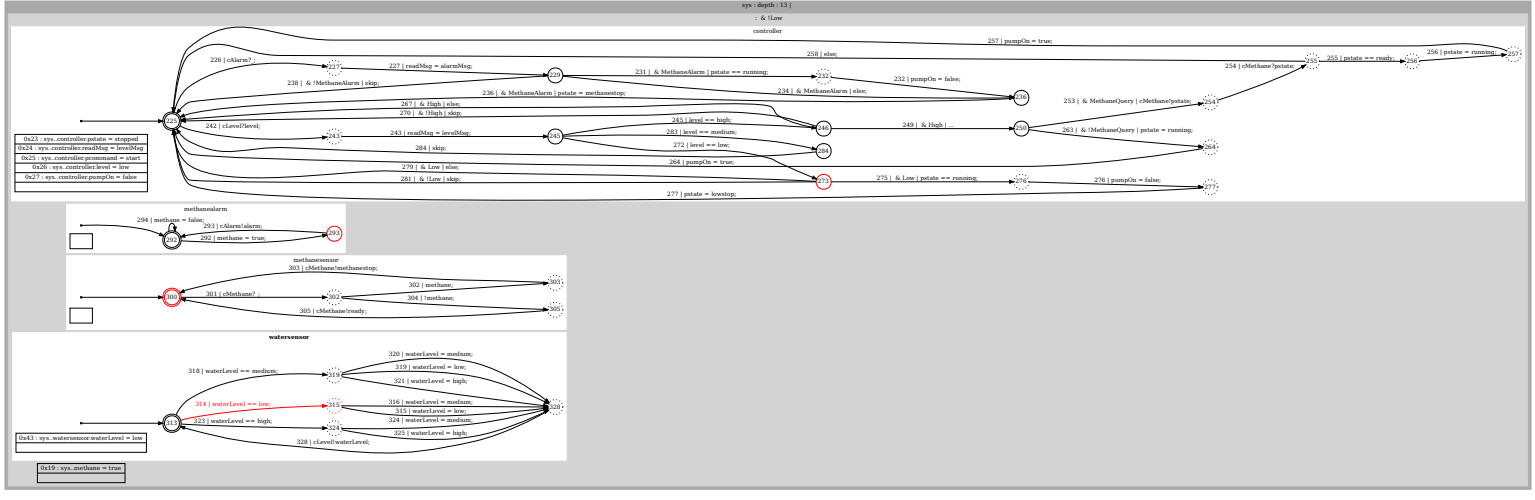

sys : depth : 8 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
279 | & Low | else;
254 | cMethane?pstate;
methanealarm
292
293 | cAlarm!alarm;
293
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

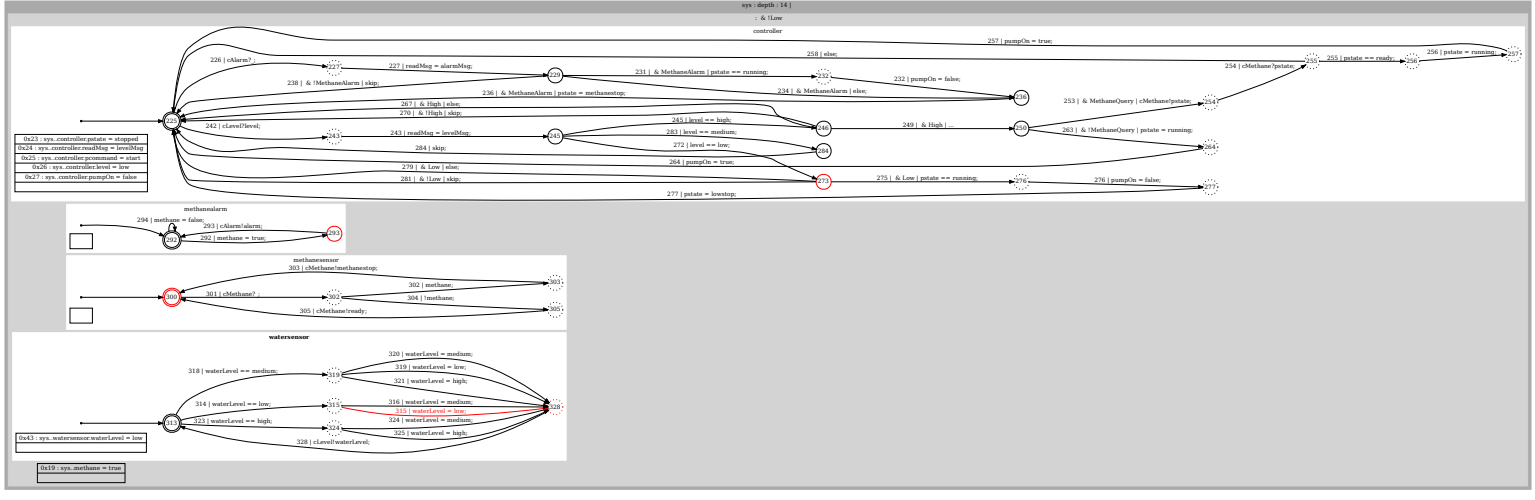

sys : depth : 9 |
: & !Low
controller
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

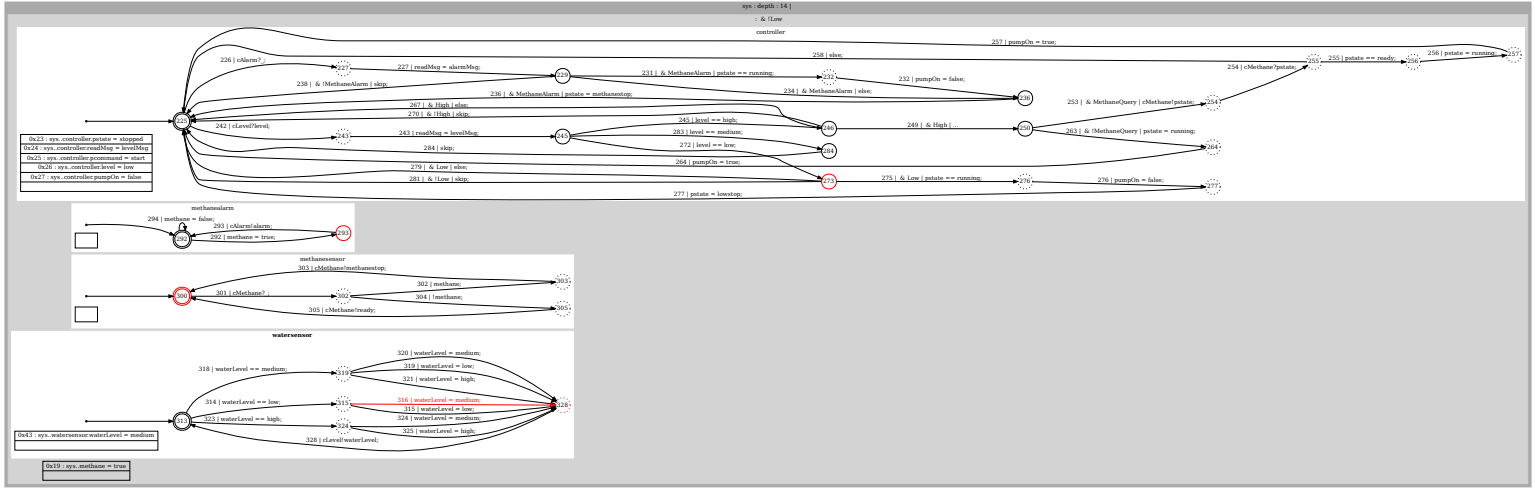

sys : depth : 10 |
; & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel!level;
243 | readMsg = levelMsg;
244
245
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
284 | skip;
methanealarm
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

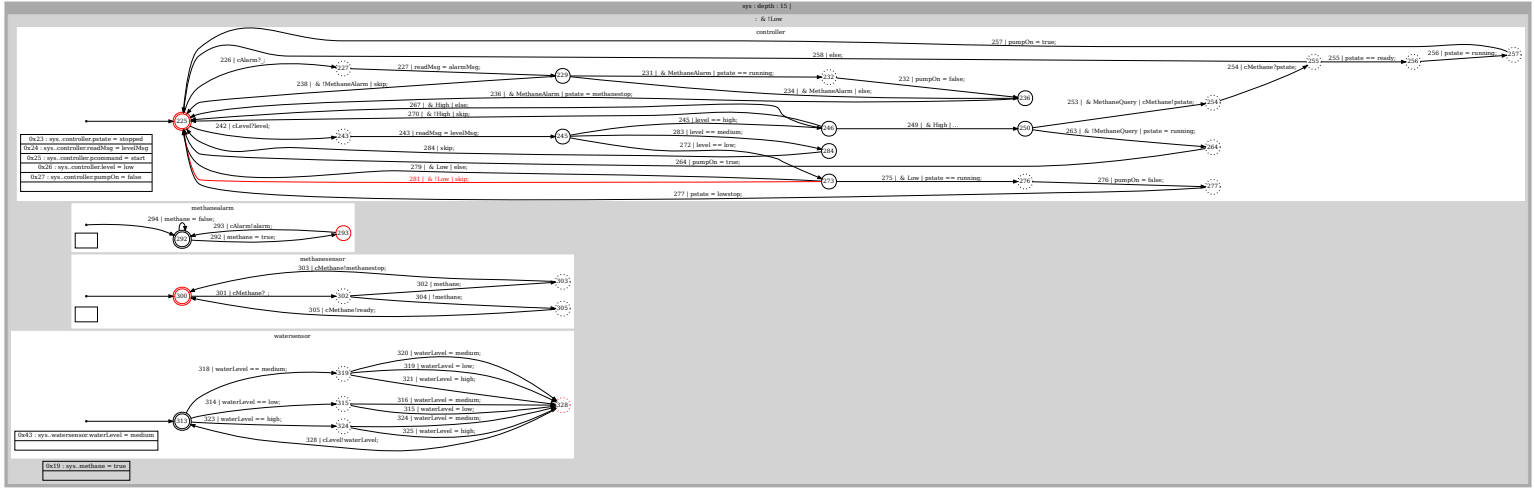

sys : depth : 11 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260 | & !High | else;
261 | & !High | skip;
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & Low | else;
268
269
270 | & !Low | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane!pstate;
methanealarm
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

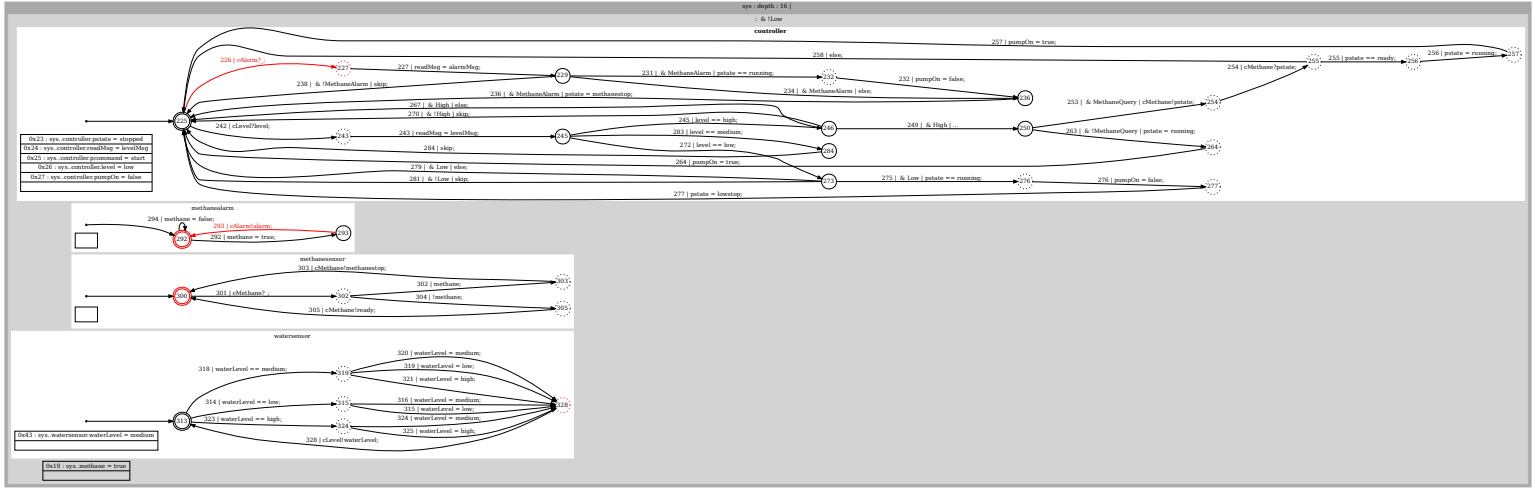

sys : depth : 12 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 ...
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 ...
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 ...
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 ...
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259 | pstate = stopped;
260 | pcommand = start;
261 | level = low;
262 | pumpOn = false;
263 | & !MethaneQuery | pstate = running;
264 | pumpOn = true;
265 | pumpOn = false;
266 | pumpOn = false;
267 | & High | else;
268 | pumpOn = false;
269 | pumpOn = false;
270 | & !High | skip;
271 | pumpOn = false;
272 | level = low;
273 | pumpOn = false;
274 | pumpOn = false;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pumpOn = false;
278 | pumpOn = false;
279 | & Low | else;
280 | pumpOn = false;
281 | & !Low | skip;
282 | pumpOn = false;
283 | level = medium;
284 | skip;
232 | pumpOn = false;
233 | pumpOn = false;
234 | & MethaneAlarm | else;
235 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
237 | pumpOn = false;
238 | & !MethaneAlarm | skip;
239 | pumpOn = false;
240 | pumpOn = false;
241 | pumpOn = false;
242 | cLevel?level;
243 | readMsg = levelMsg;
244 | pumpOn = false;
245 | level == high;
246 | pumpOn = false;
247 | pumpOn = false;
248 | pumpOn = false;
249 | & High | ...
250 | pumpOn = false;
251 | pumpOn = false;
252 | pumpOn = false;
253 | & MethaneQuery | cMethane!pstate;
254 | pumpOn = false;
255 | pumpOn = false;
256 | pumpOn = false;
257 | pumpOn = true;
258 | else;
259 | pstate = stopped;
260 | pcommand = start;
261 | level = low;
262 | pumpOn = false;
263 | & !MethaneQuery | pstate = running;
264 | pumpOn = true;
265 | pumpOn = false;
266 | pumpOn = false;
267 | & High | else;
268 | pumpOn = false;
269 | pumpOn = false;
270 | & !High | skip;
271 | pumpOn = false;
272 | level = low;
273 | pumpOn = false;
274 | pumpOn = false;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pumpOn = false;
278 | pumpOn = false;
279 | & Low | else;
280 | pumpOn = false;
281 | & !Low | skip;
282 | pumpOn = false;
283 | level = medium;
284 | skip;
methanesensor
0x19 : sys._methane = true
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
methanealarm
292
293
293 | methane = false;
292 | methane = true;
293 | cAlarm!alarm;

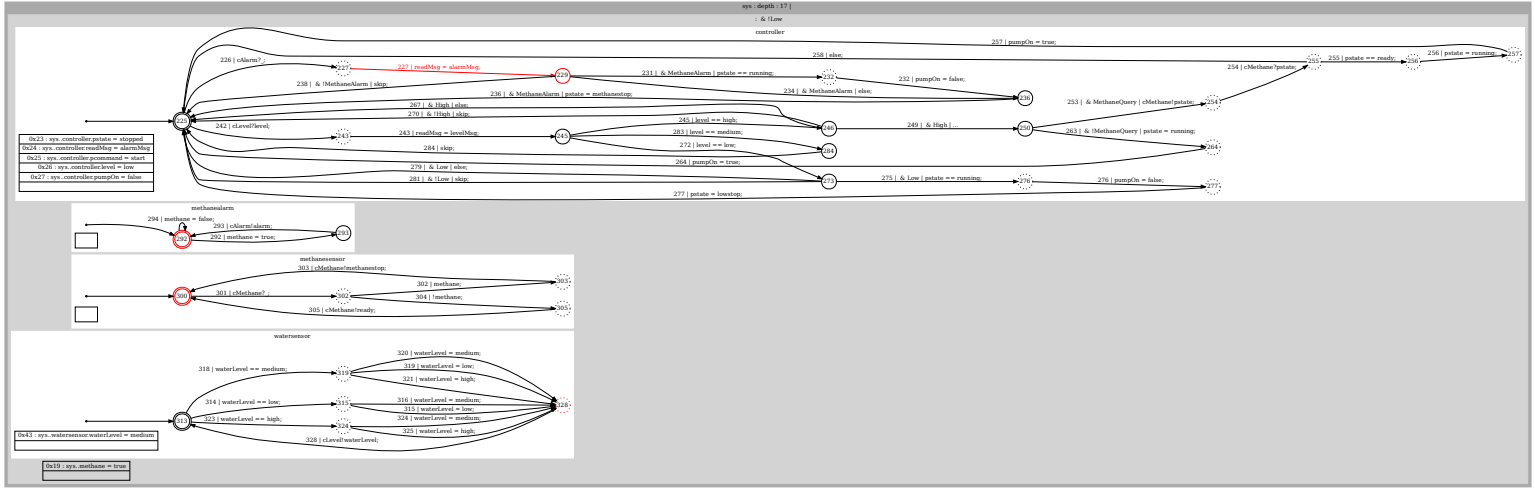

sys : depth : 13 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260 | & !High | else;
261
262 | & !High | skip;
263
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | & !MethaneQuery | pstate = running;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

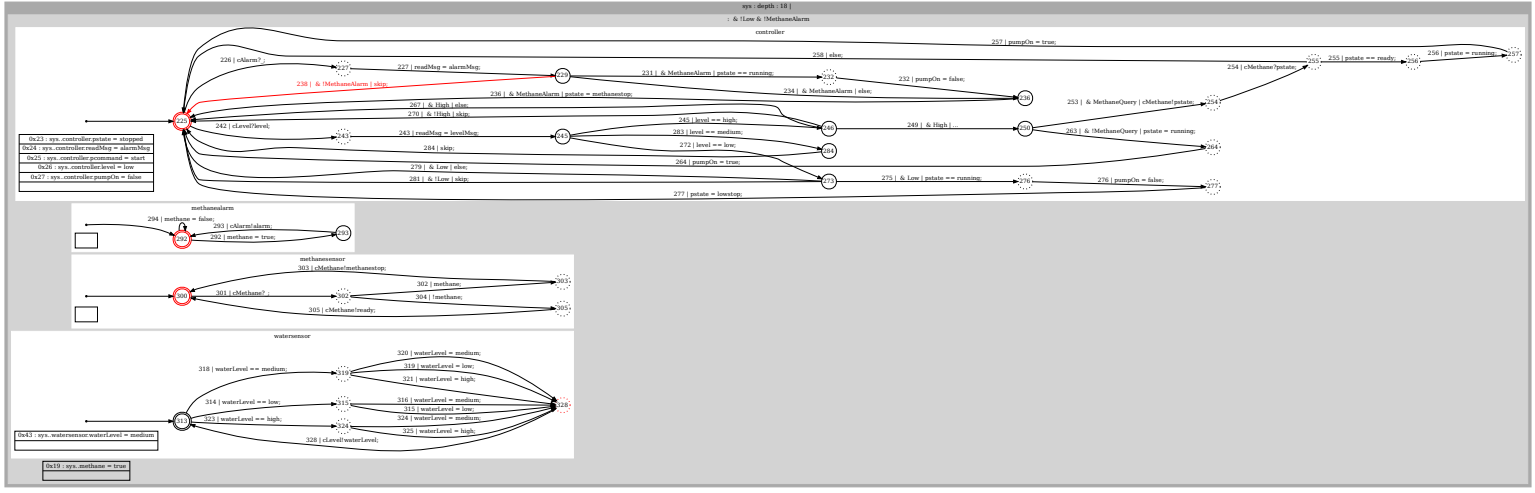

sys : depth : 14 |
: & !Low
controller
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

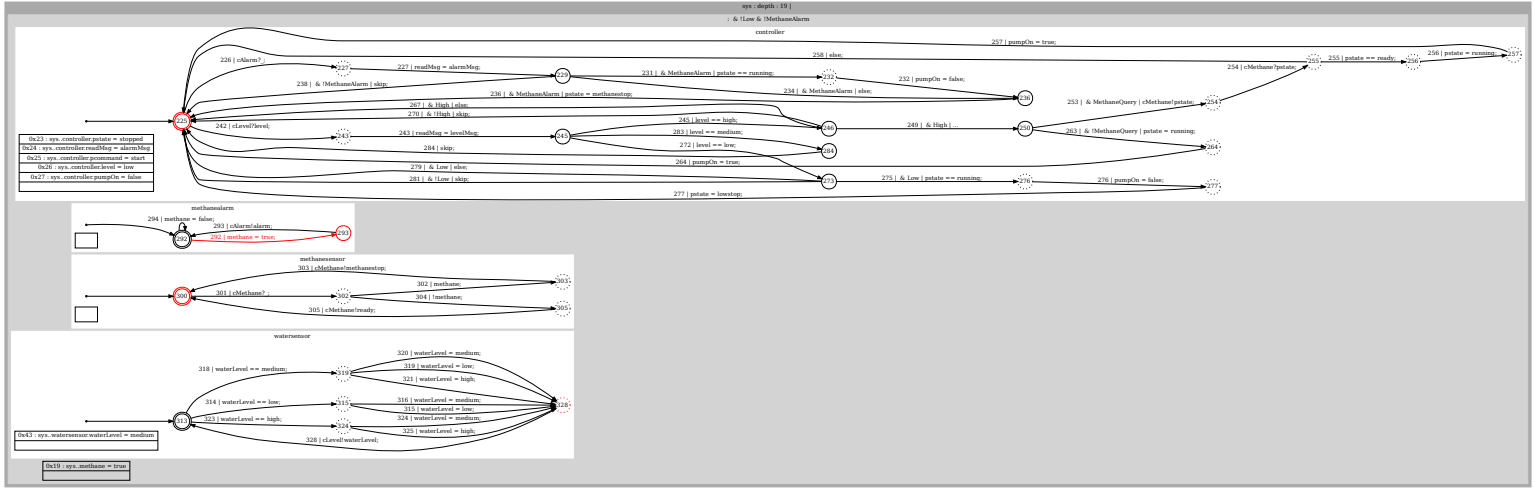

sys : depth : 14 |
: & !Low
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaveal!waterLaveal;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

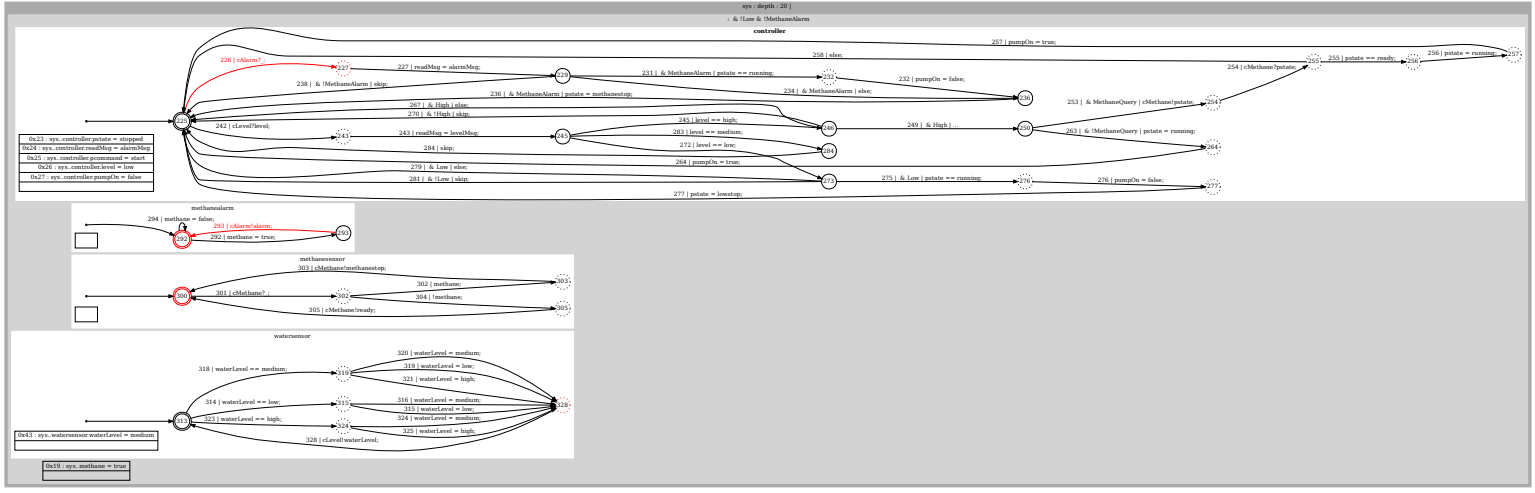

sys : depth : 15 |
: & !Low
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
258 | else;
257 | pumpOn = true;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true


sys : depth : 16 |
: & !Low
controller
0x23 : sys. controller.pstate = stopped
0x24 : sys. controller.readMsg = levelMsg
0x25 : sys. controller.pcommand = start
0x26 : sys. controller.level = low
0x27 : sys. controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLevel!waterLevel;
319
0x43 : sys. watersensor.waterLevel = medium
0x19 : sys. methane = true


sys : depth : 17 |
: & !Low
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane?methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
323 | waterLevel == high;
315
324
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaval!waterLaval;
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true


sys : depth : 18 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
243 | level == high;
283 | level == medium;
272 | level == low;
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaveal!waterLaveal;
319
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true


sys : depth : 19 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257
257 | pumpOn = true;
258 | else;
259
260 | pstate = running;
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266 | pstate = lowstop;
267 | & High | else;
270 | & !High | skip;
272
273
274 | & Low | pstate == running;
275 | & Low | else;
276
276 | pumpOn = false;
277
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
284
272 | level == low;
277 | pstate = lowstop;
methanesalarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = medium
319
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x19 : sys.methane = true


sys : depth : 20 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
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273
274
275 | & Low | pstate == running;
276 | pumpOn = false;
277
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
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290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
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310
311
312
313
314 | waterLaval == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
325 | waterLevel = high;
326
327
328 | cLaval!waterLaval;
329
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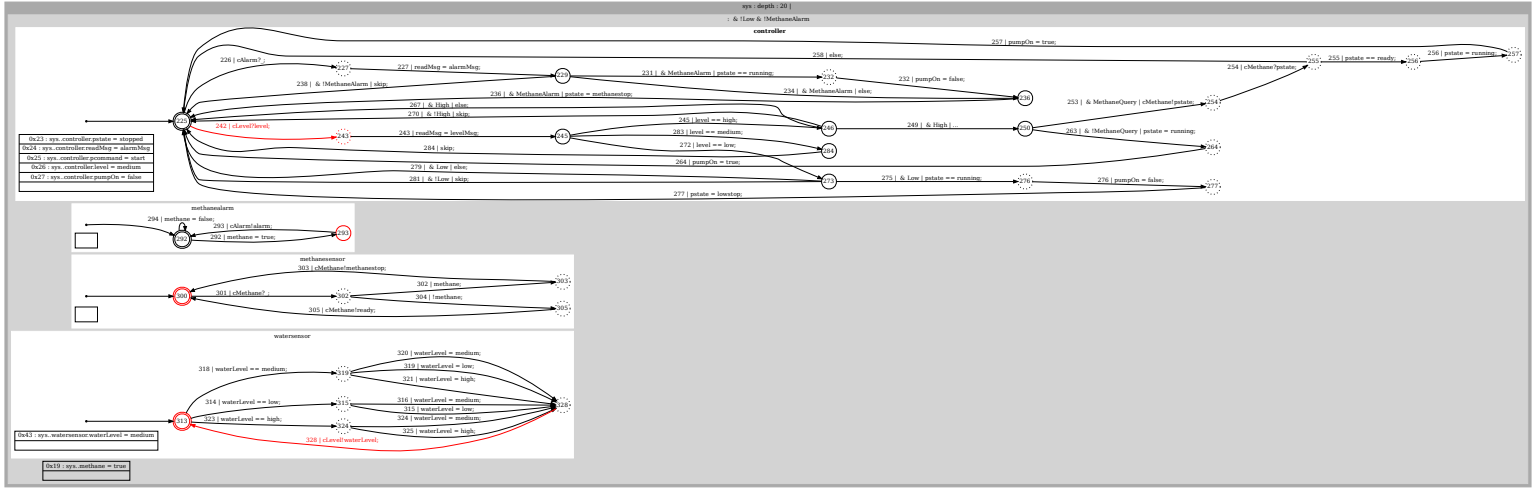
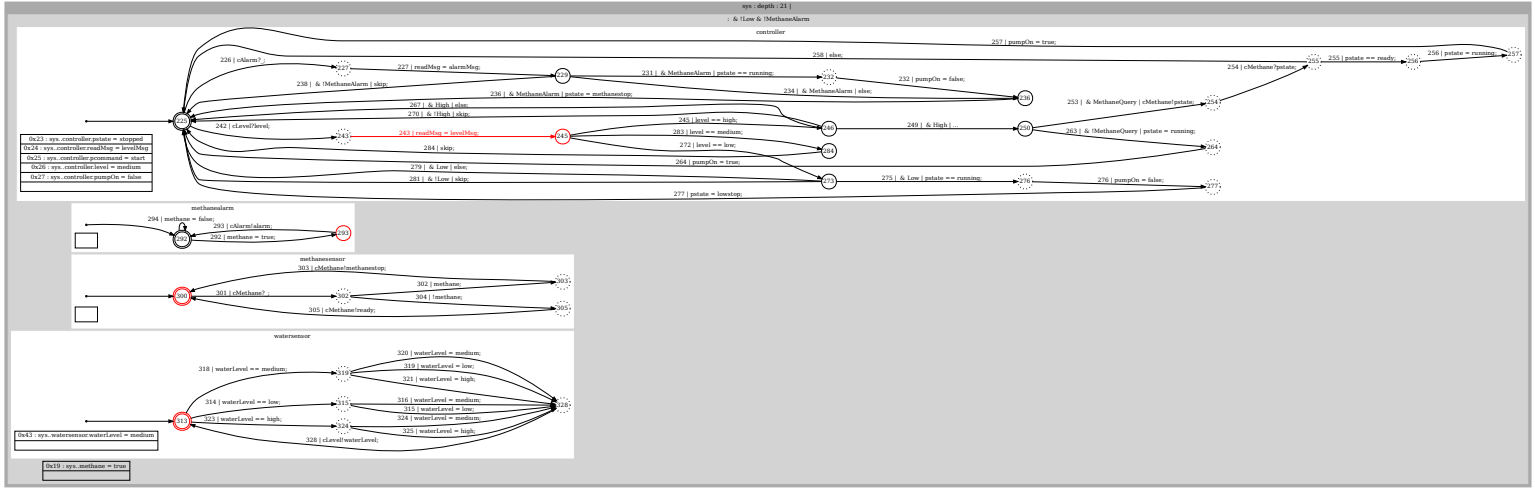
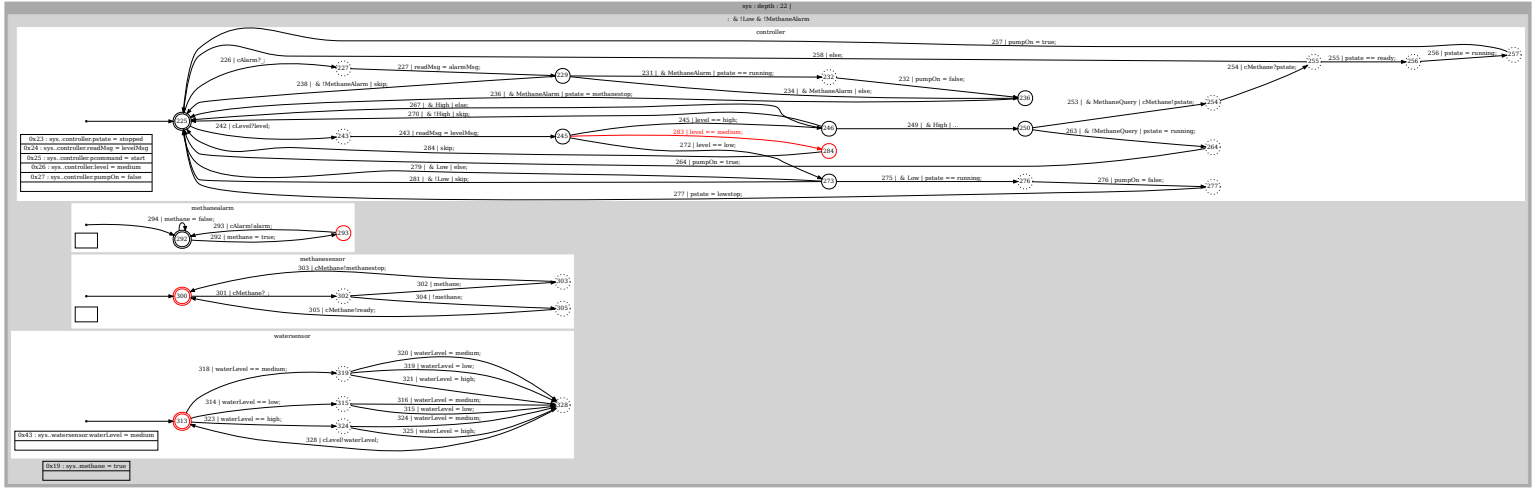
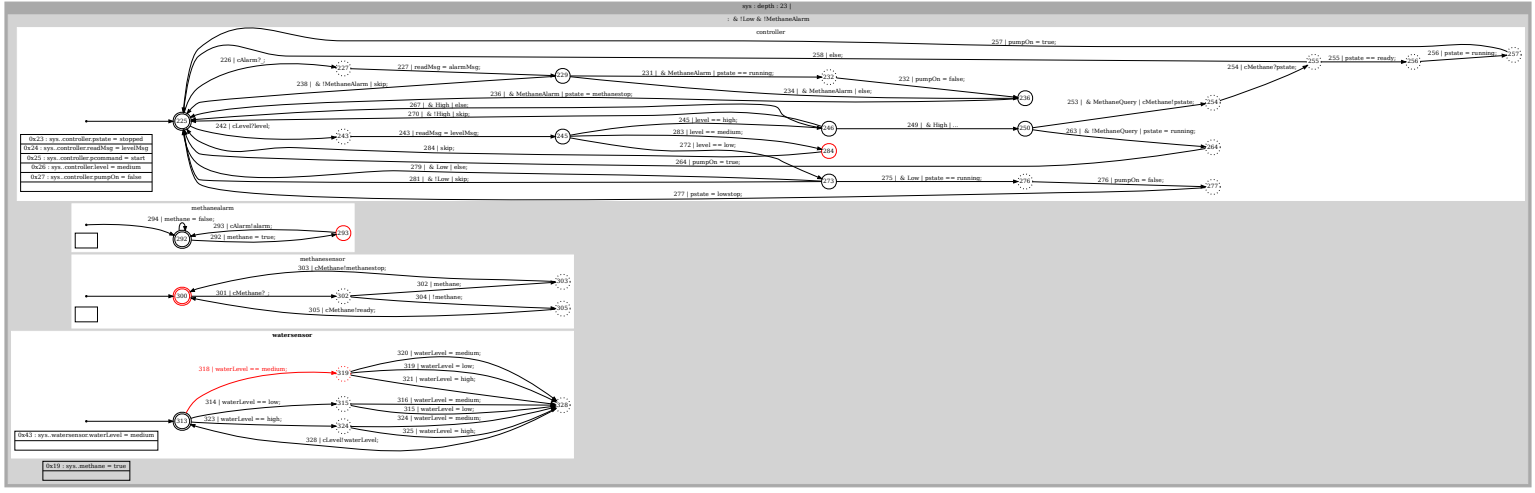
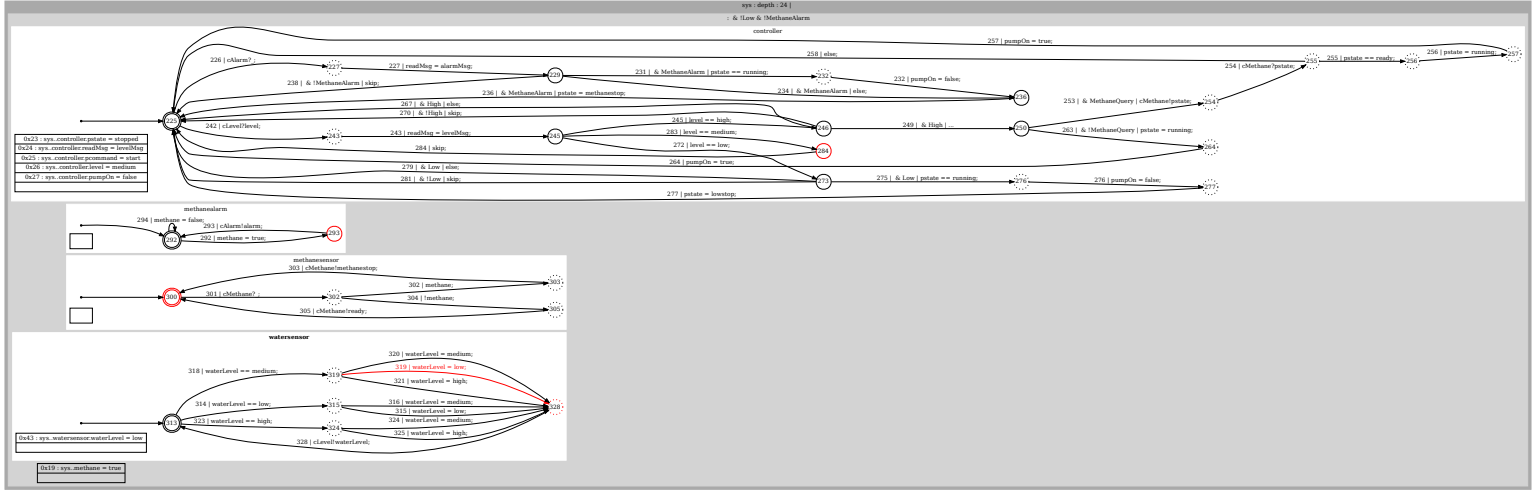
watersensor
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

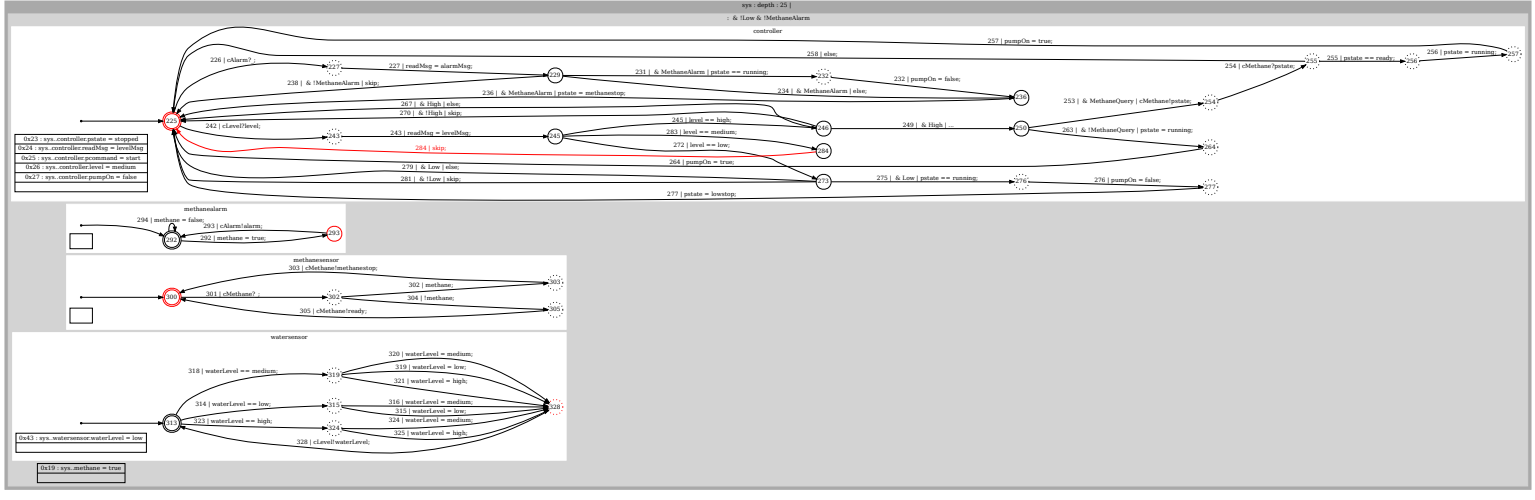

sys : depth : 20 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
257
254 | cMethane?pstate;
254
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305
305 | cMethane!ready;
waterlsensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
313
328 | cLaval!waterLevel;
0x43 : sys.waterlsensor.waterLevel = medium
0x19 : sys.methane = true

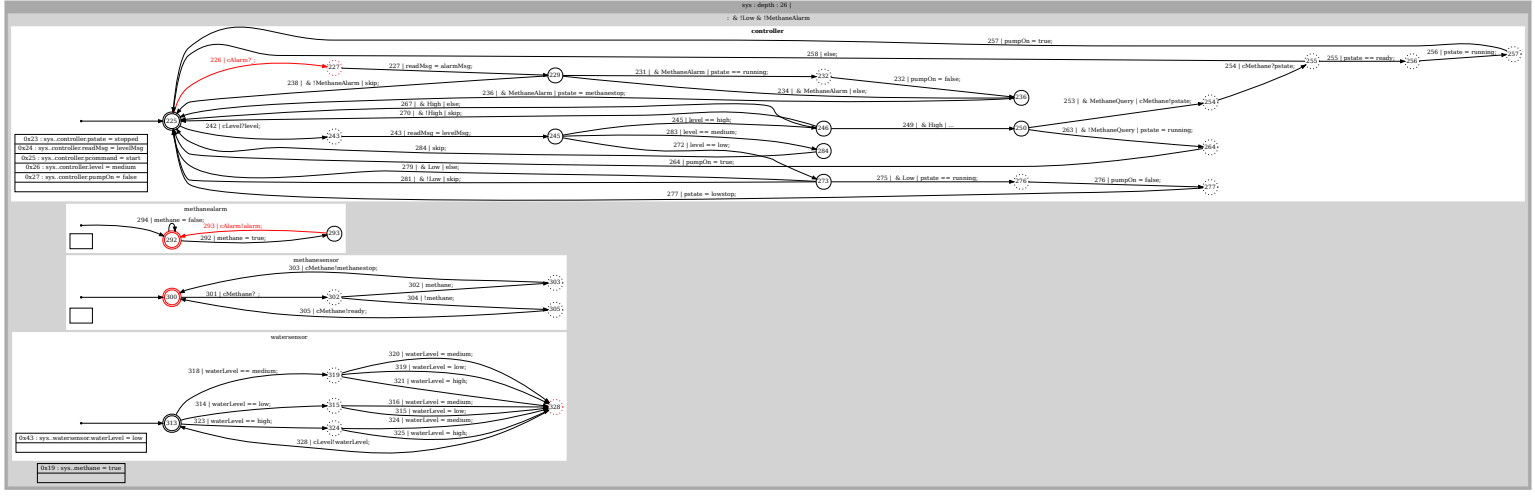

sys : depth : 21 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
229
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
257
254 | cMethane?pstate;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
313
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

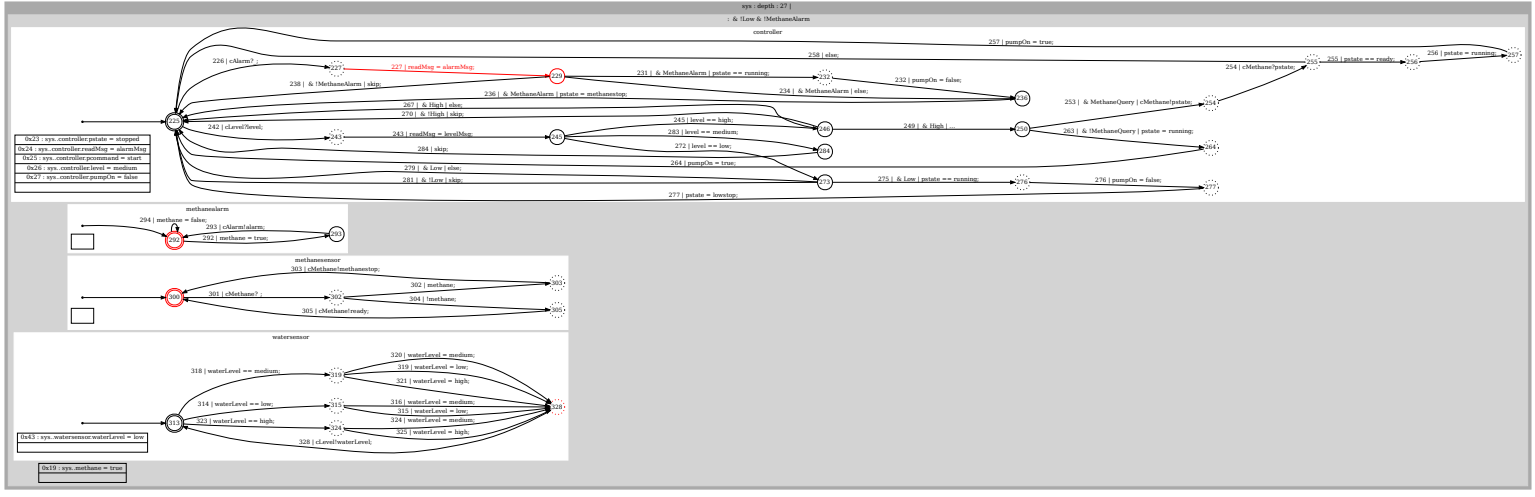

sys : depth : 22 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
284
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
313
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

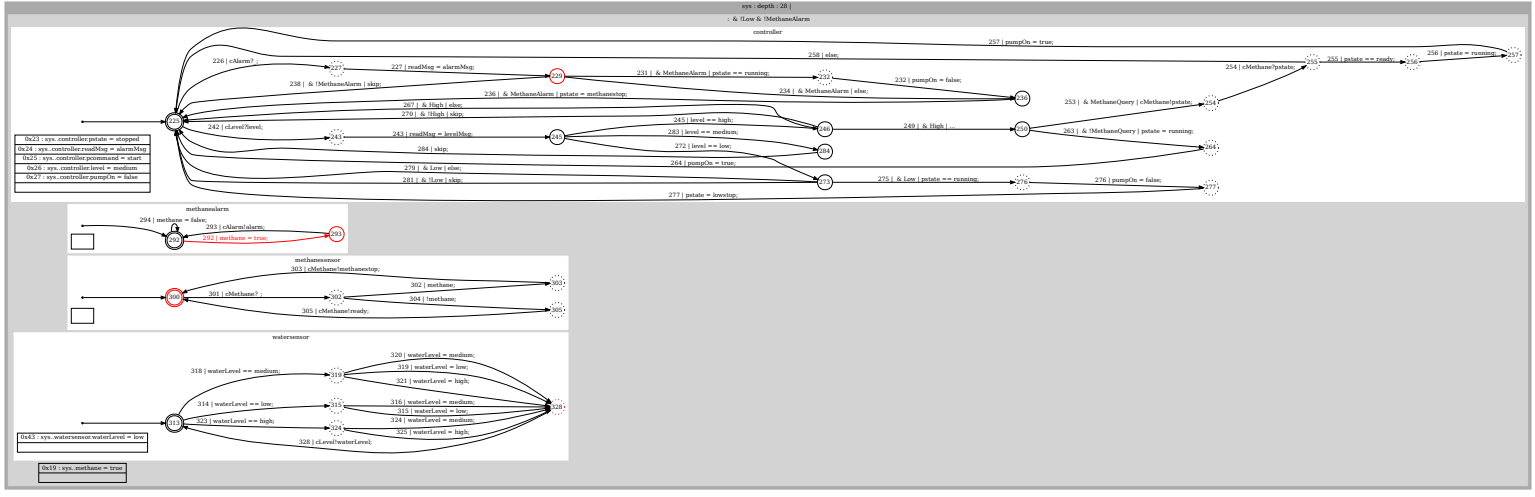

sys : depth : 23 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
323 | waterLevel == high;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

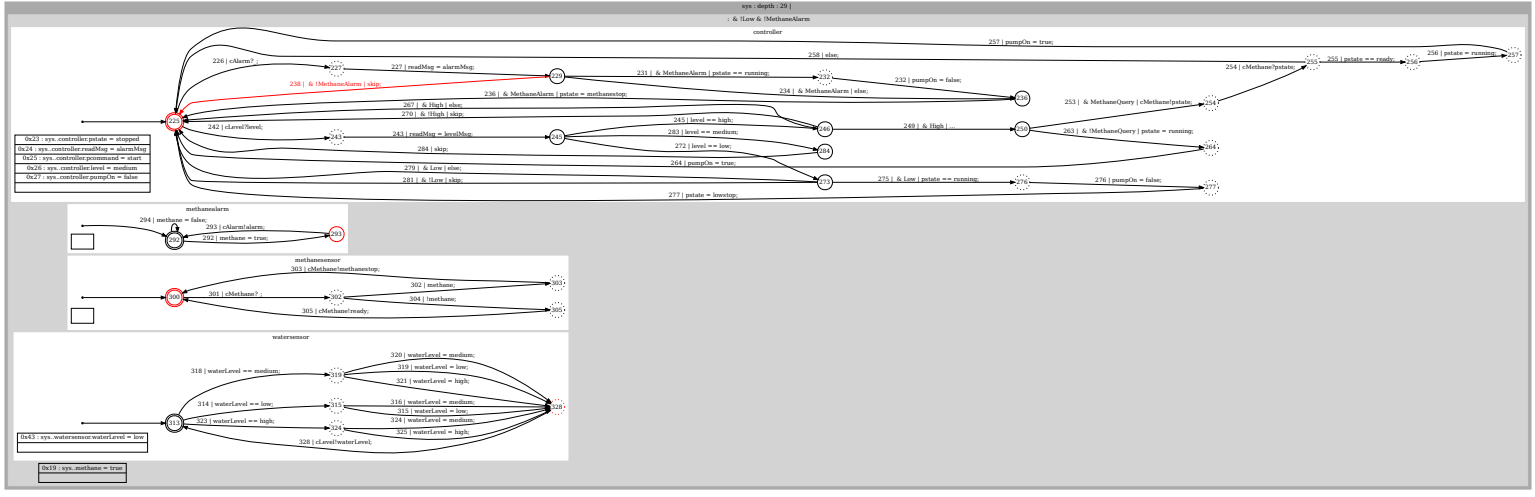

sys : depth : 24 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
258 | else;
257 | pumpOn = true;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

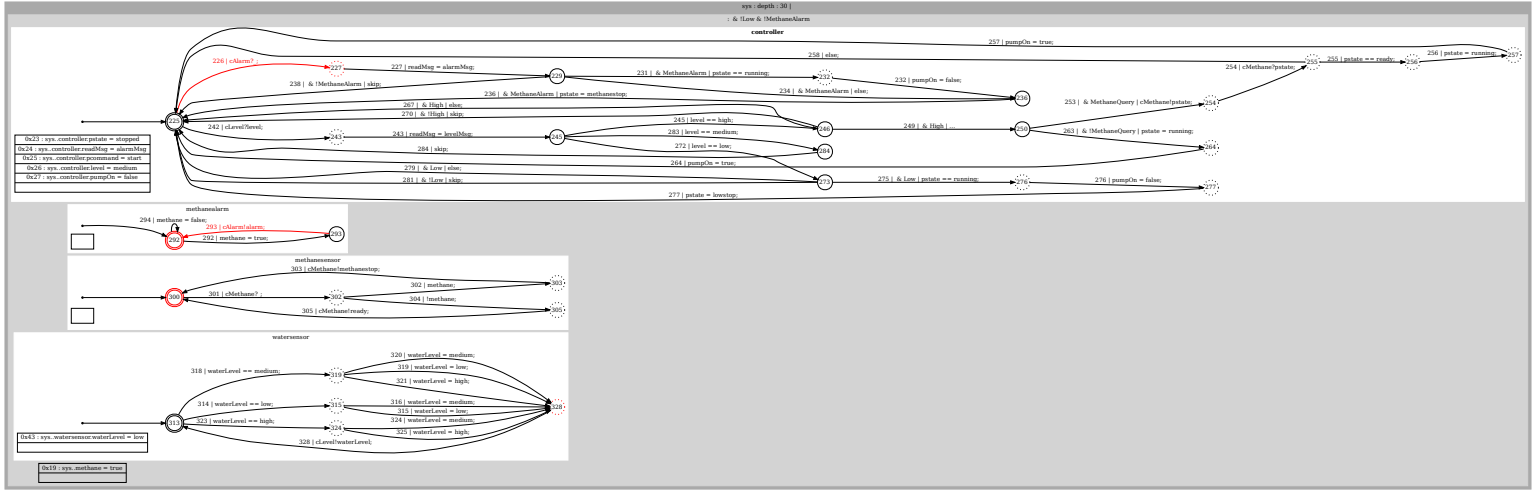

sys : depth : 25 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
245 | level == medium;
246
247
248
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
264 | pumpOn = true;
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | & !MethaneQuery | pstate = running;
284 | skip;
methanealarm
292
293 | cAlarm!alarm;
293
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
313
0x43 : sys..watersensor.waterLevel = low
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

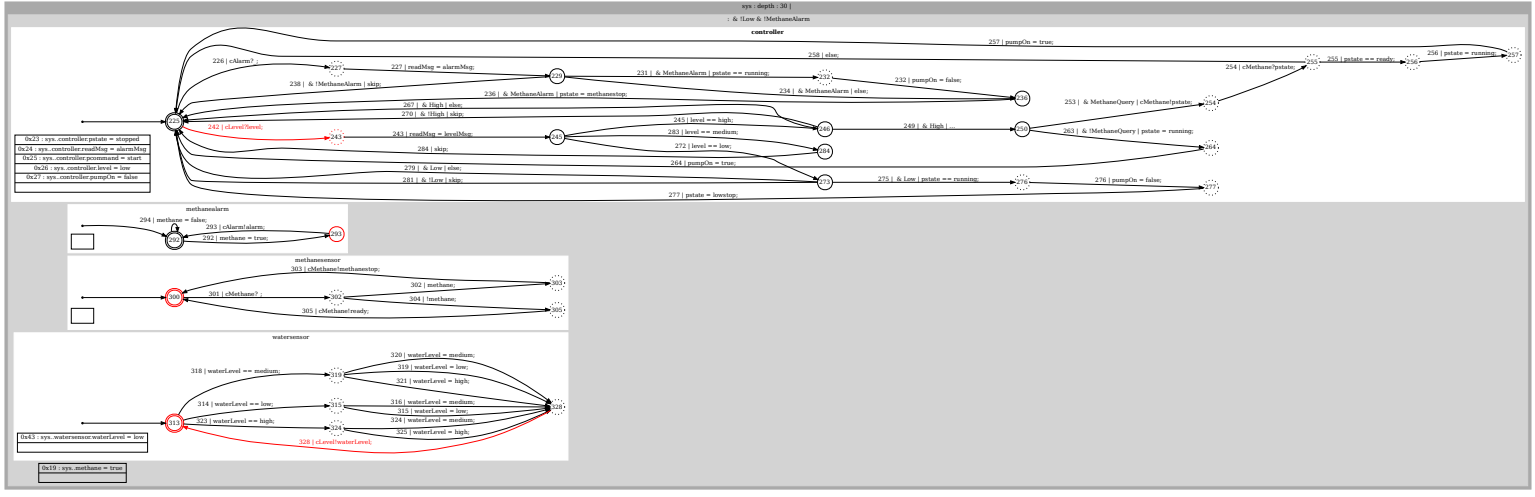

sys : depth : 26 |
: & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
279 | & Low | else;
254 | cMethane?pstate;
methanealarm
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301
302
303
304
305
301 | cMethane? ;
302 | methane;
304 | !methane;
303 | cMethane!methanestop;
305 | cMethane!ready;
watersensor
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
328
0x43 : sys..watersensor.waterLevel = low
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315 | waterLevel = low;
316 | waterLevel = medium;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

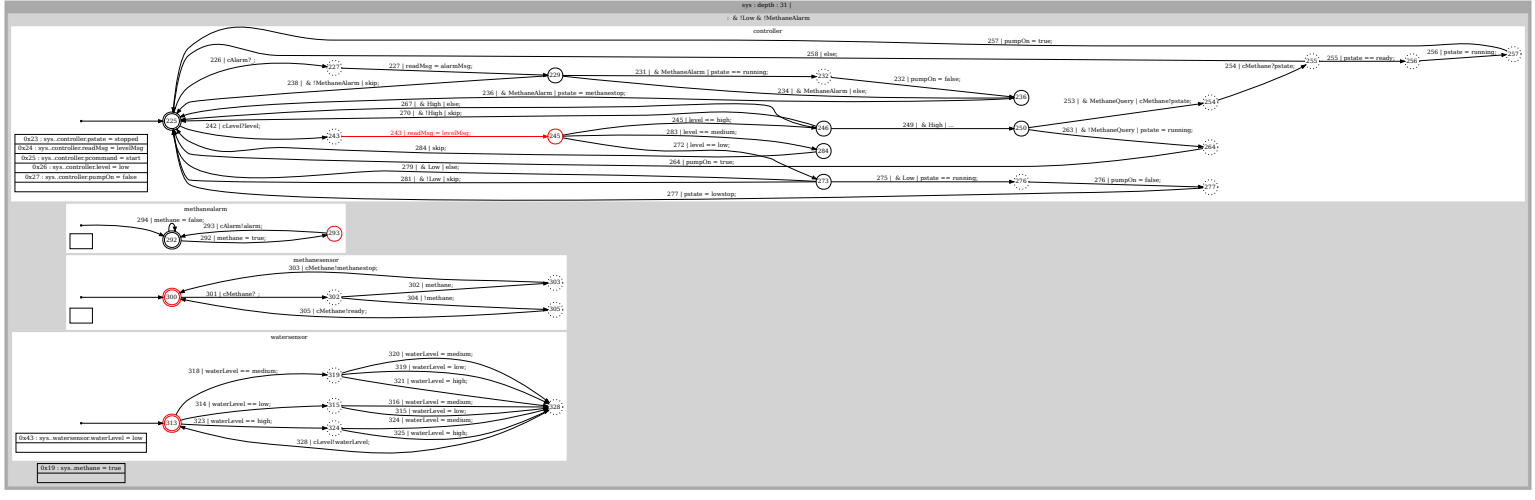

sys : depth : 27 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
277
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
264 | pumpOn = true;
254 | cMethane?pstate;
256 | pstate = running;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305 | cMethane!ready;
305
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys._methane = true

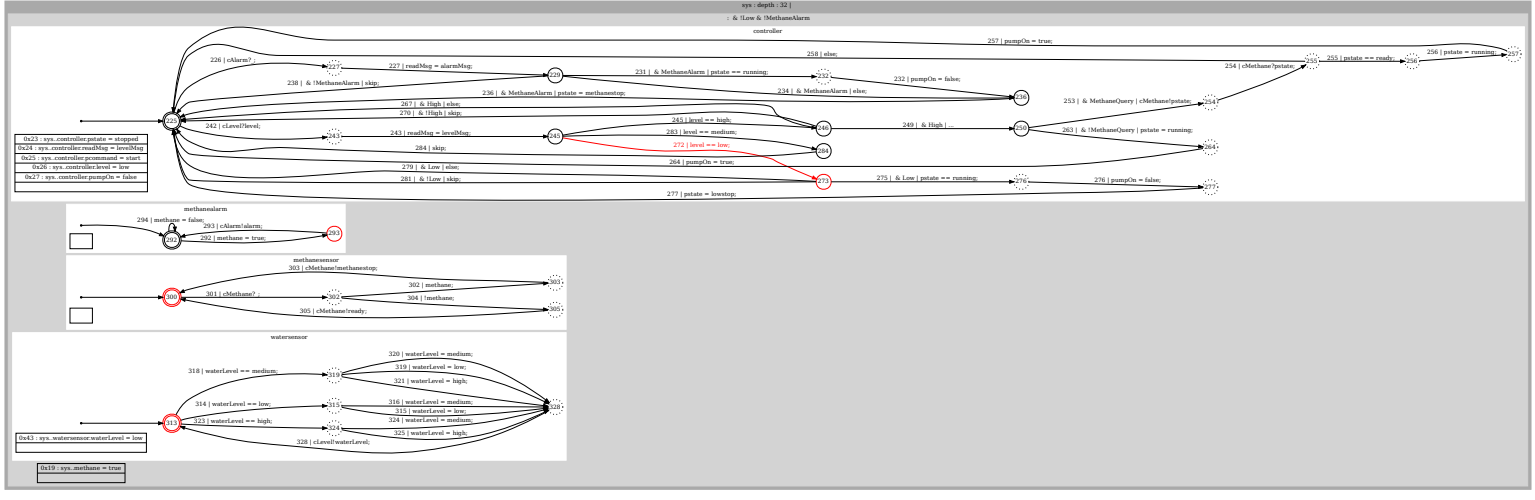

sys : depth : 28 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys..methane = true

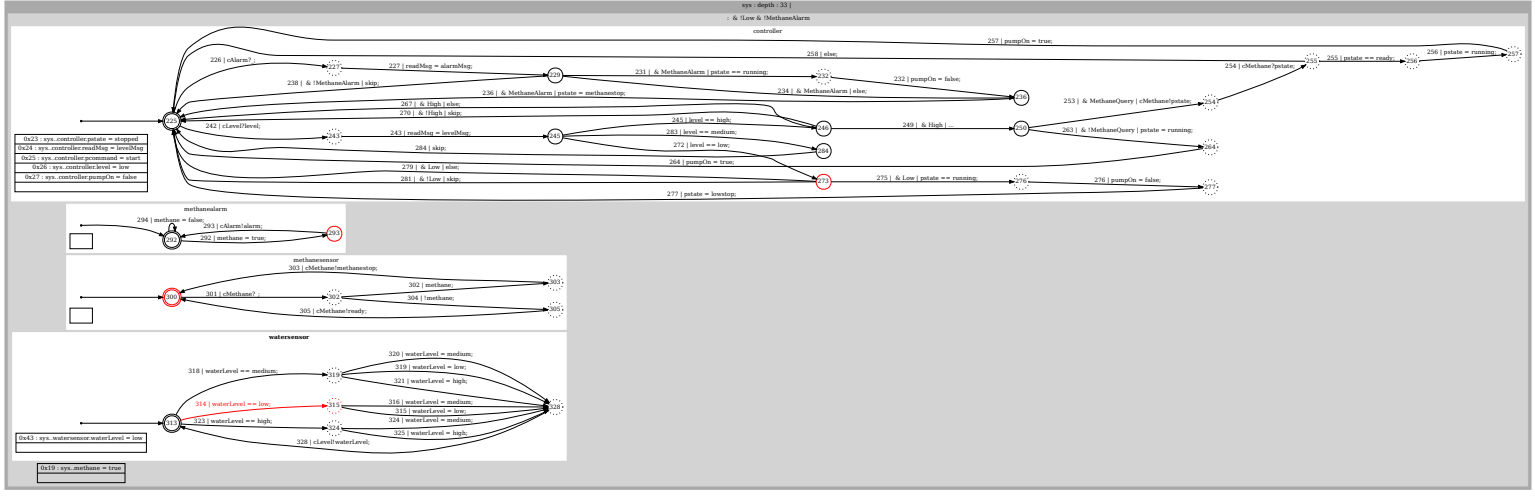

sys : depth : 29 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.rcmdMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | rcmdMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | rcmdMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
299
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

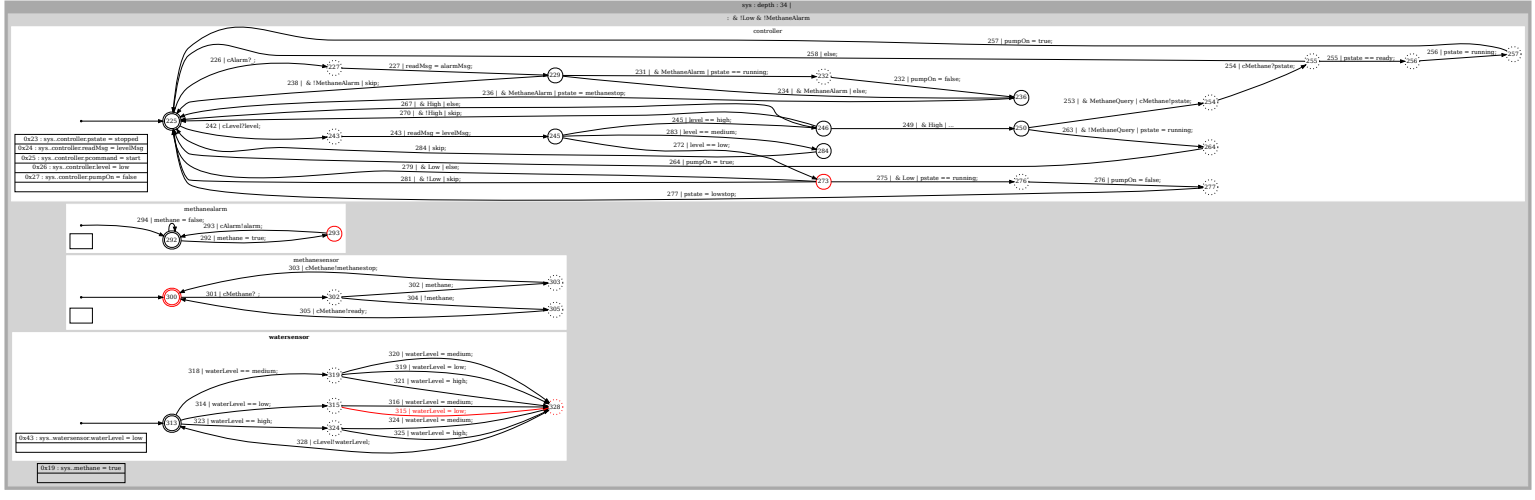

sys : depth : 30 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
276 | pumpOn = false;
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
303
304
305
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys..methane = true

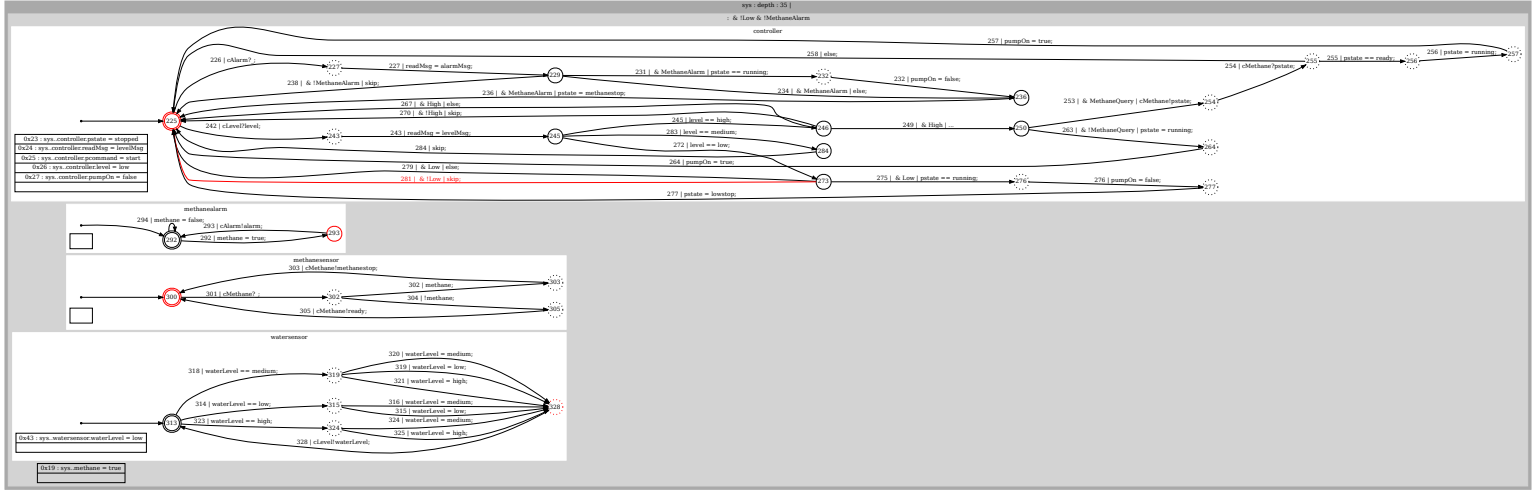

sys : depth : 30 |
: & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259 | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
313
314 | waterLevel == low;
318 | waterLevel == medium;
323 | waterLevel == high;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
324
328
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = low
0x19 : sys.methane = true

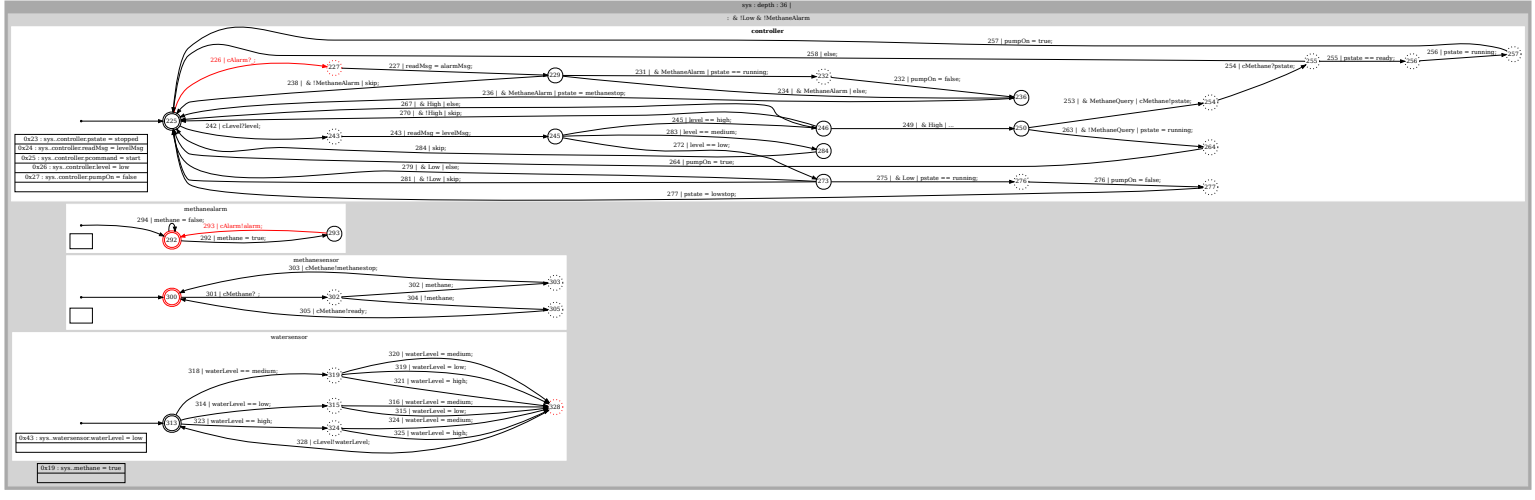

sys : depth : 31 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
279 | & Low | else;
281 | & !Low | skip;
264 | pumpOn = true;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

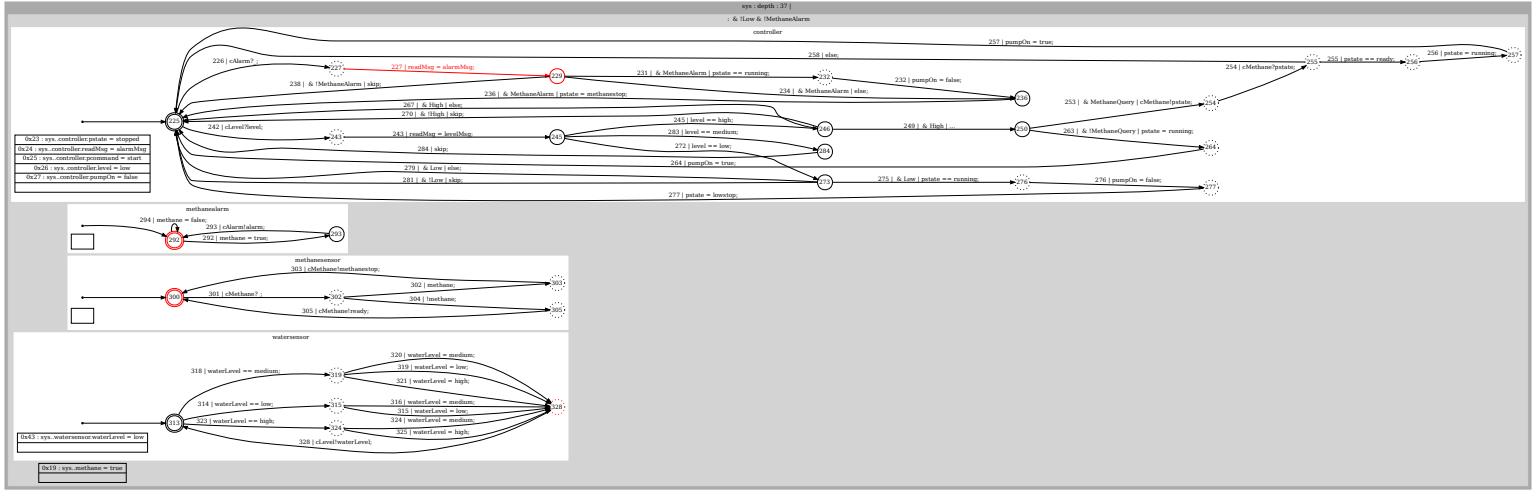

sys : depth : 32 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
279 | & Low | else;
281 | & !Low | skip;
264 | pumpOn = true;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

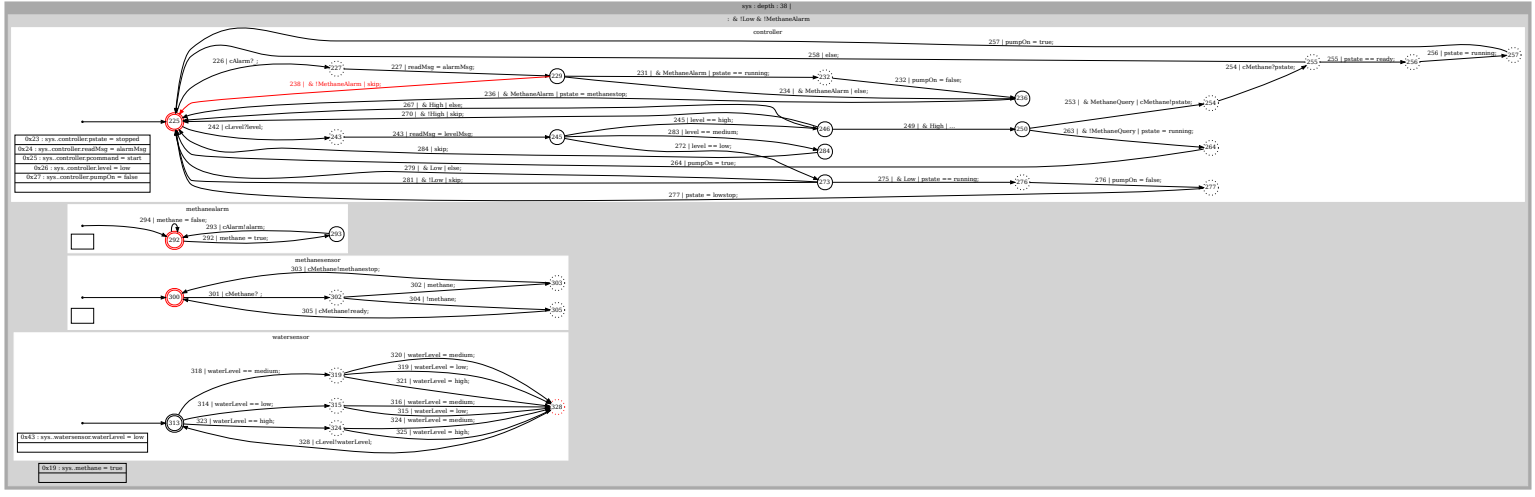

sys : depth : 33 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

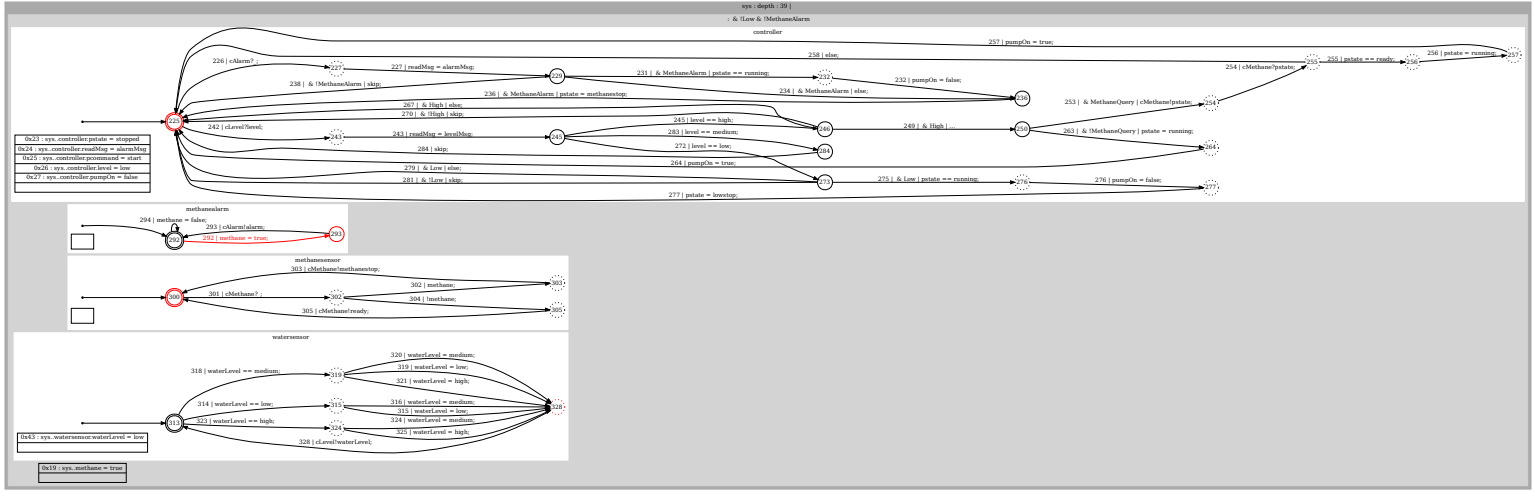

sys : depth : 34 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
methanealarm
291
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
327
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

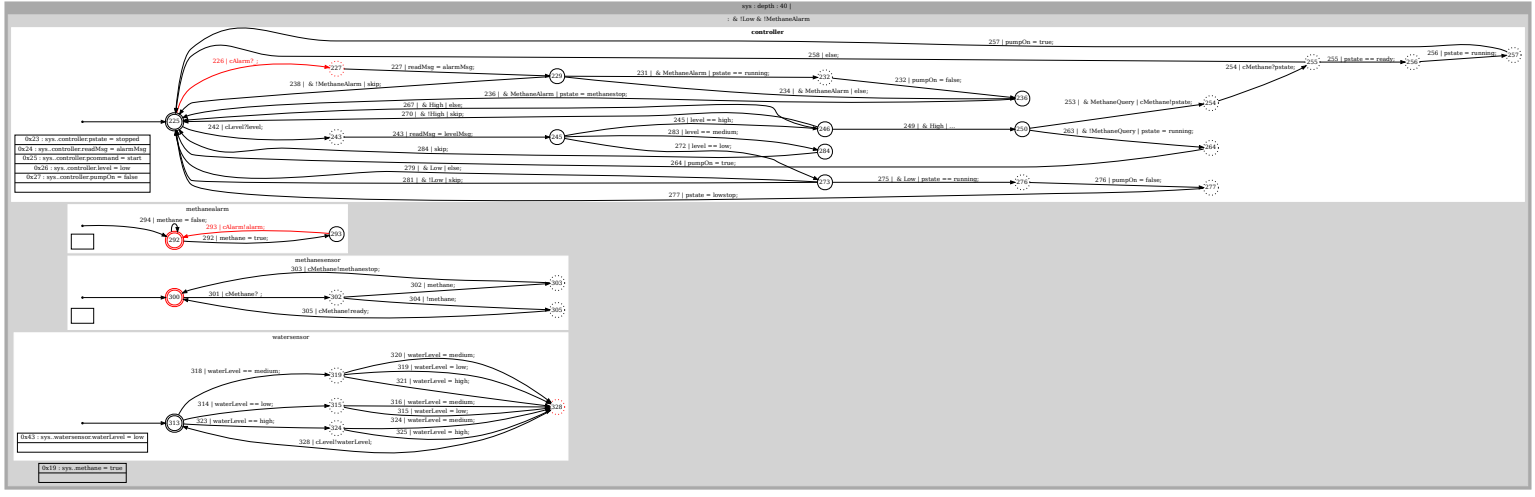

sys : depth : 35 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
291
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

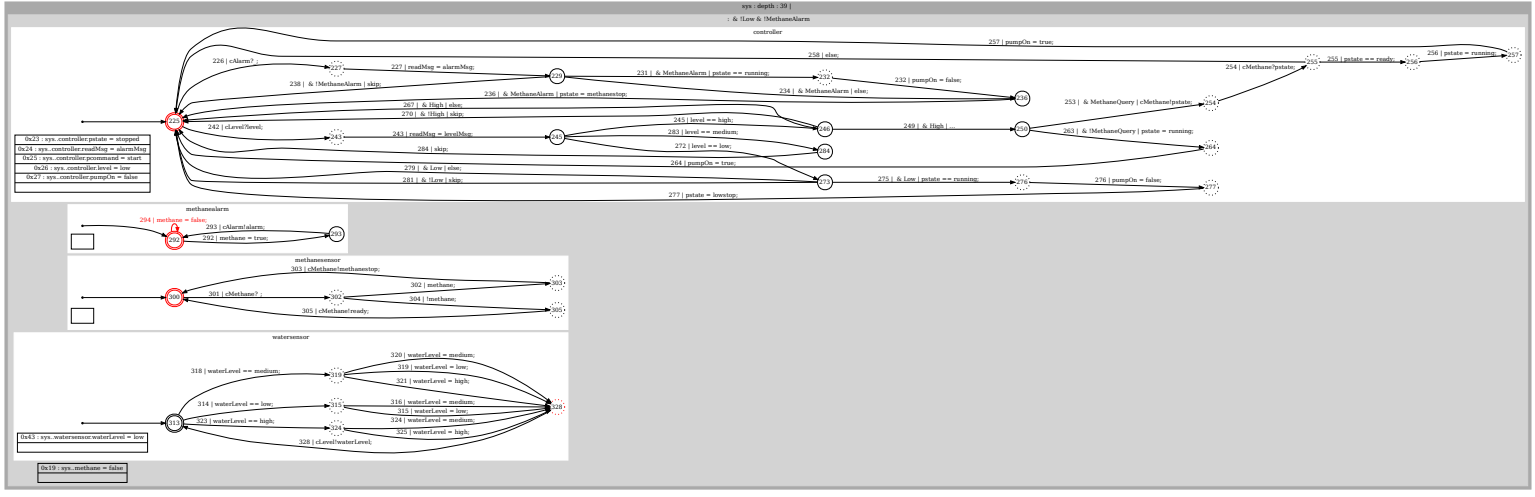

sys : depth : 36 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293 | cAlarm!alarm;
293
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

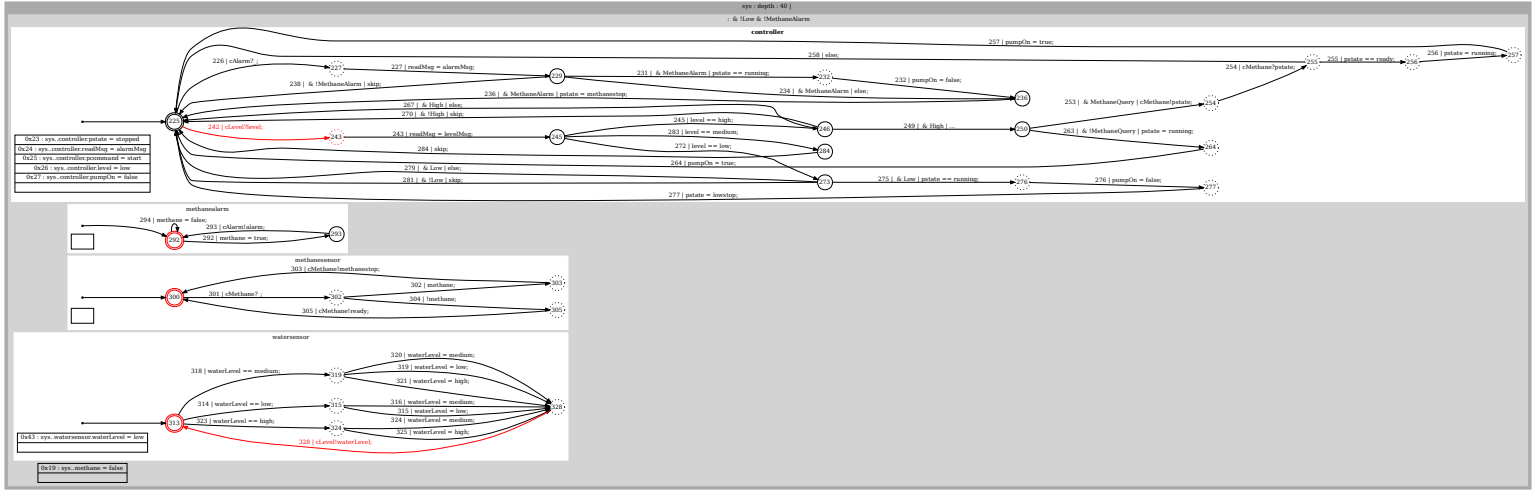

sys : depth : 37 |
: & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys.methane = true

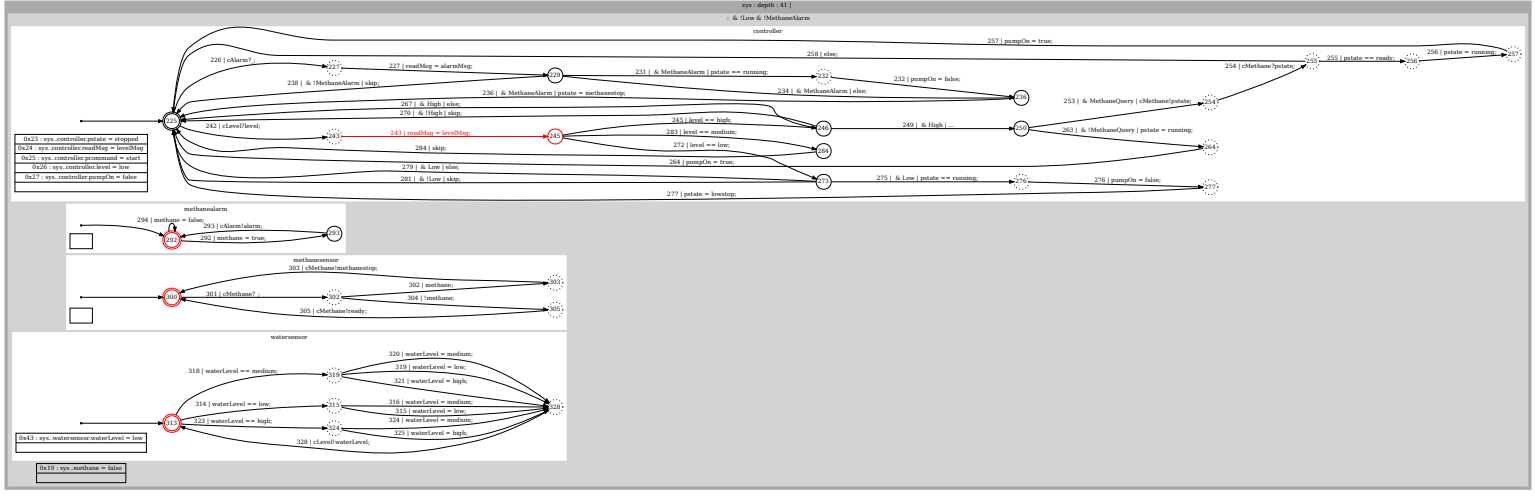

sys : depth : 38 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.rsmMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
225
226 | cAlarm? ;
227 | rsmMsg = alarmMsg;
228 | & !MethaneAlarm | skip;
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !High | else;
239
240
241
242 | cLevel?level;
243 | rsmMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274 | & Low | else;
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | pstate = running;
293 | pumpOn = false;
294 | methane = false;
295
296
297
298
299
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true
methanealarm
292
293
methanesensor
300
302
303
304
305
watersensor
313
315
328

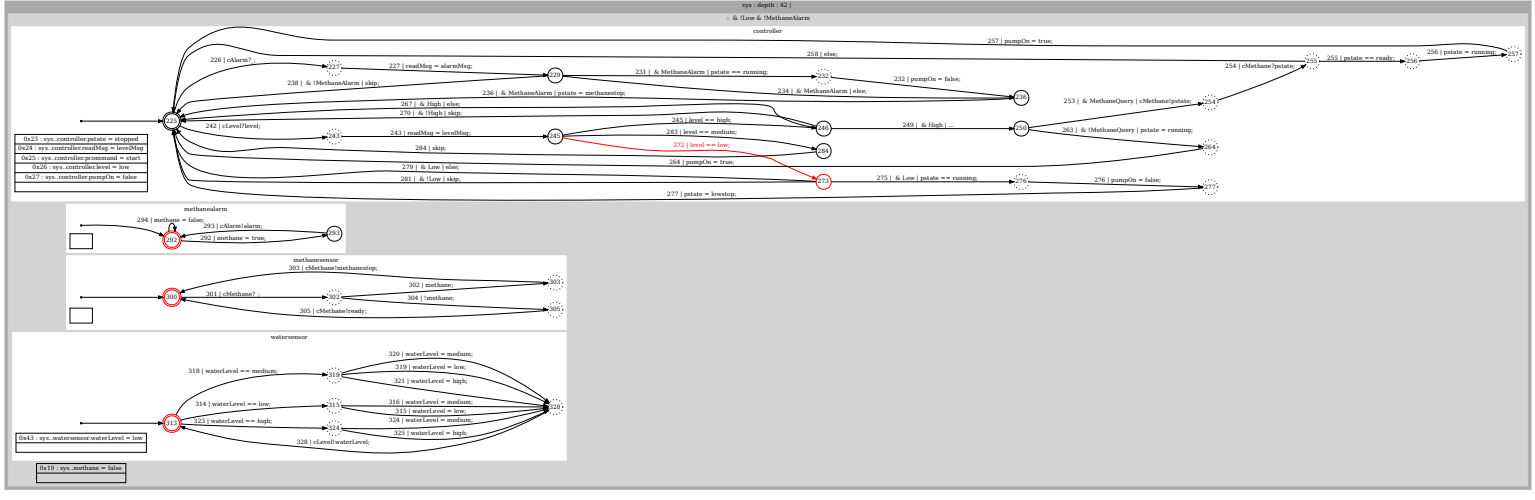

sys : depth : 39 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
264 | pumpOn = true;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys._methane = true

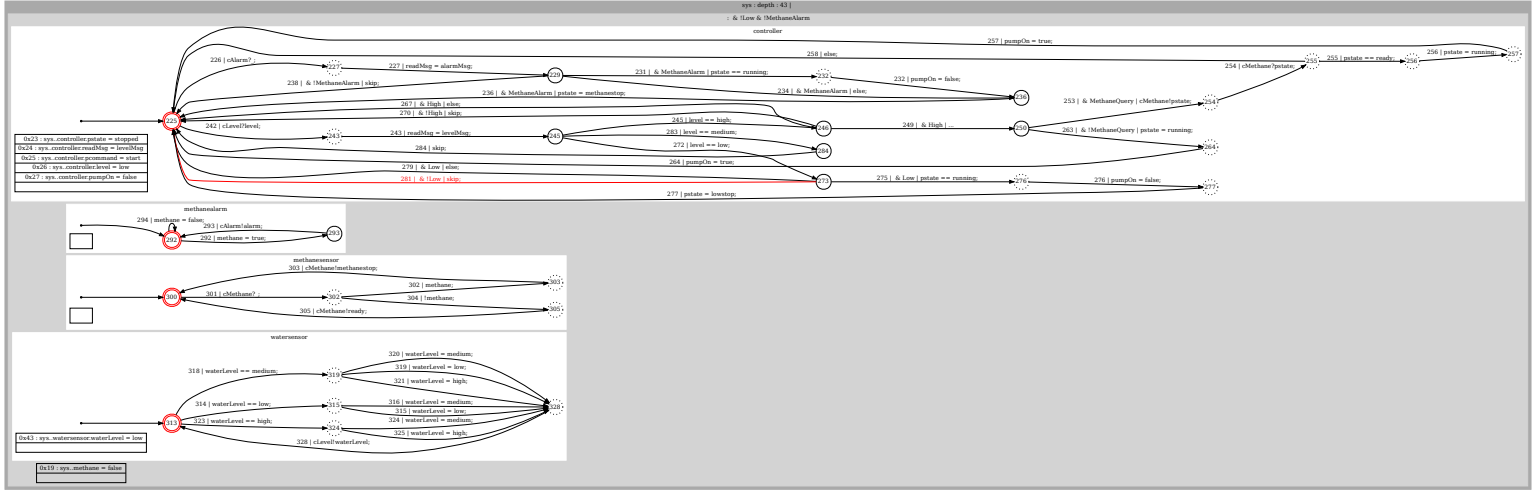

sys : depth : 40 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.rxmsMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | rxmsMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238 | & !High | else;
239 | & !High | skip;
240
241 | cLevel?level;
242
243 | rxmsMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259 | & MethaneQuery | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
292 | methane = true;
methanesensor
299
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
watersensor
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

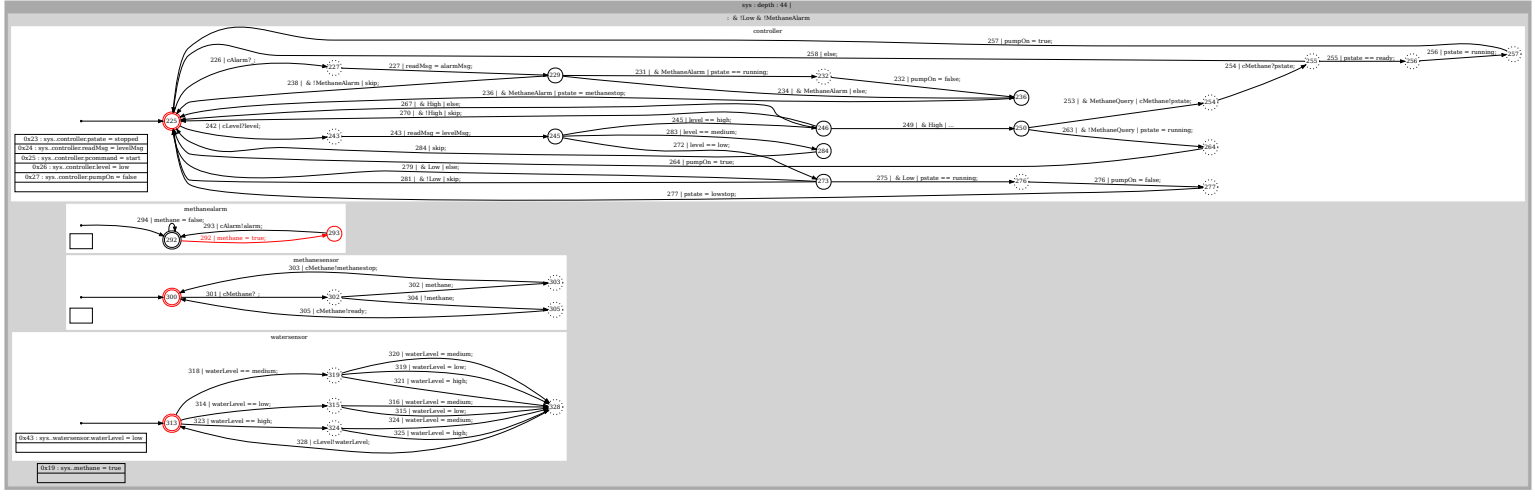

sys : depth : 39 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

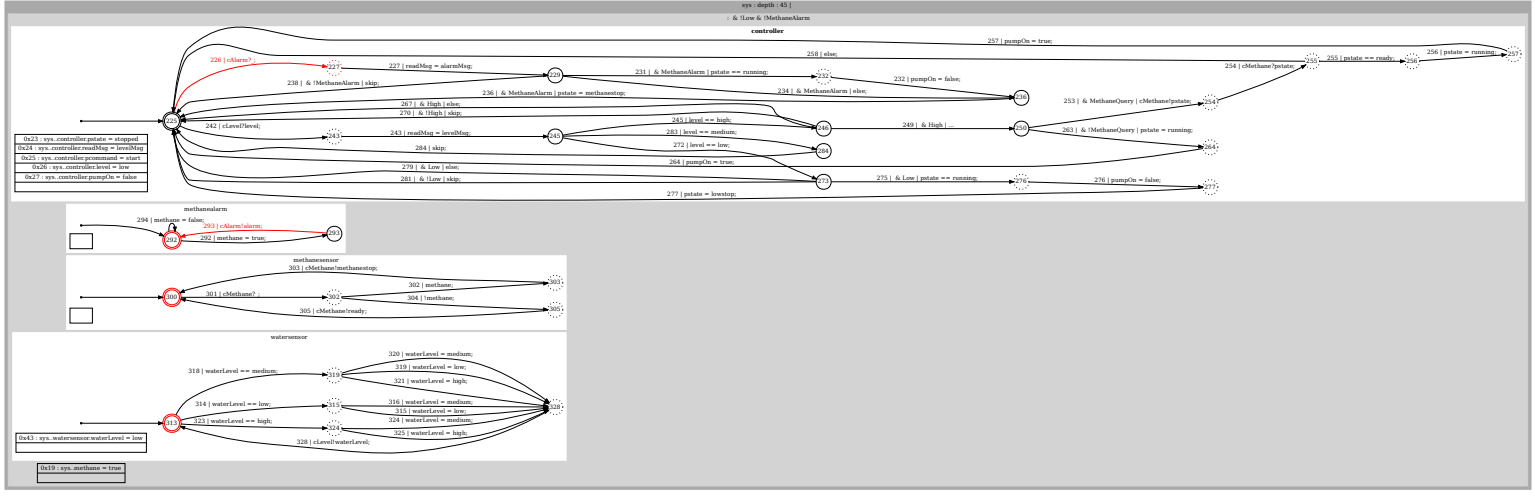

sys : depth : 40 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259 | pstate = stopped;
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

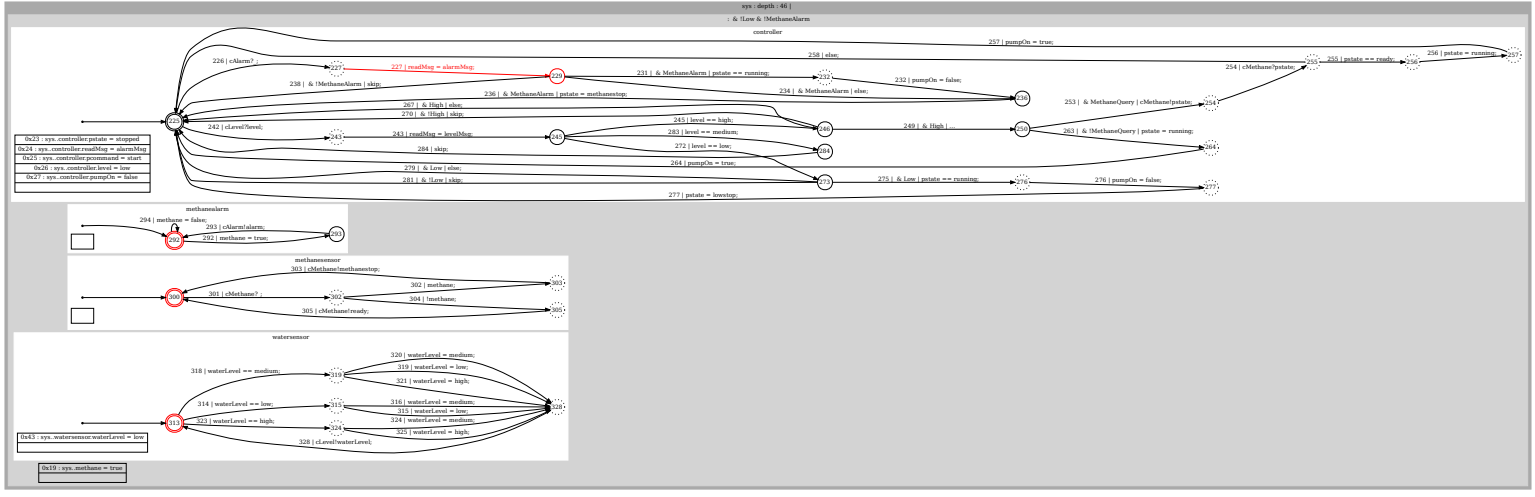

sys : depth : 41 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

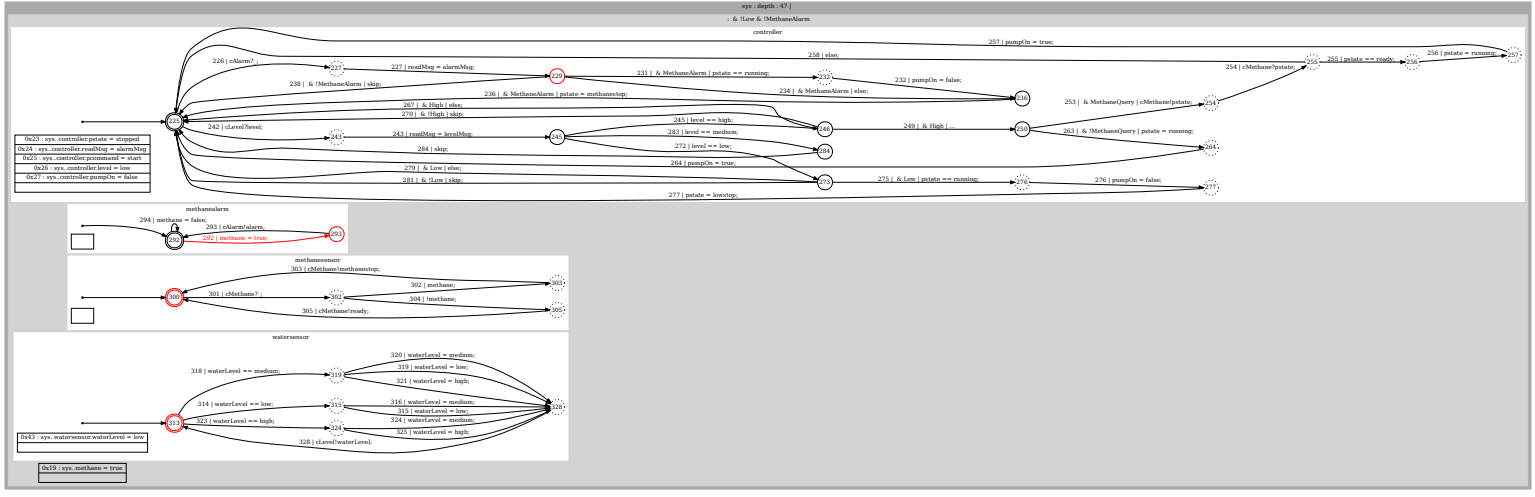

sys : depth : 42 |
: & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
282
283
284 | skip;
285
286
287
288
289
290
291
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

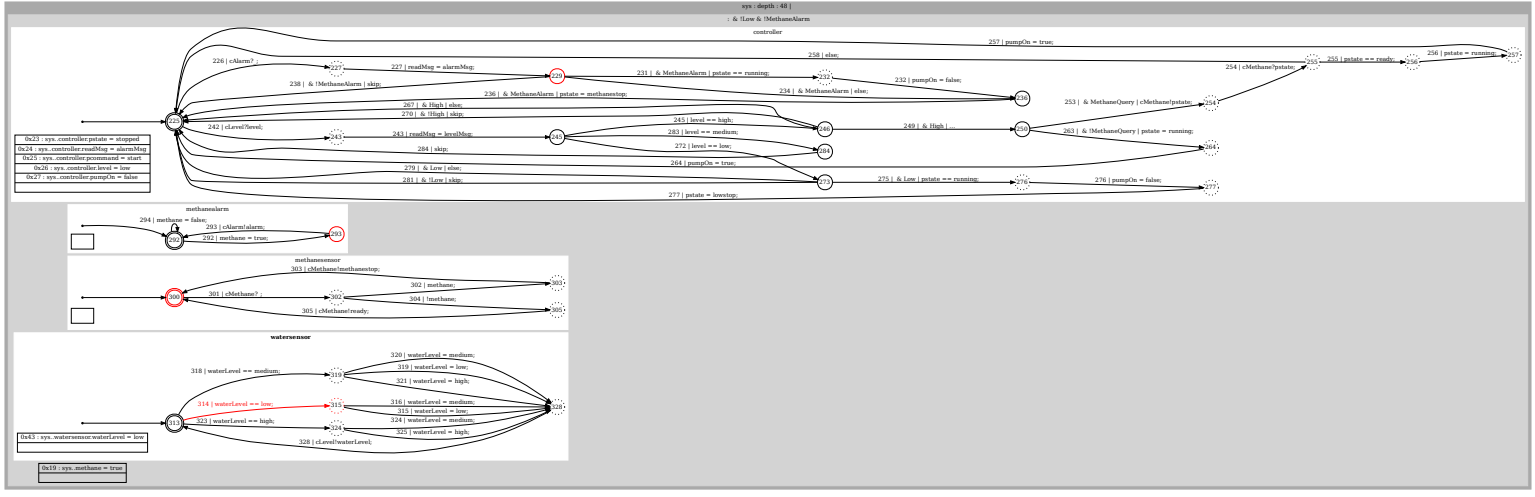

sys : depth : 43 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

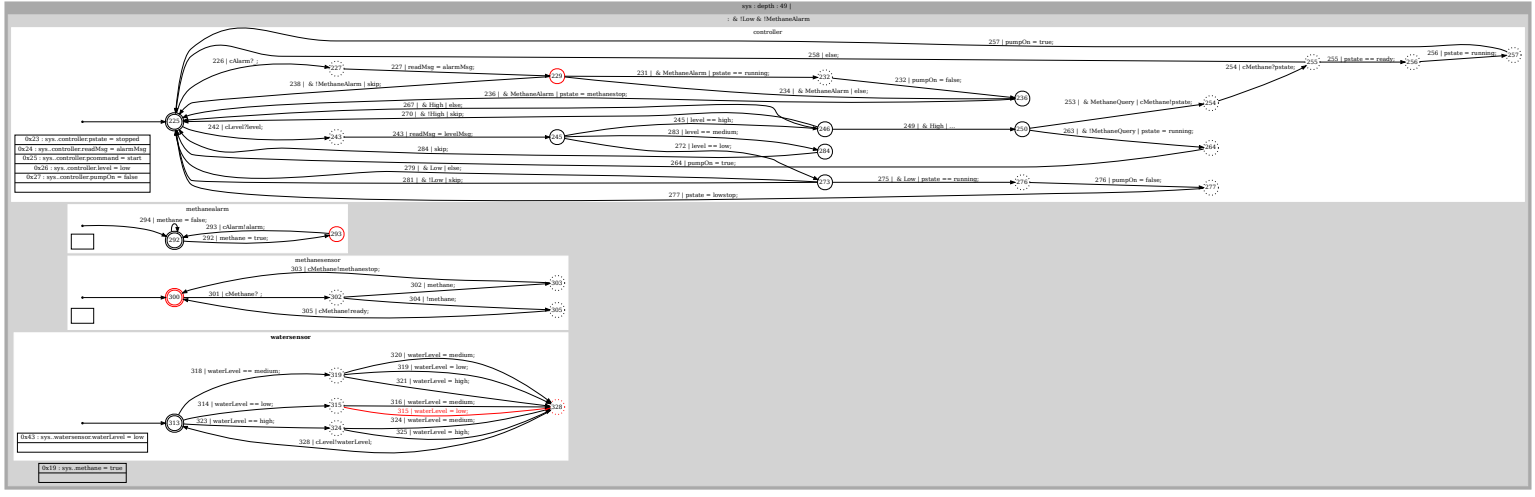

sys : depth : 44 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

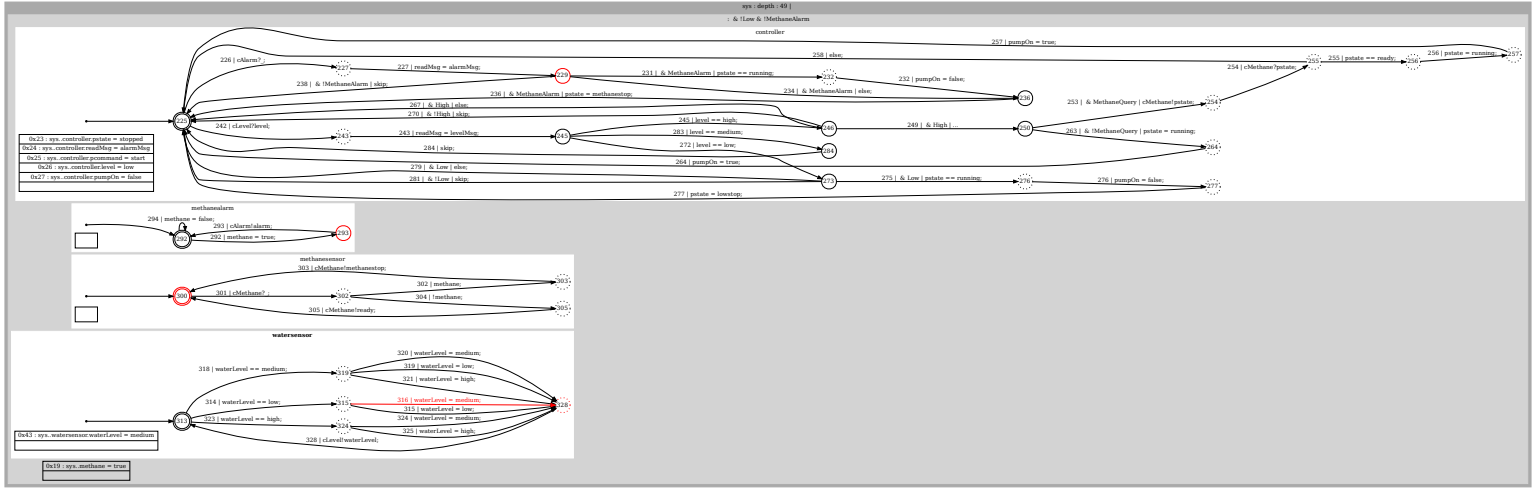

sys : depth : 45 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
264 | pumpOn = true;
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

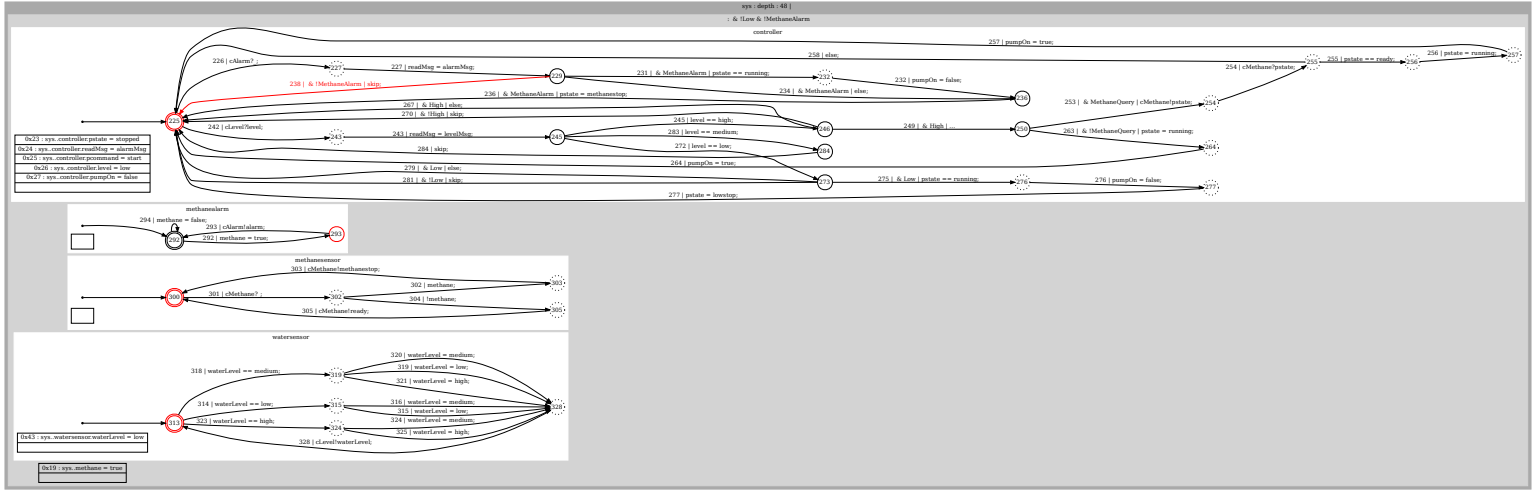

sys : depth : 46 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys._methane = true

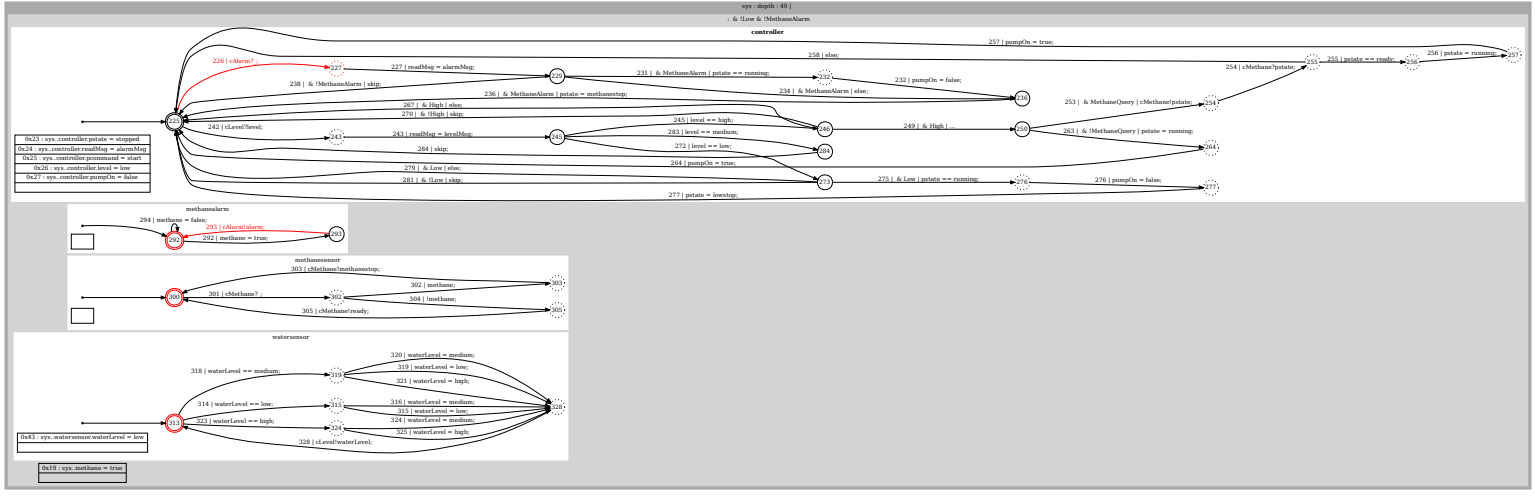

sys : depth : 47 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241 | cLevel?level;
242
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259 | & MethaneQuery | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | pumpOn = true;
293 | pumpOn = false;
294 | pstate = running;
295 | pstate = stopped;
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
methanealarm
292 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
294 | methane = false;
295
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys..methane = true

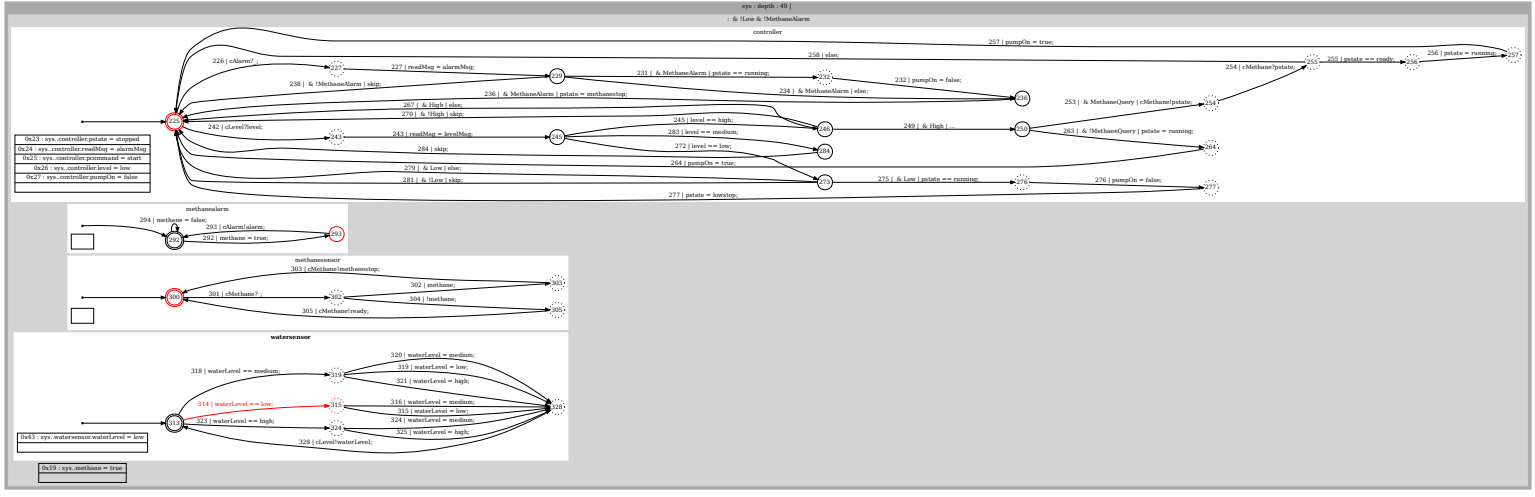

sys : depth : 48 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259 | & MethaneQuery | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
276 | pumpOn = false;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys.methane = true

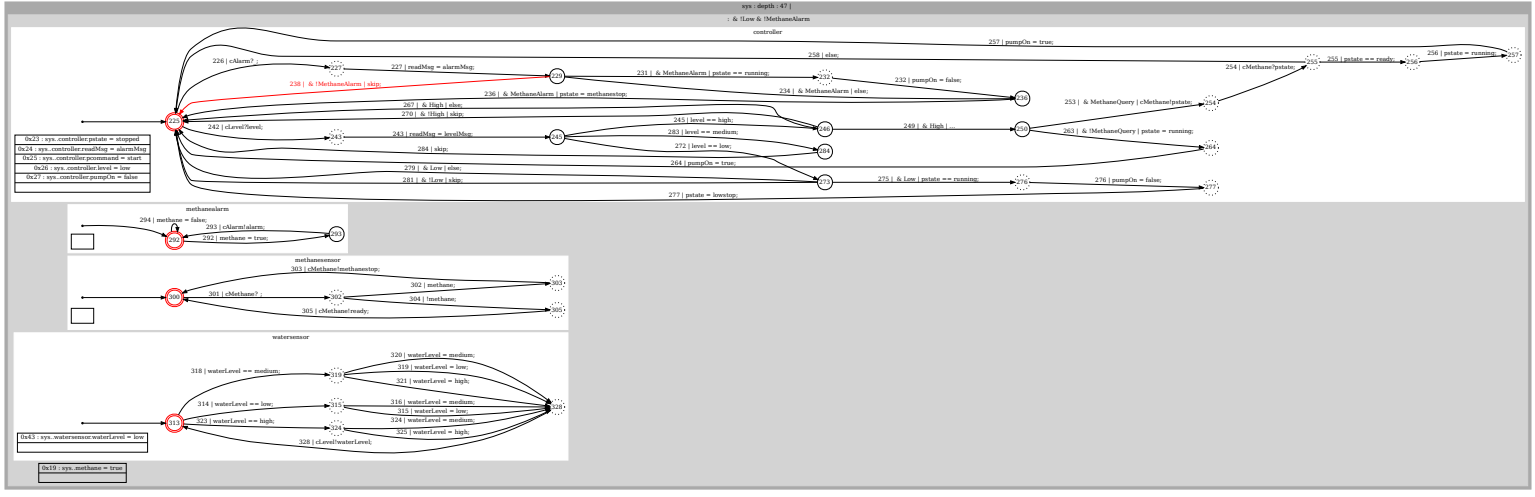

sys : depth : 49 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !High | else;
238 | & !MethaneAlarm | skip;
239 | & !High | skip;
240
241 | cLevel?level;
242
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259 | & MethaneQuery | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278 | pumpOn = false;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
295
296
297
298
299
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = low
0x19 : sys..methane = true
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
302 | methane;
303
305
watersensor
313
314 | waterLevel == low;
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;

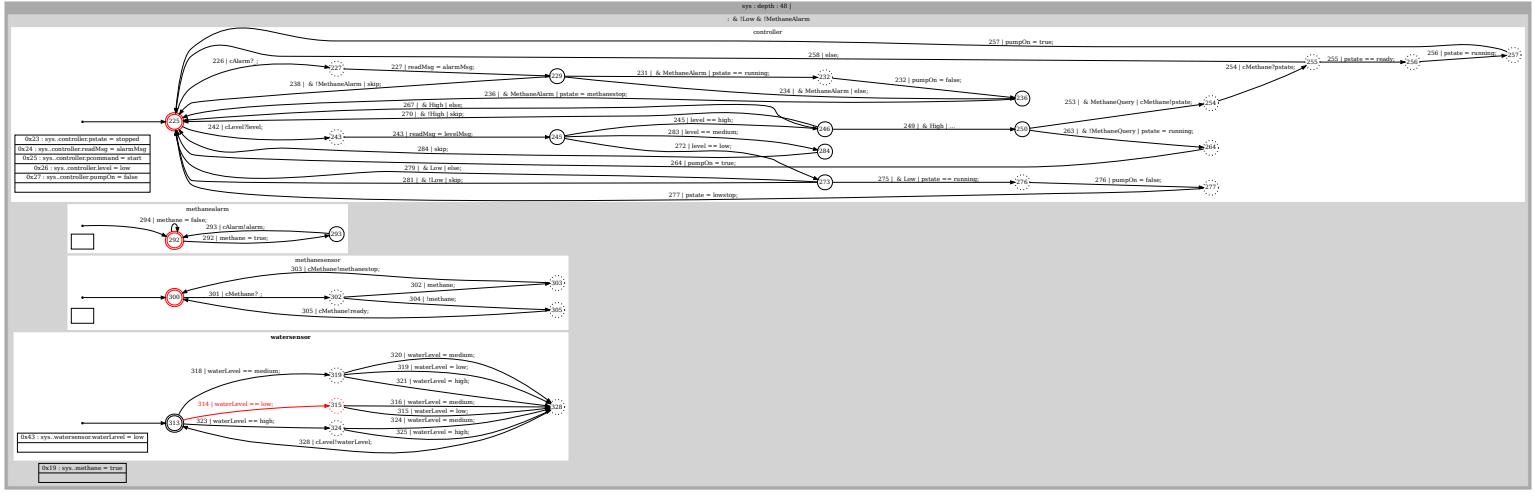

sys : depth : 49 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257 | pumpOn = true;
258 | else;
259 | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276 | pumpOn = false;
277
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
295
296
297
298
299
300
301
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLaval == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLaval!waterLaval;
methanesalarm
methanesensor
watersensor
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

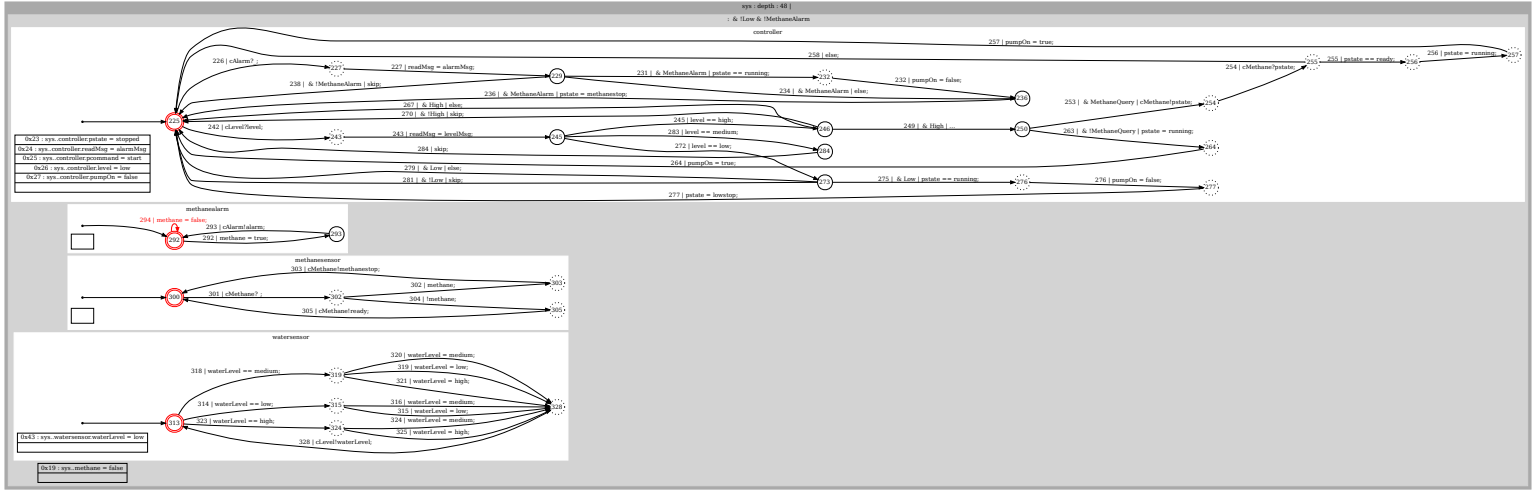

sys : depth : 48 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.rsmdMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
225
226 | cAlarm? ;
227 | rsmdMsg = alarmMsg;
228 | & !MethaneAlarm | skip;
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & High | else;
239 | & High | skip;
240
241
242 | cLevel?level;
243 | rsmdMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
316
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
320
321
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
324
325
326
327
328 | cLevel!waterLevel;
328
0x19 : sys..methane = true

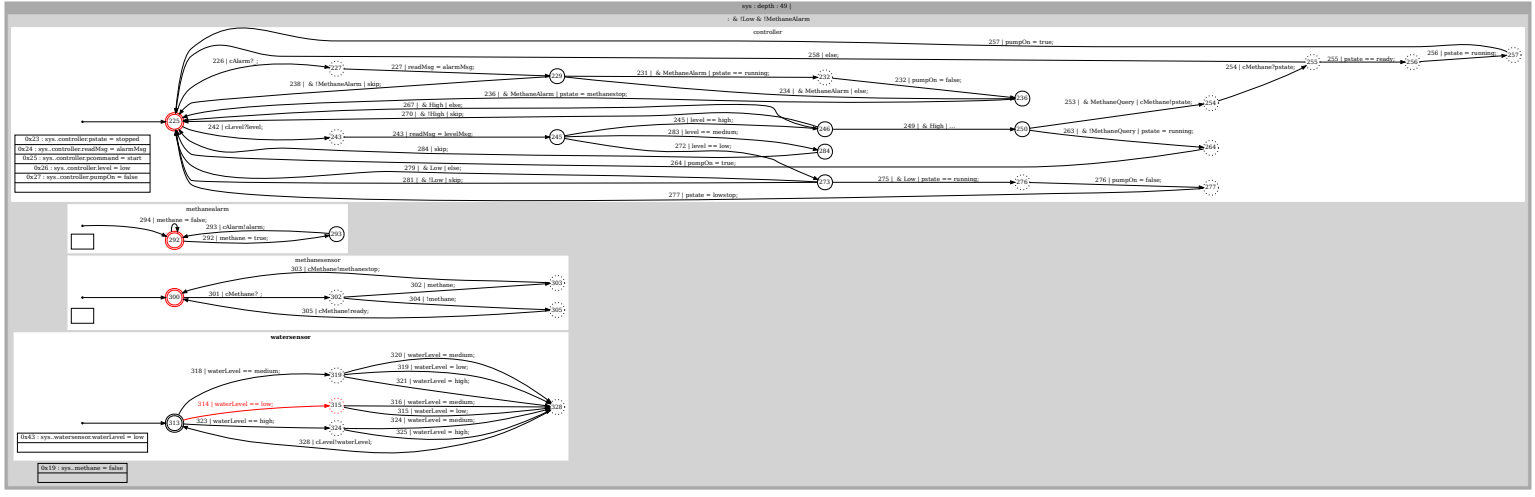

sys : depth : 49 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227
227 | readMsg = alarmMsg;
228
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
239
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
257
254 | cMethane?pstate;
254
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
246
249 | & High | ...
259
263 | & !MethaneQuery | pstate = running;
264
279 | & Low | else;
281 | & !Low | skip;
271
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
319
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
313
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = low;
0x19 : sys..methane = true

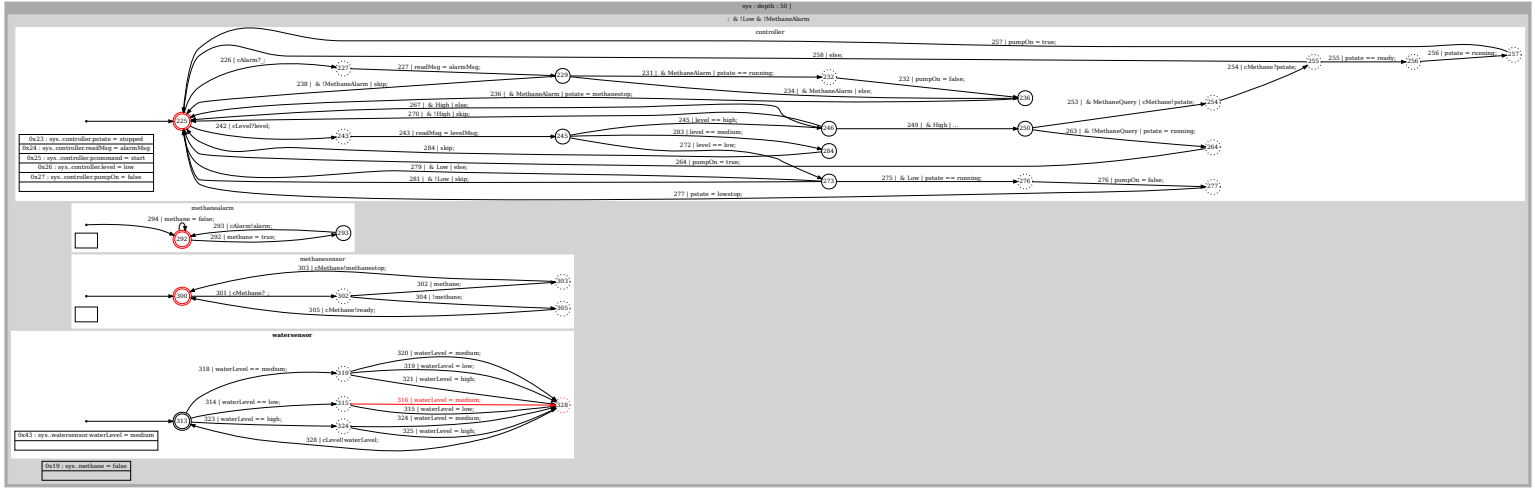

sys : depth : 49 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
264 | pumpOn = true;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys.methane = true

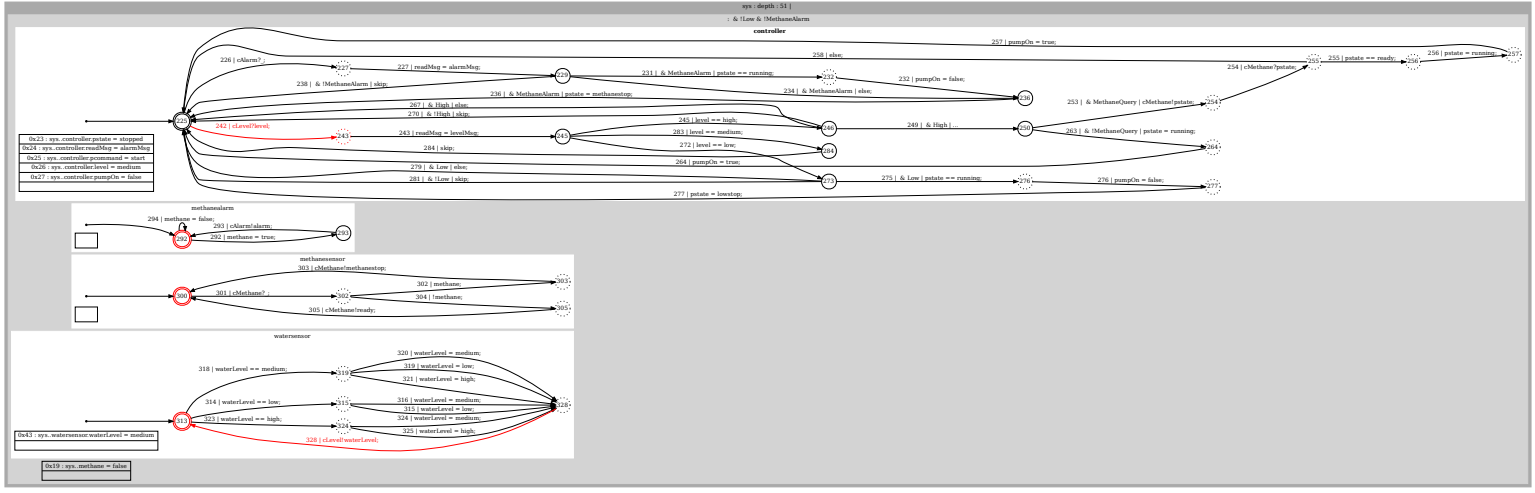

sys : depth : 47 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228 | & !MethaneAlarm | skip;
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
302 | methane;
303
304
305
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys._methane = true

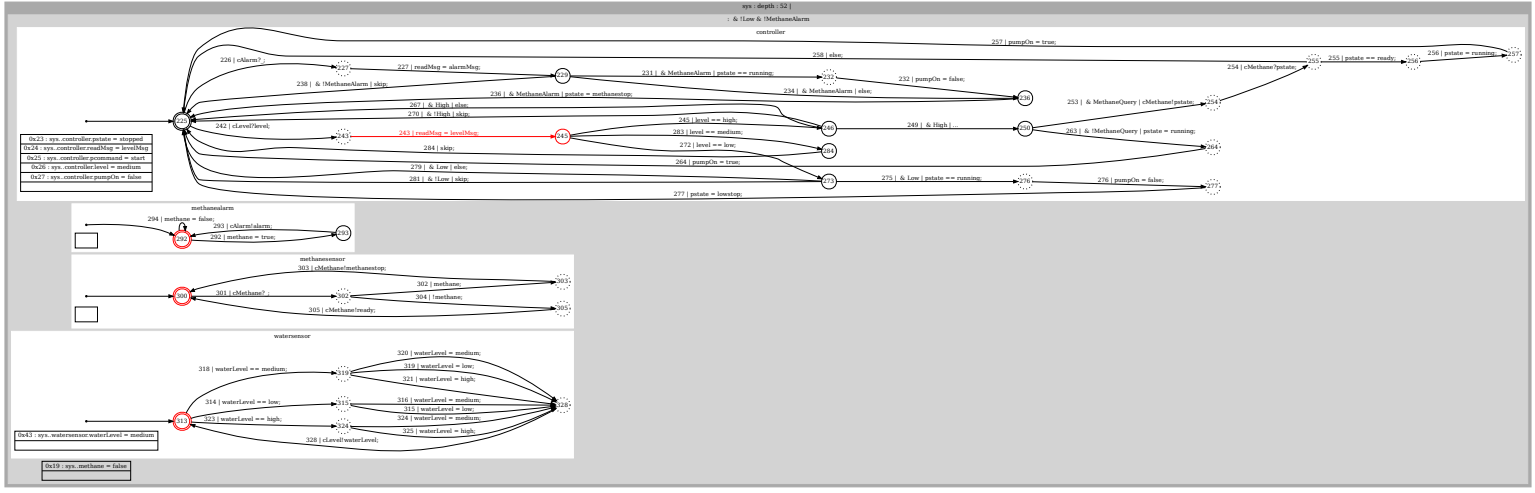

sys : depth : 48 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
225
226 | cAlarm? ;
227
227 | readMsg = alarmMsg;
228
228 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
238
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
241
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
249
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
271
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low;
313
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLevel!waterLevel;
328
0x19 : sys._methane = true

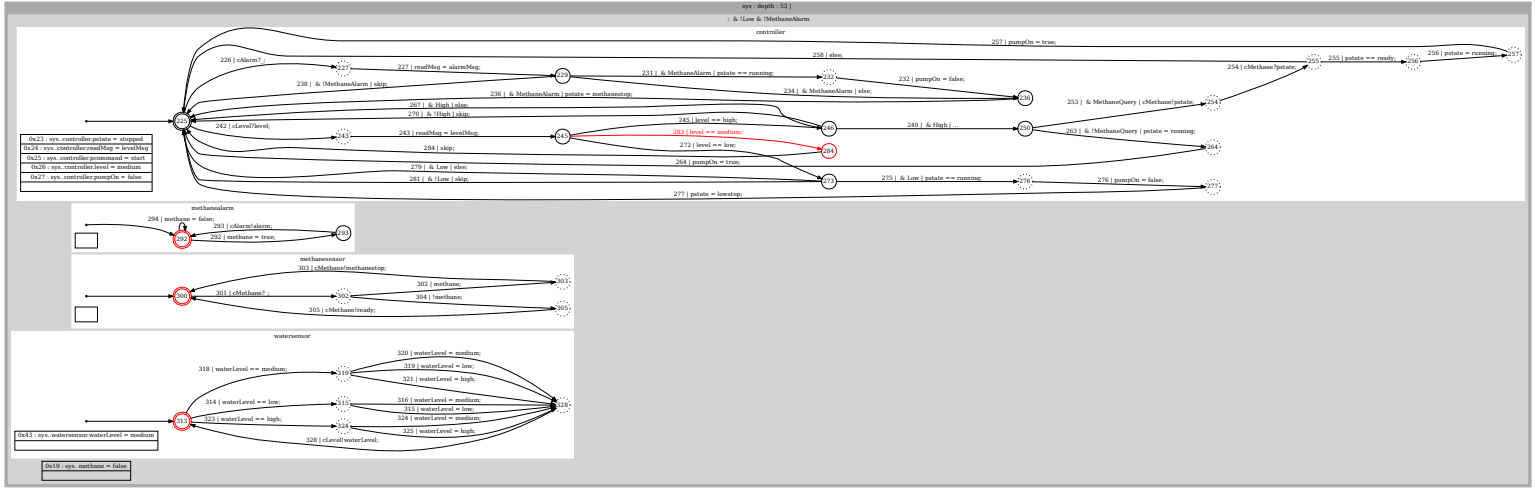

sys : depth : 48 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
methanesensor
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

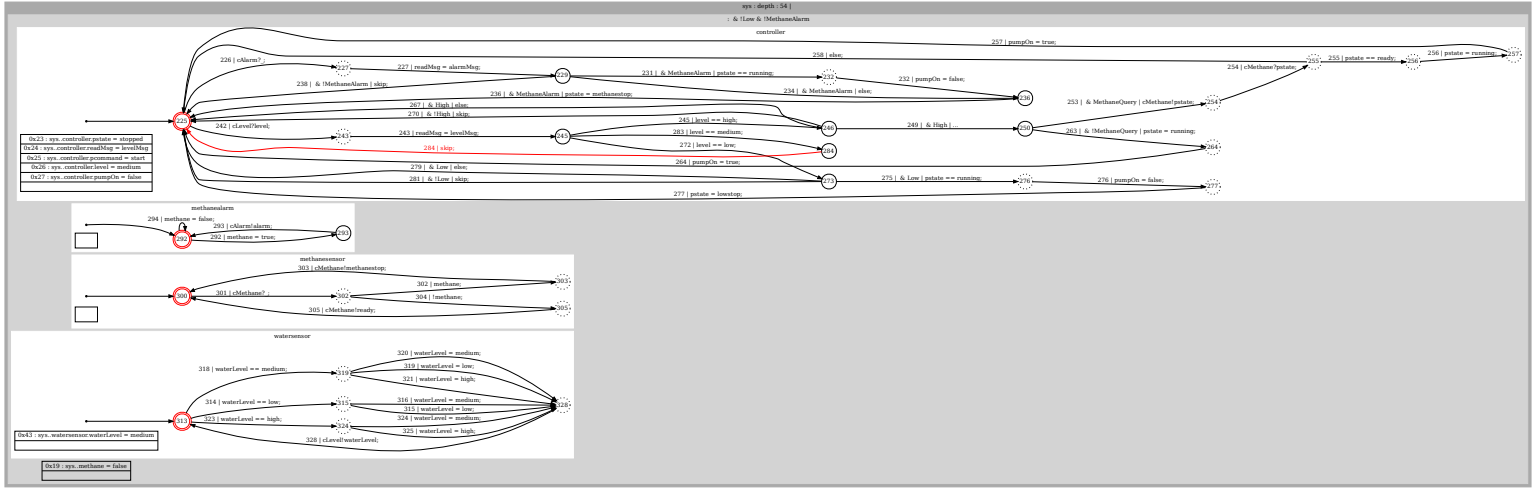

sys : depth : 49 |
; & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259 | pstate = lowstop;
260 | pumpOn = false;
261 | pstate = stopped;
262 | pumpOn = false;
263 | pstate = stopped;
264 | pstate = stopped;
265 | pstate = stopped;
266 | pstate = stopped;
267 | pstate = stopped;
268 | pstate = stopped;
269 | pstate = stopped;
270 | pstate = stopped;
271 | pstate = stopped;
272 | pstate = stopped;
273 | pstate = stopped;
274 | pstate = stopped;
275 | pstate = stopped;
276 | pstate = stopped;
277 | pstate = stopped;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
292
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLevel!waterLevel;
328
0x19 : sys._methane = false

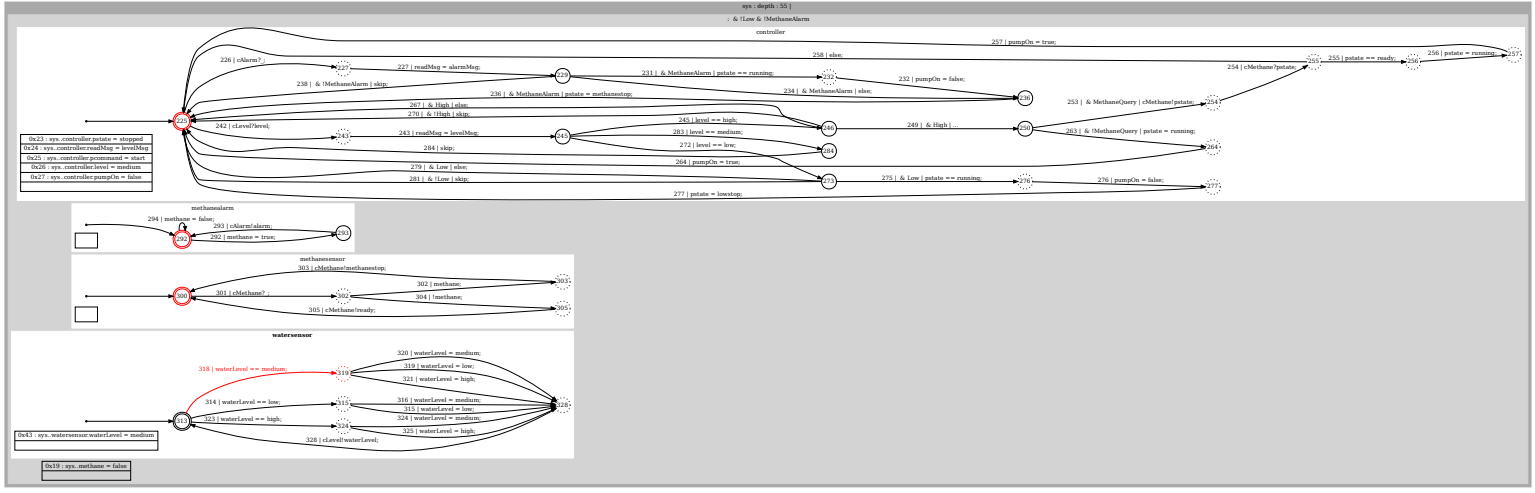

sys : depth : 50 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys.methane = false

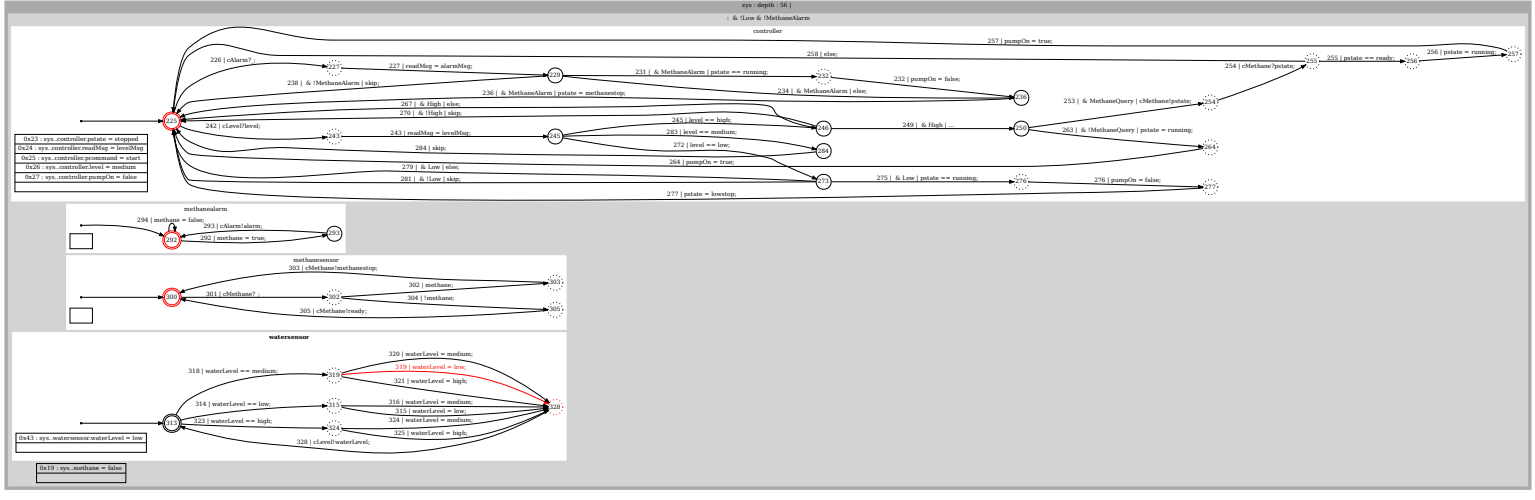

sys : depth : 51 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
229
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
0x19 : sys.methane = false
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
313
328
328 | cLaval!waterLevel;
0x43 : sys.watersensor.waterLevel = medium

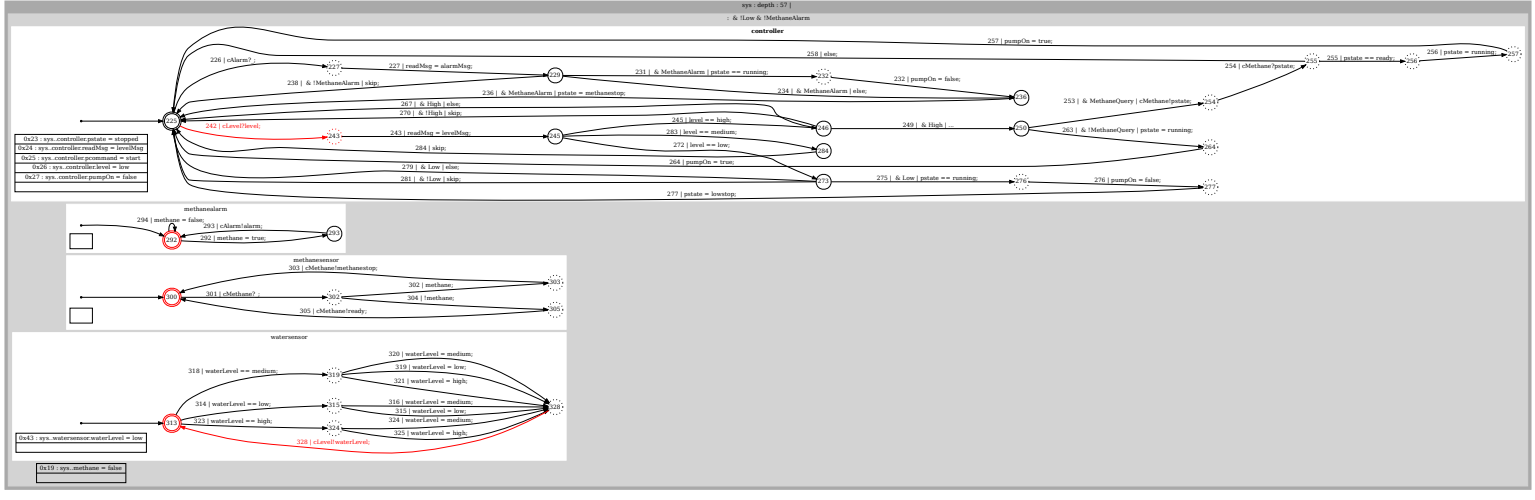

sys : depth : 52 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
323 | waterLevel == high;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

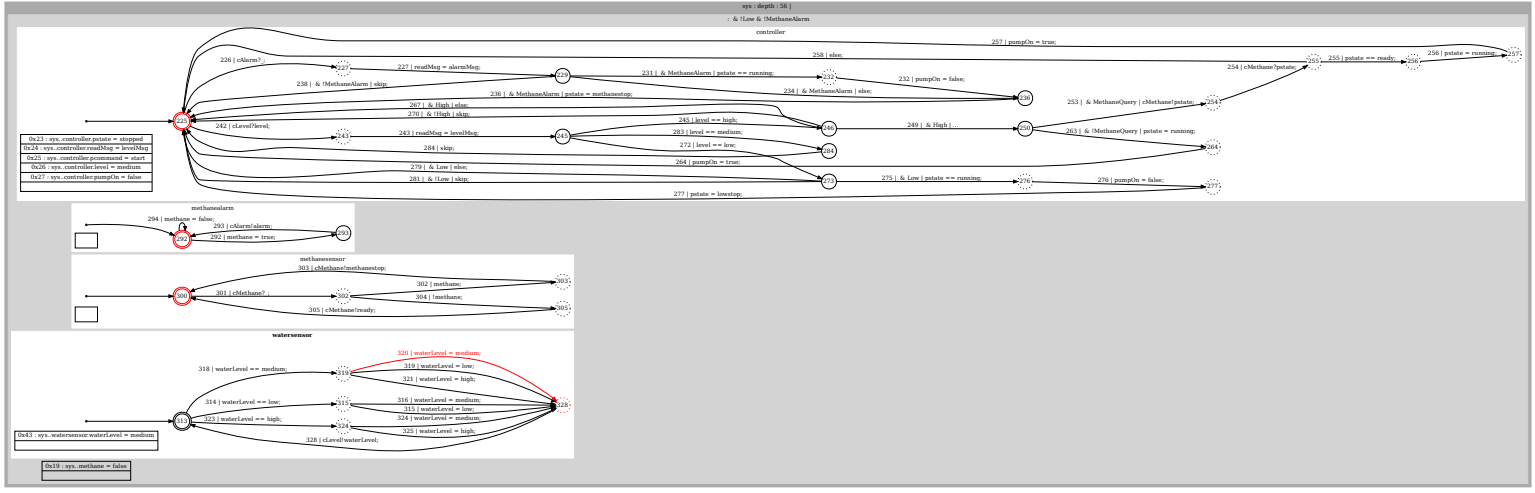

sys : depth : 53 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

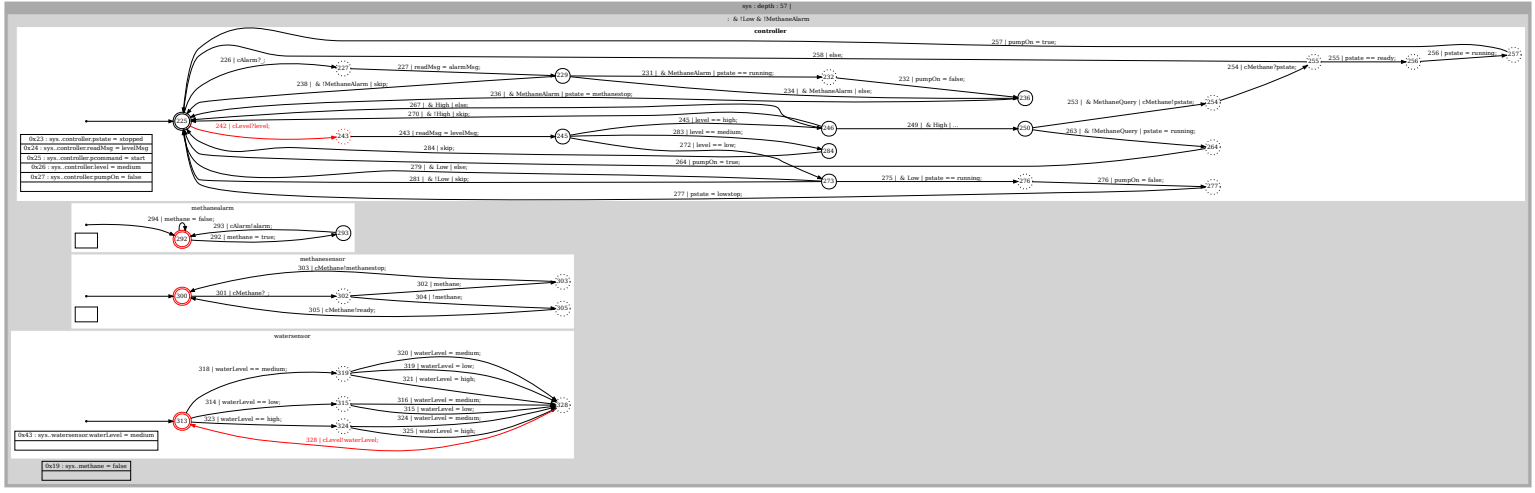

sys : depth : 54 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
323 | waterLevel == high;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

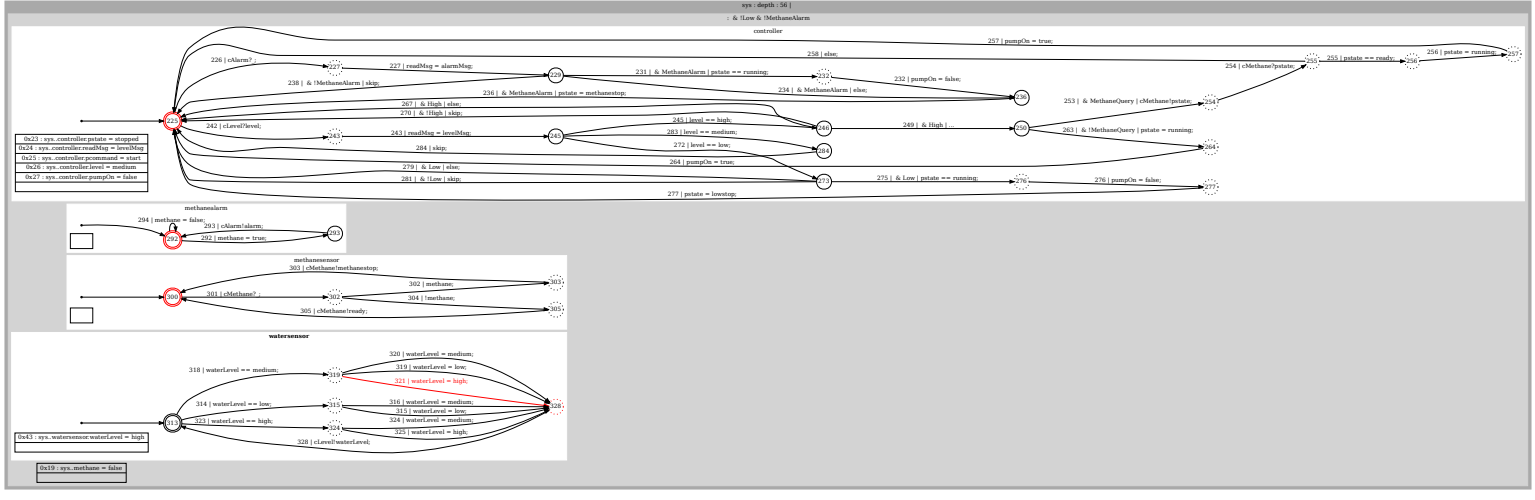

sys : depth : 55 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

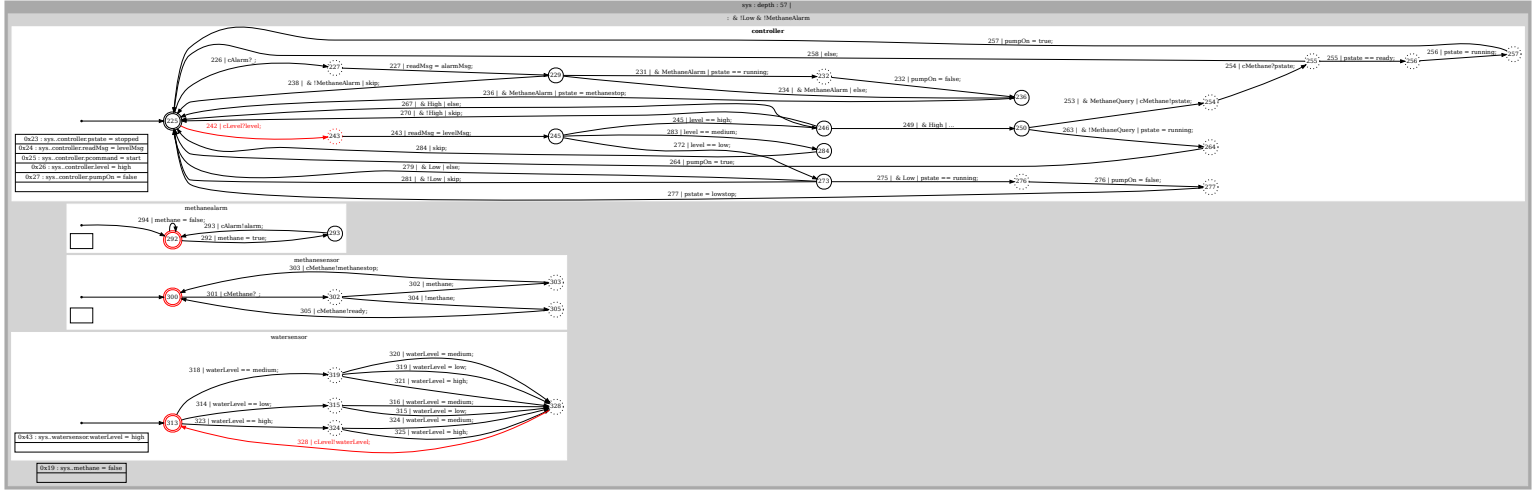

sys : depth : 56 |
: & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266 | & !High | else;
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283
284 | skip;
methanealarm
292
293 | cAlarm!alarm;
293
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303
304 | !methane;
305
305
303 | cMethane!methanestop;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
327
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

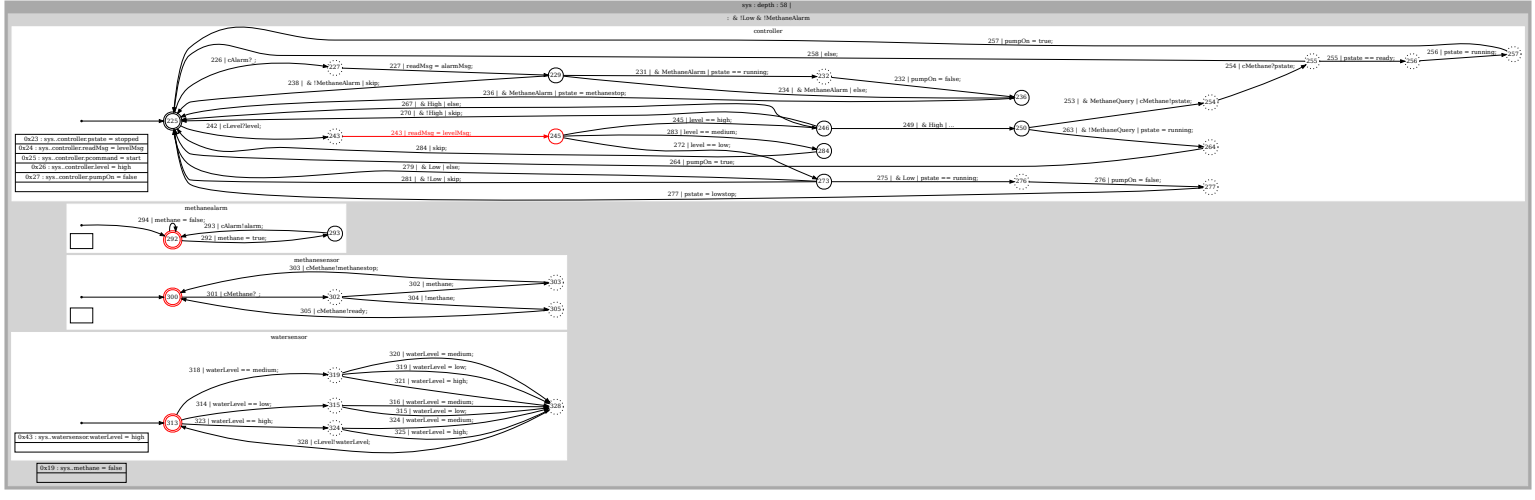

sys : depth : 57 |
: & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = false

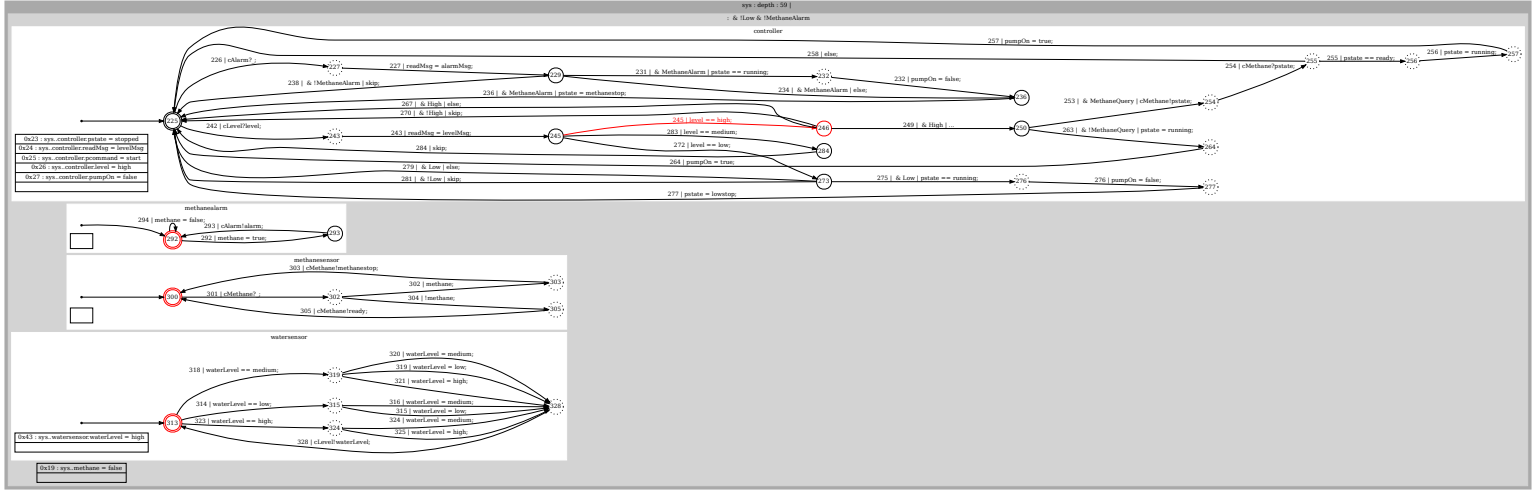

sys : depth : 56 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaval!waterLaval;
319
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

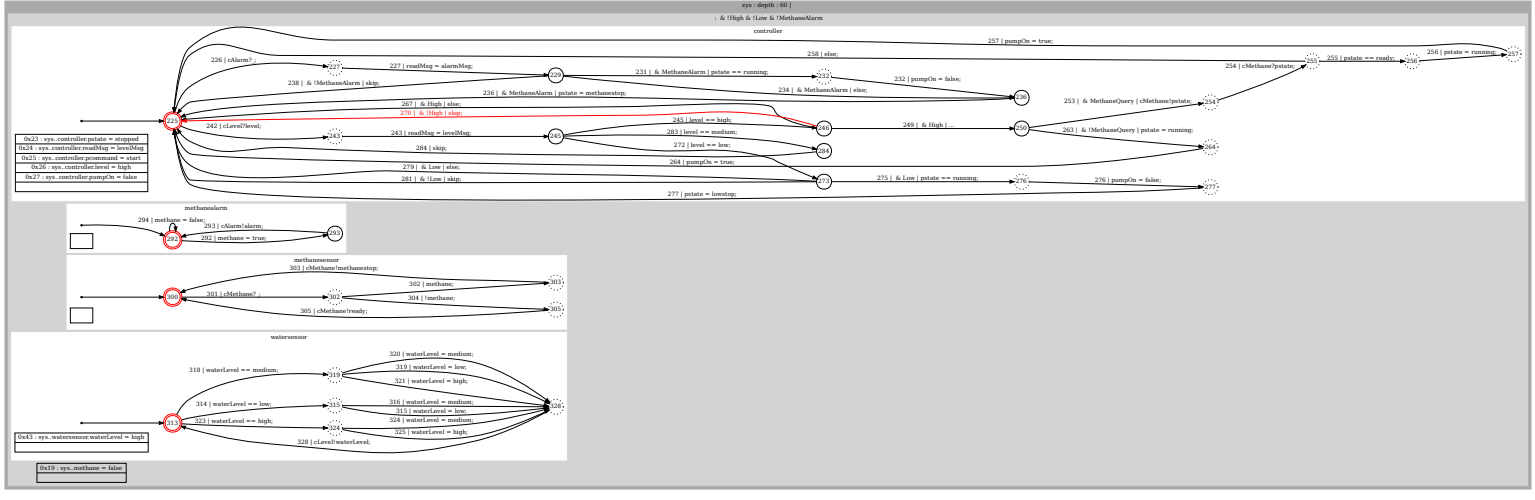

sys : depth : 57 |
; & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
313
328 | cLaval!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

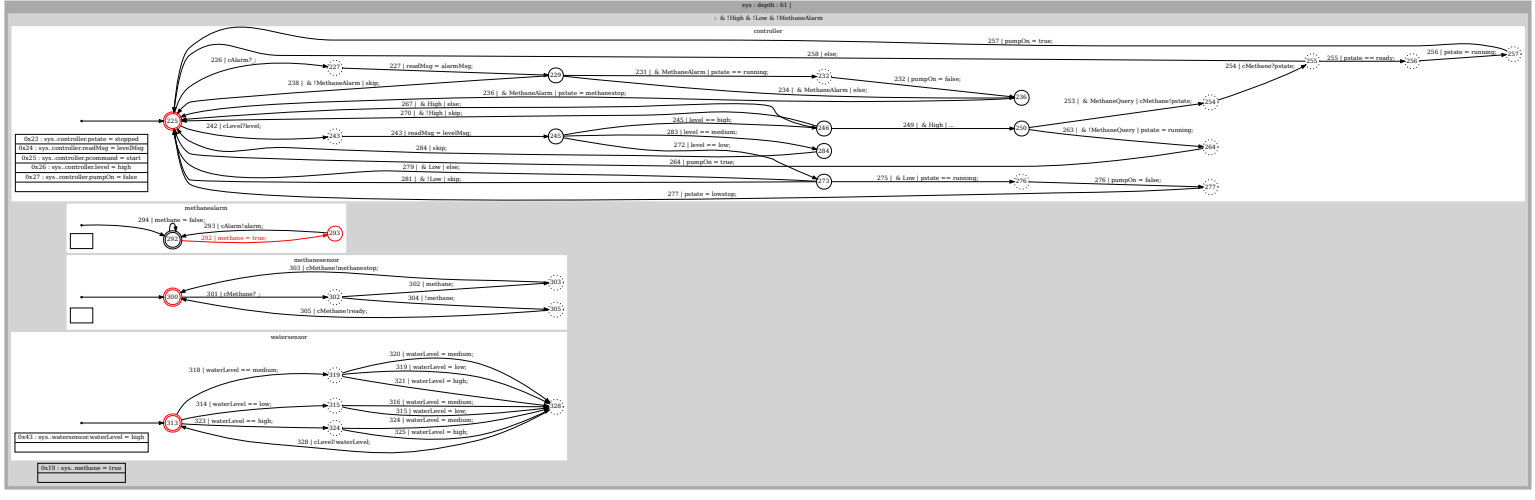

sys : depth : 56 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

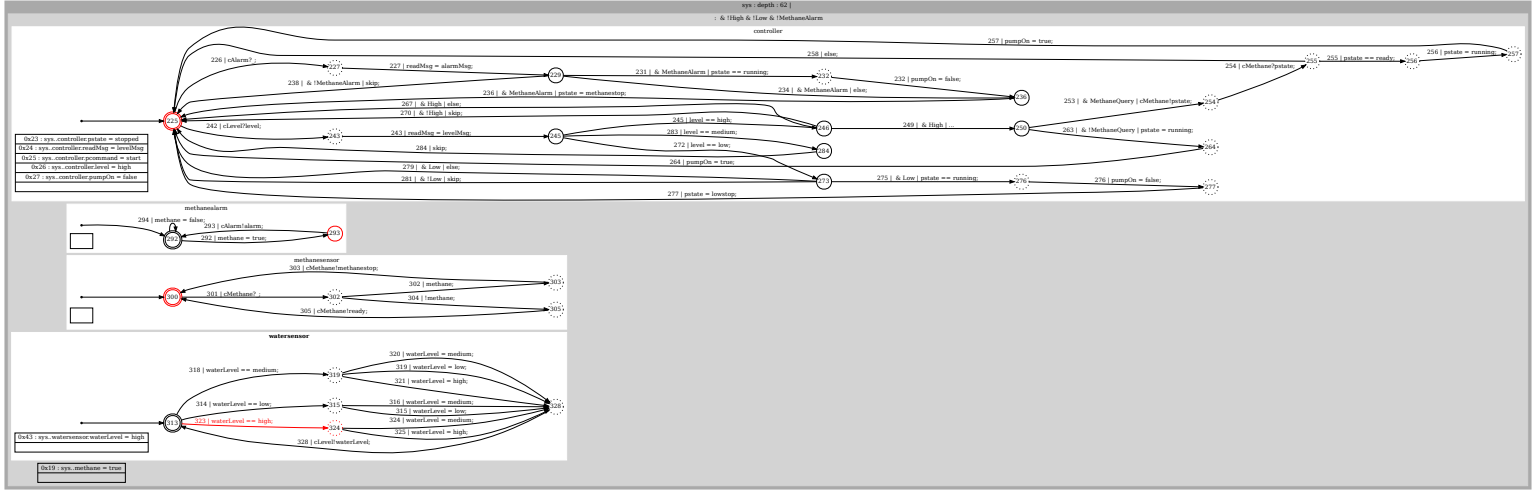

sys : depth : 57 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel!level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

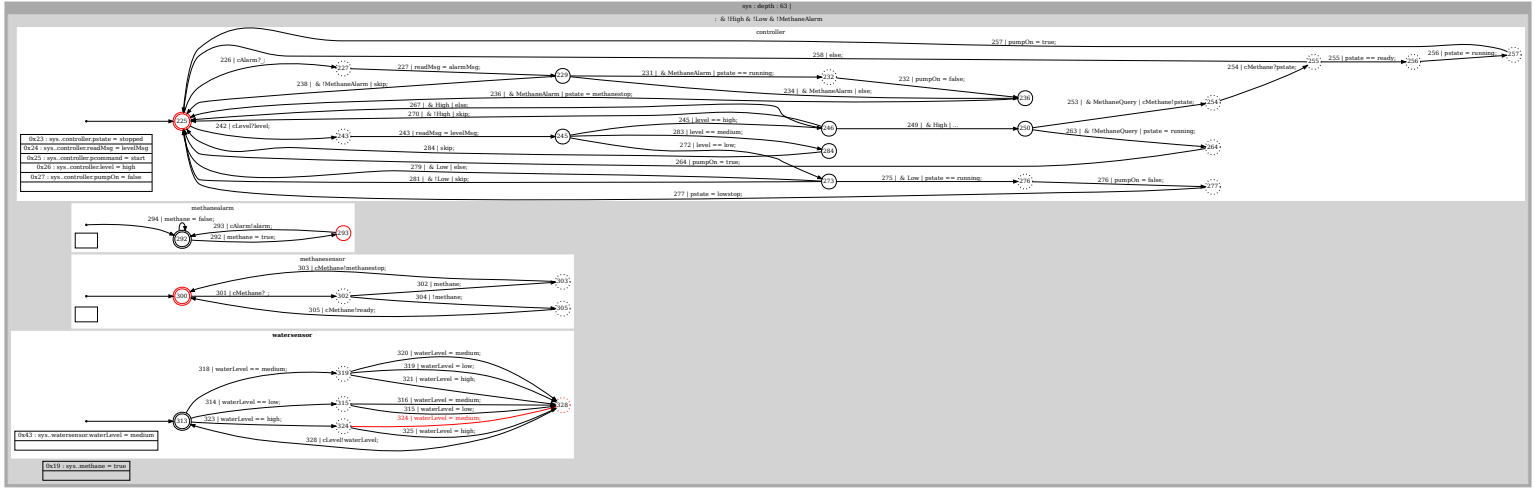

sys : depth : 58 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

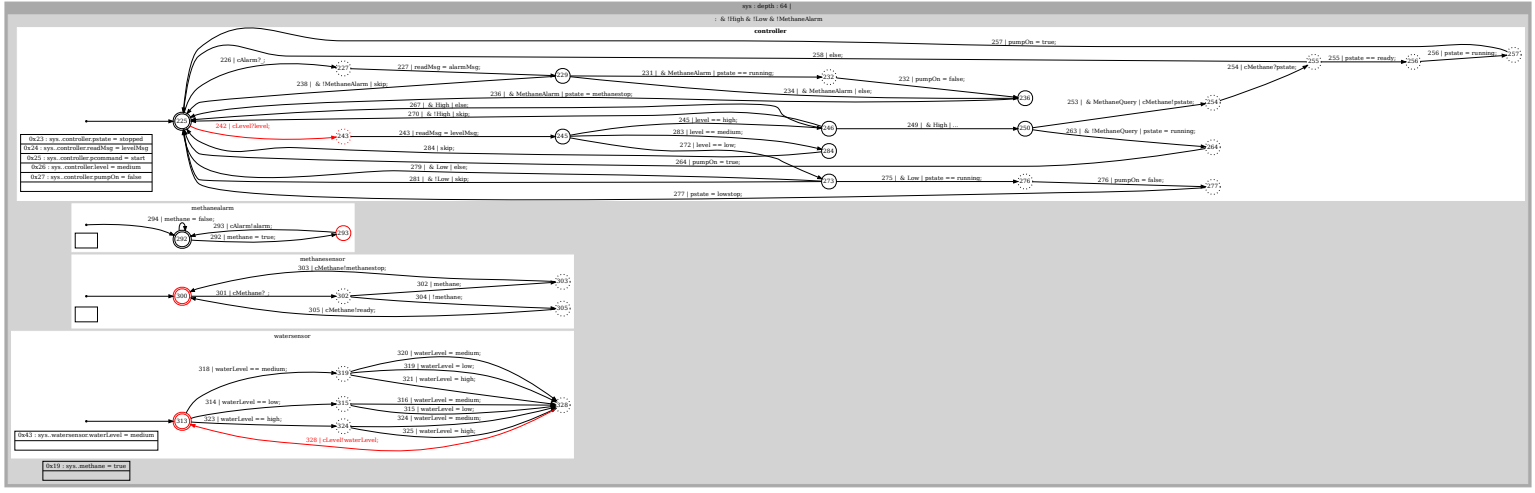

sys : depth : 59 |
; & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

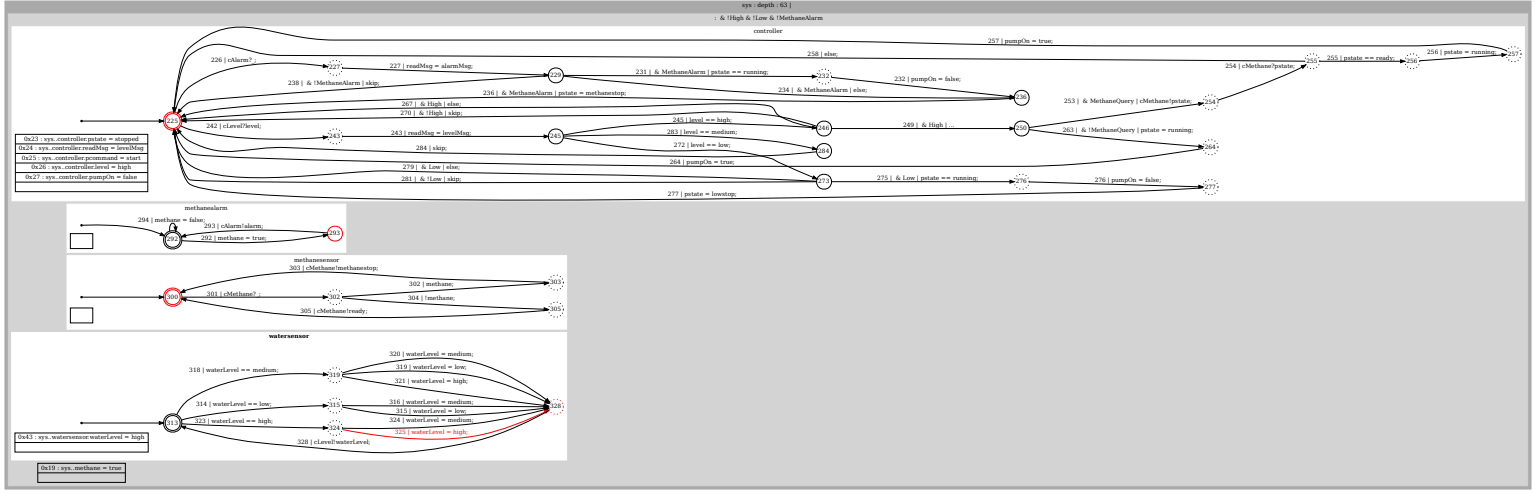

sys : depth : 60 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

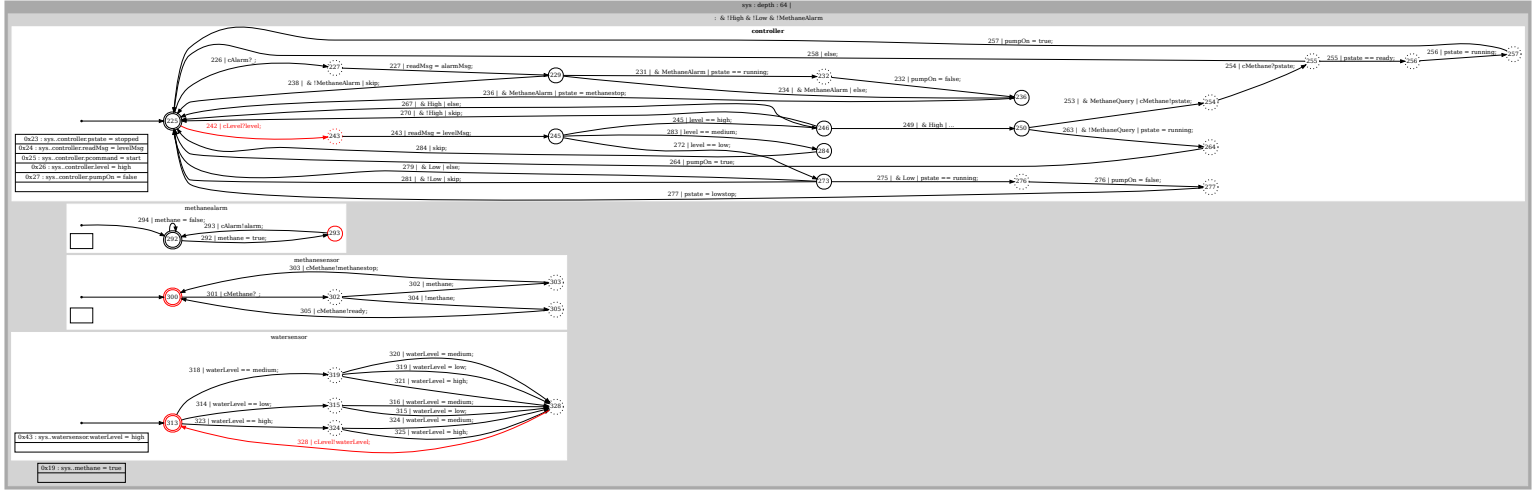

sys : depth : 61 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
256 | pstate = running;
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

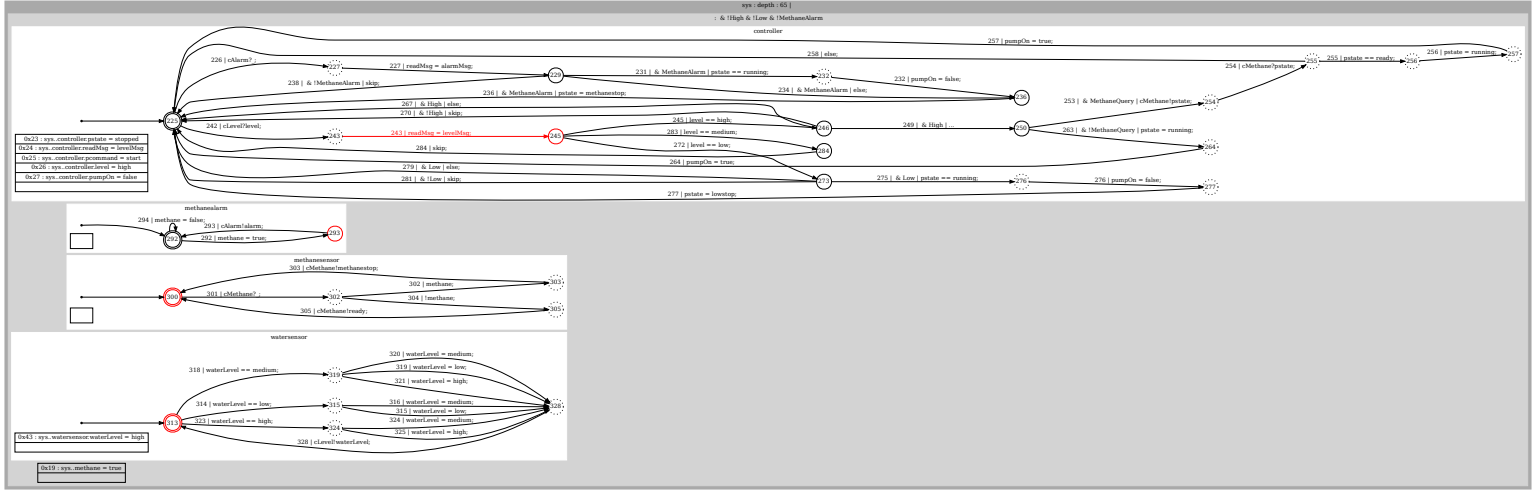

sys : depth : 62 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

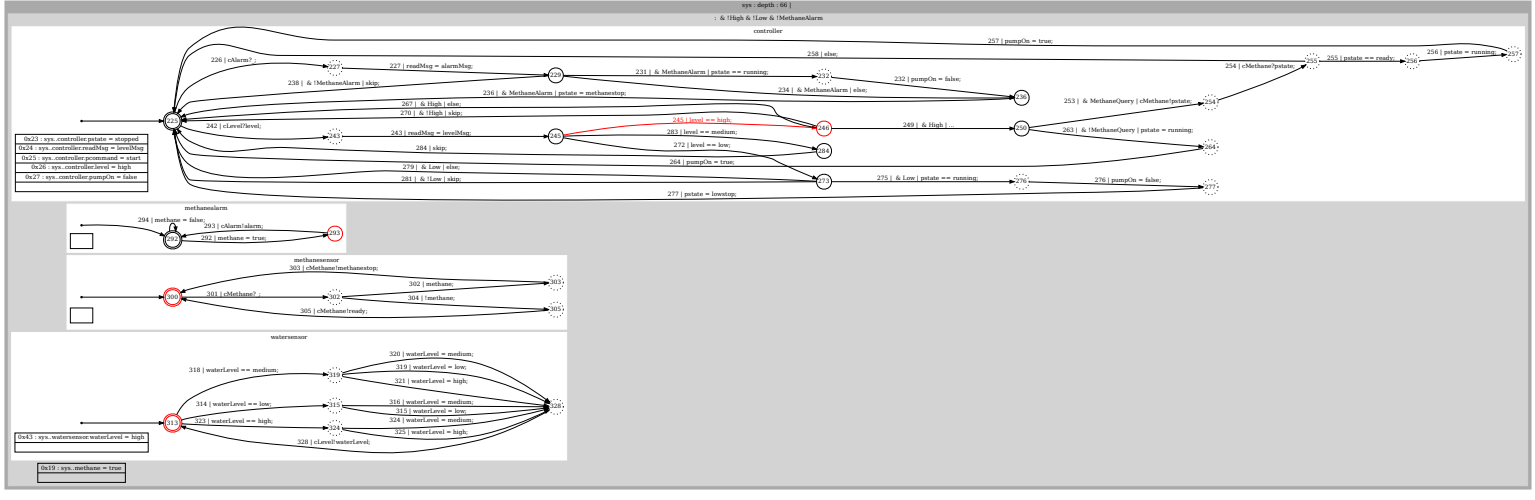

sys : depth : 63 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = high
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

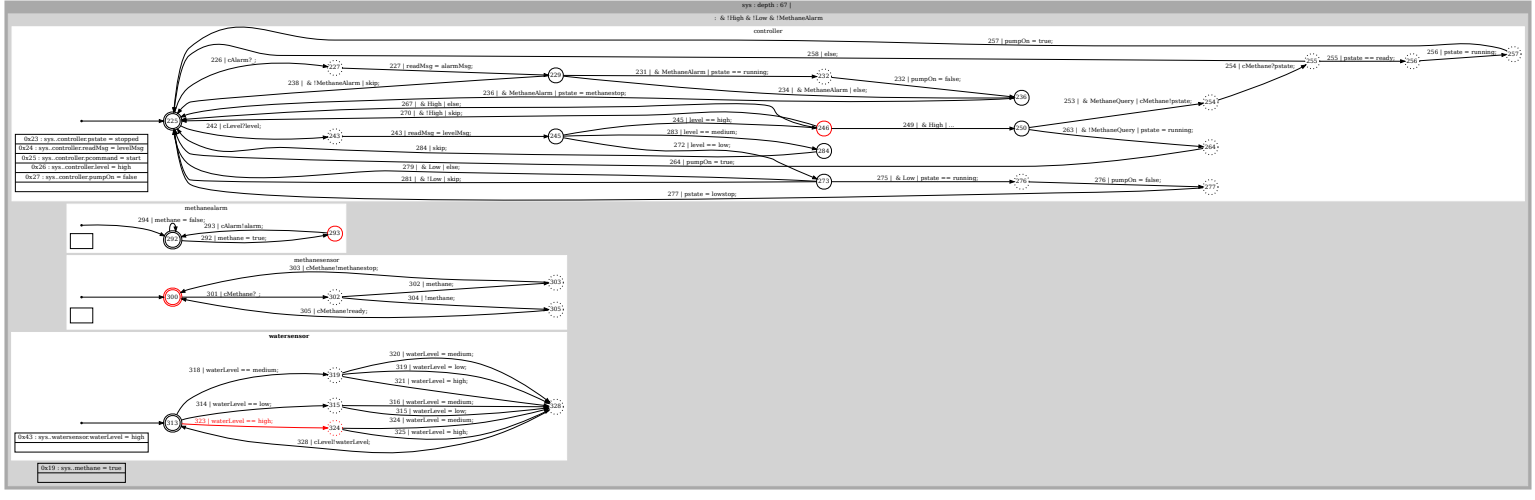

sys : depth : 64 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
229
226 | cAlarm? ;
227
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
255
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
304
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
313
328
328 | cLaval!waterLevel;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

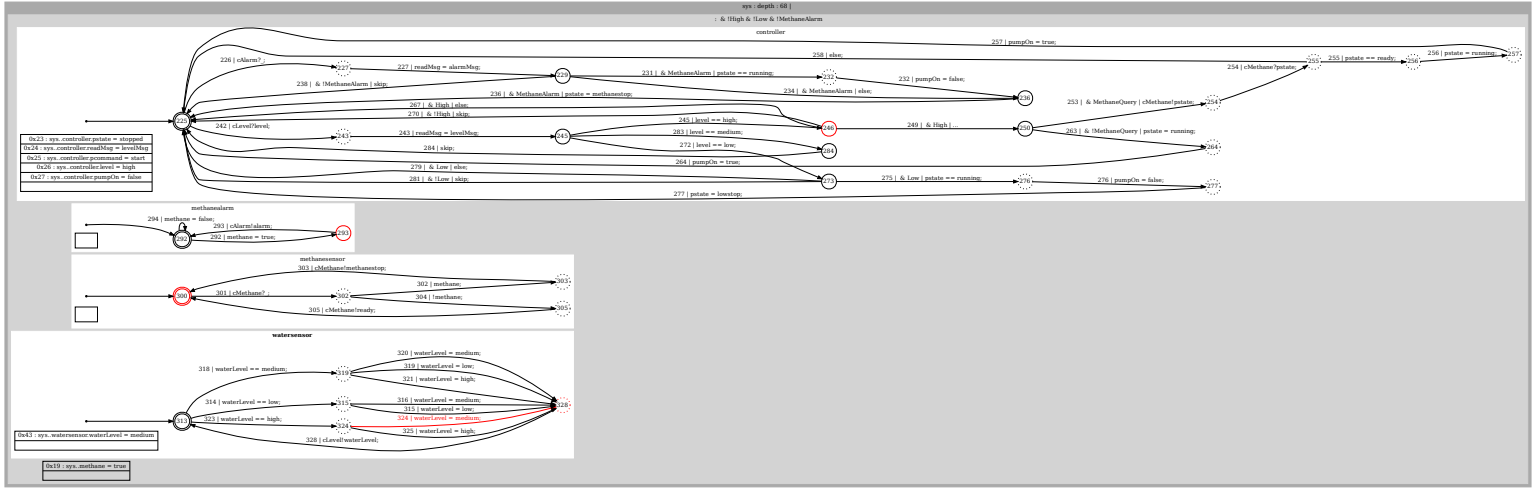

sys : depth : 63 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

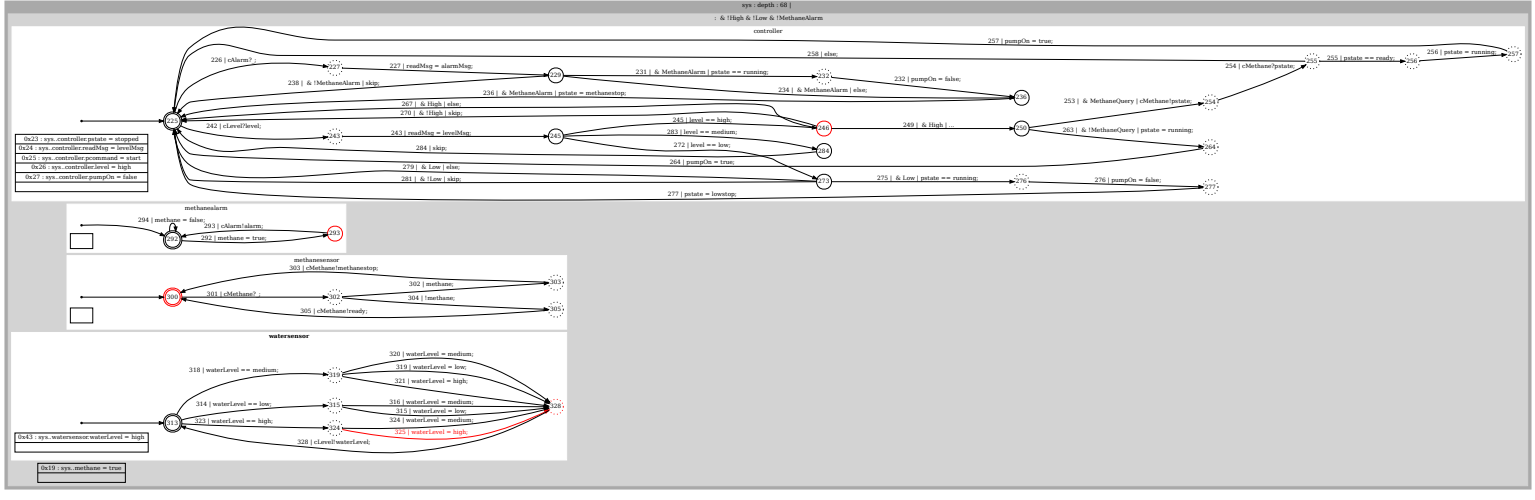

sys : depth : 64 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel!level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = true

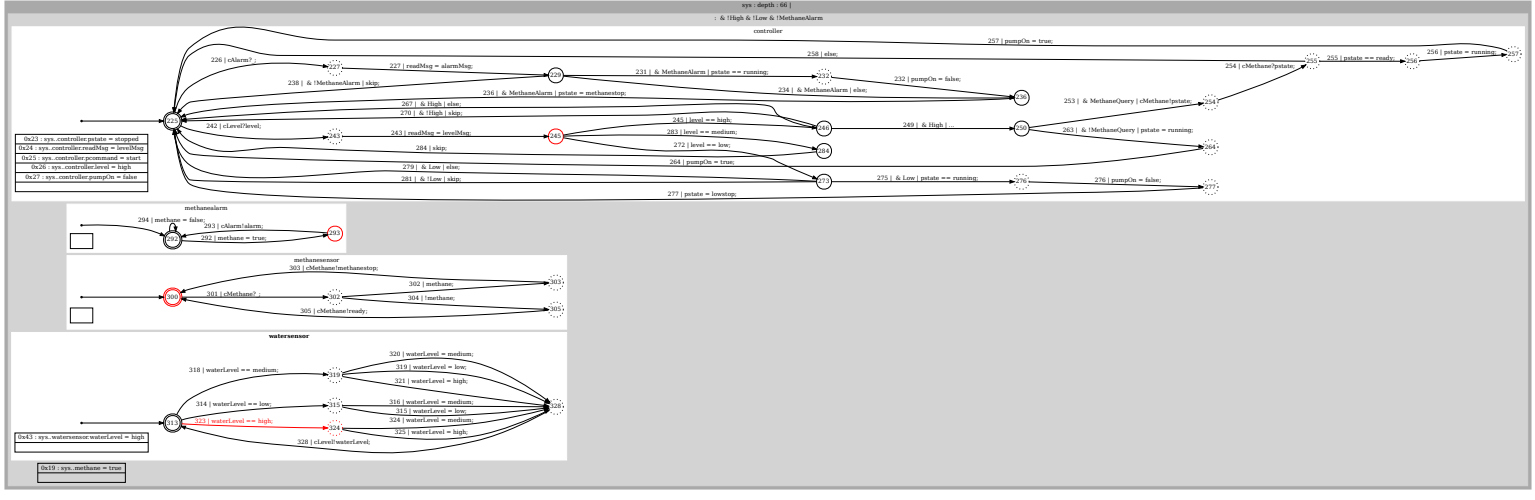

sys : depth : 65 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

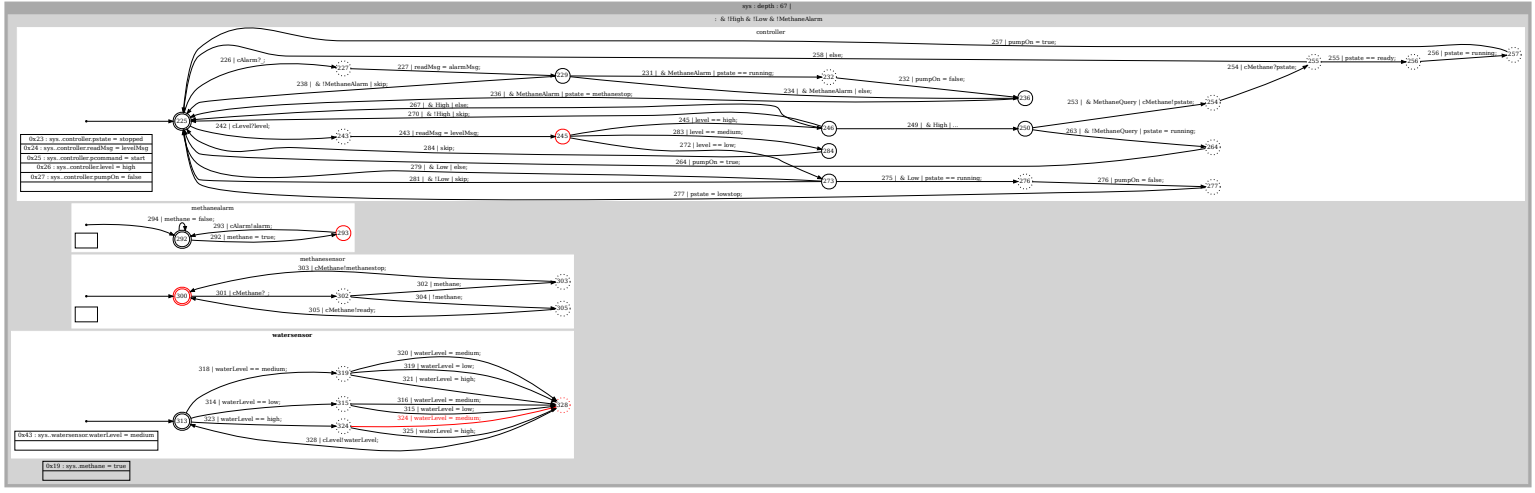

sys : depth : 66 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

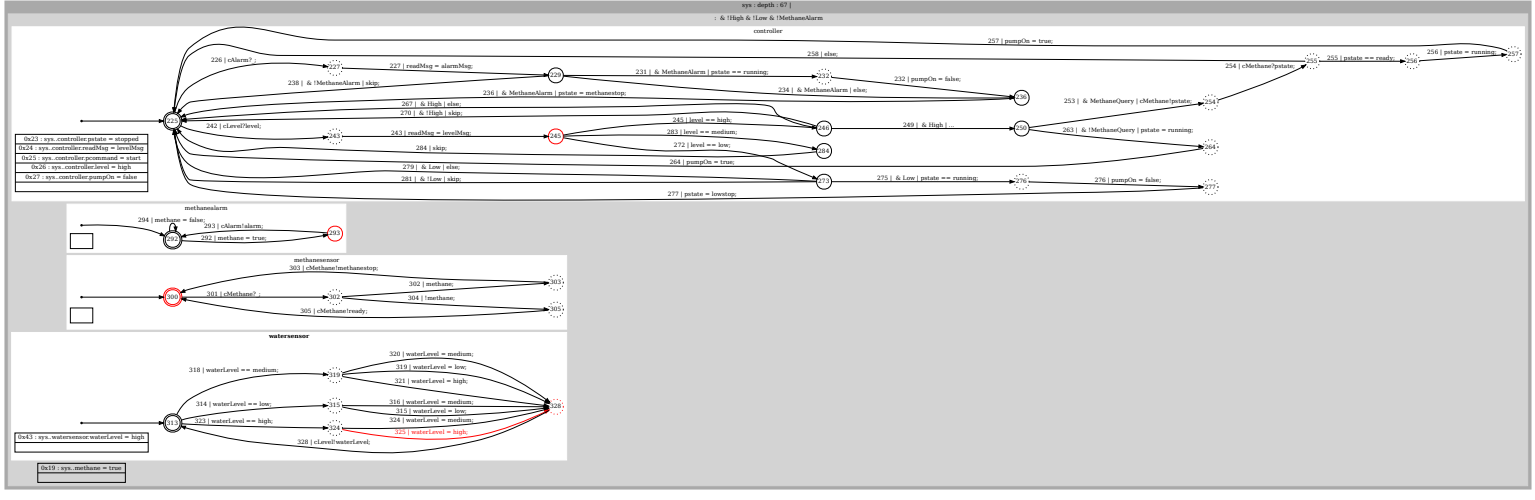

sys : depth : 67 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
263 | & !MethaneQuery | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

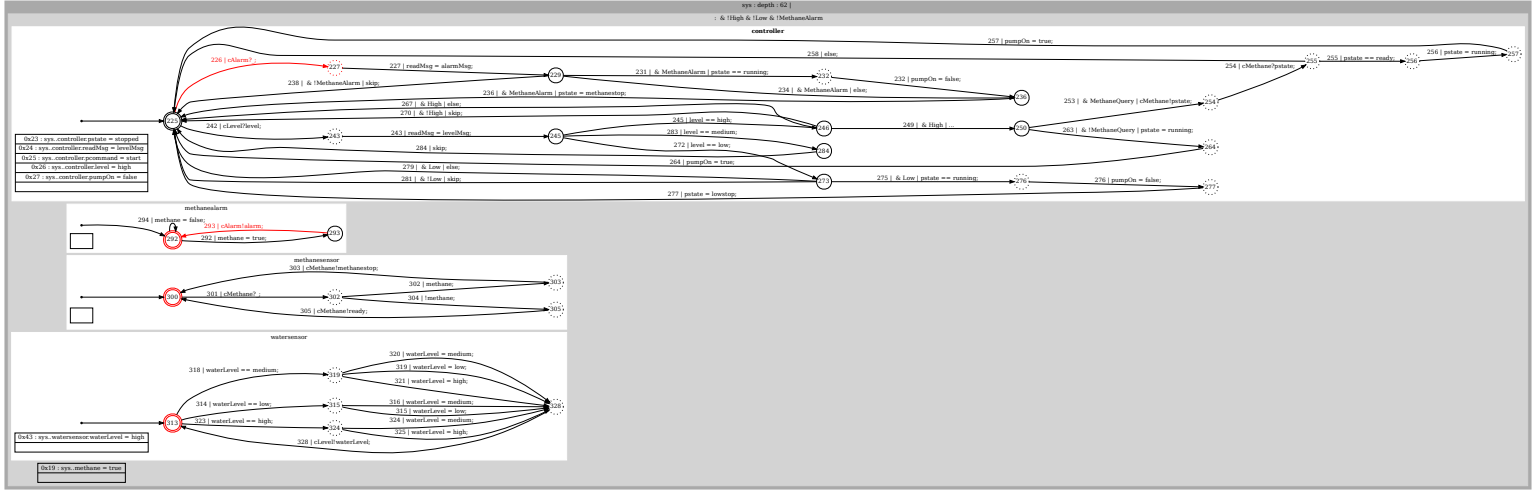

sys : depth : 68 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
253 | & MethaneQuery | cMethane!pstate;
254
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaval!waterLaval;
319
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

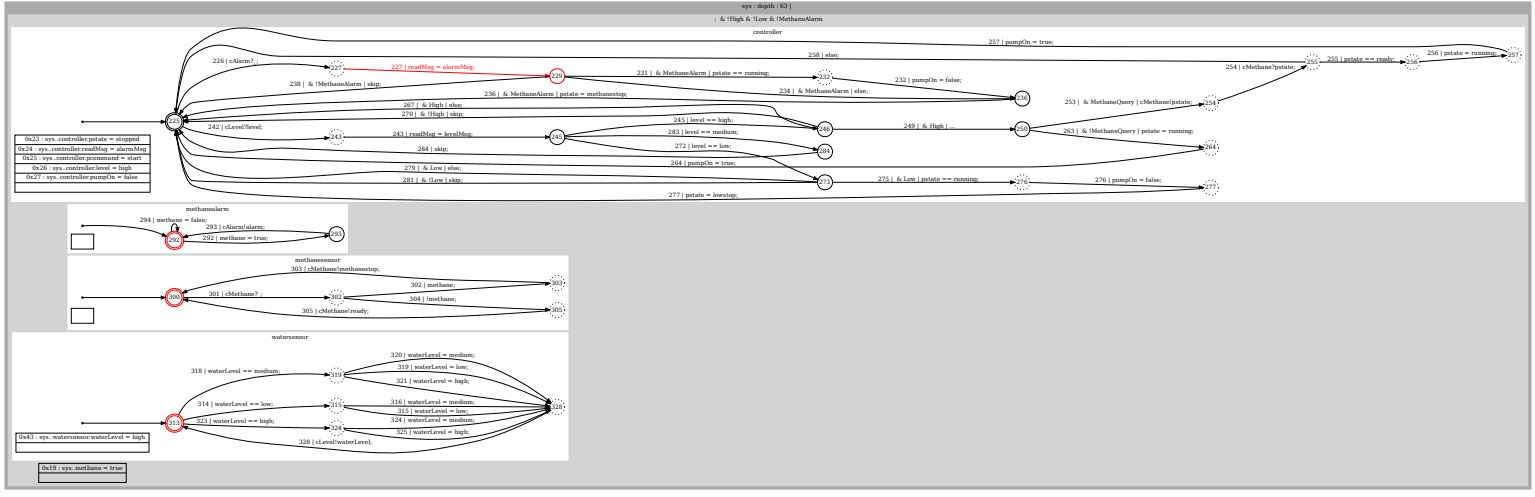

sys : depth : 68 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

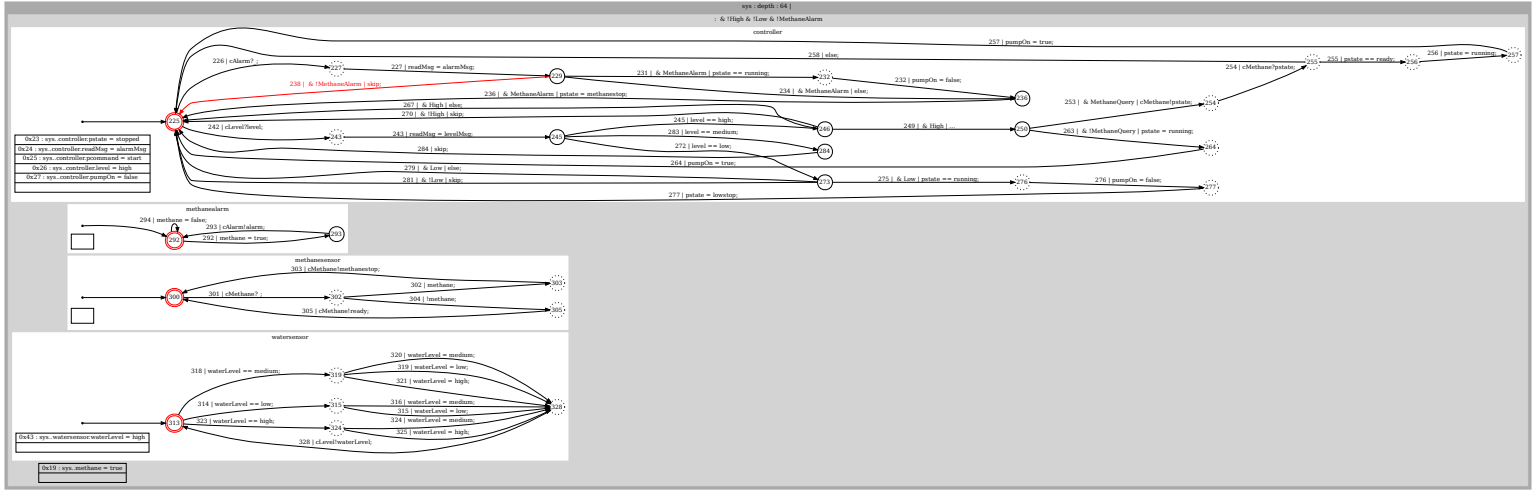

sys : depth : 66 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
276 | pumpOn = false;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

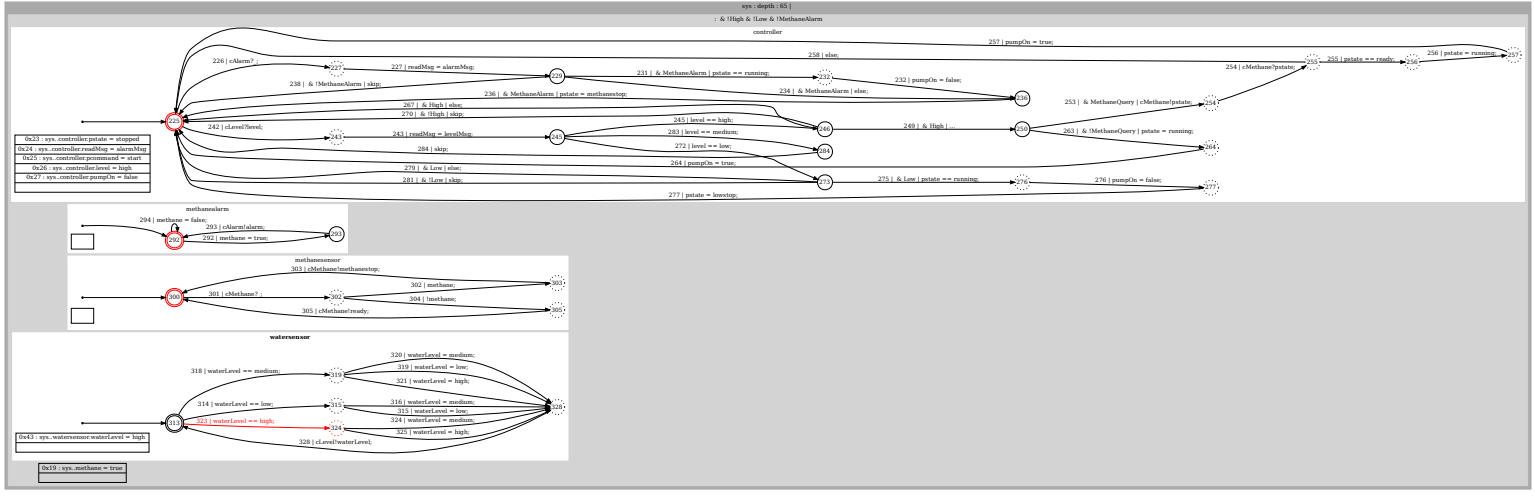

sys : depth : 67 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaval!waterLaval;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

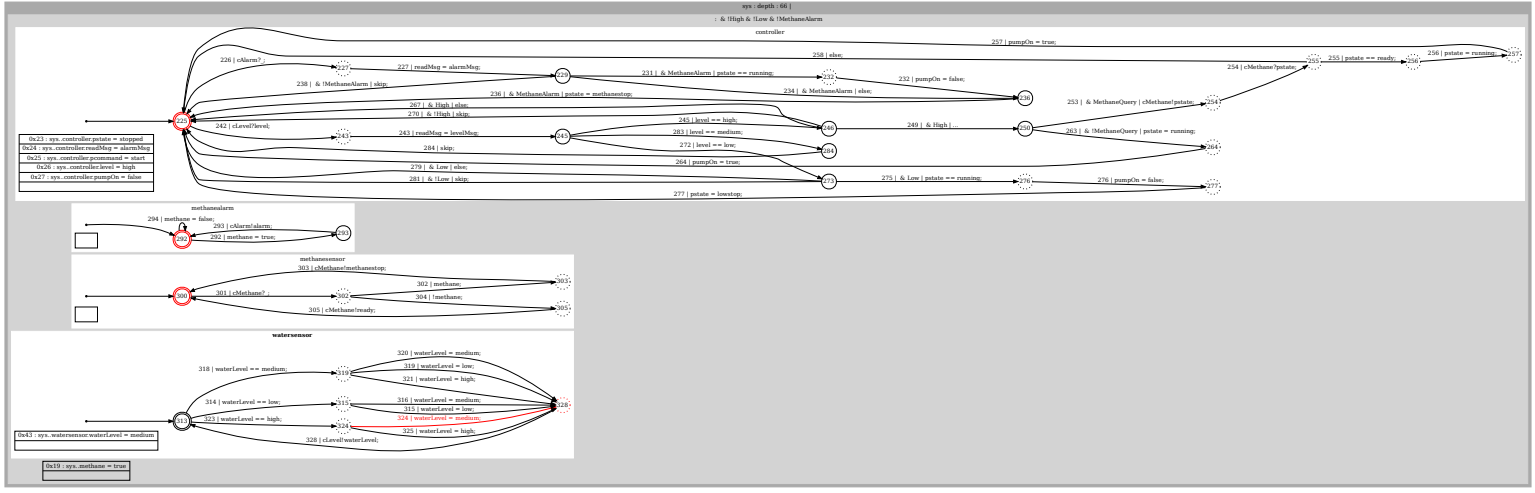

sys : depth : 67 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
263 | & !MethaneQuery | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

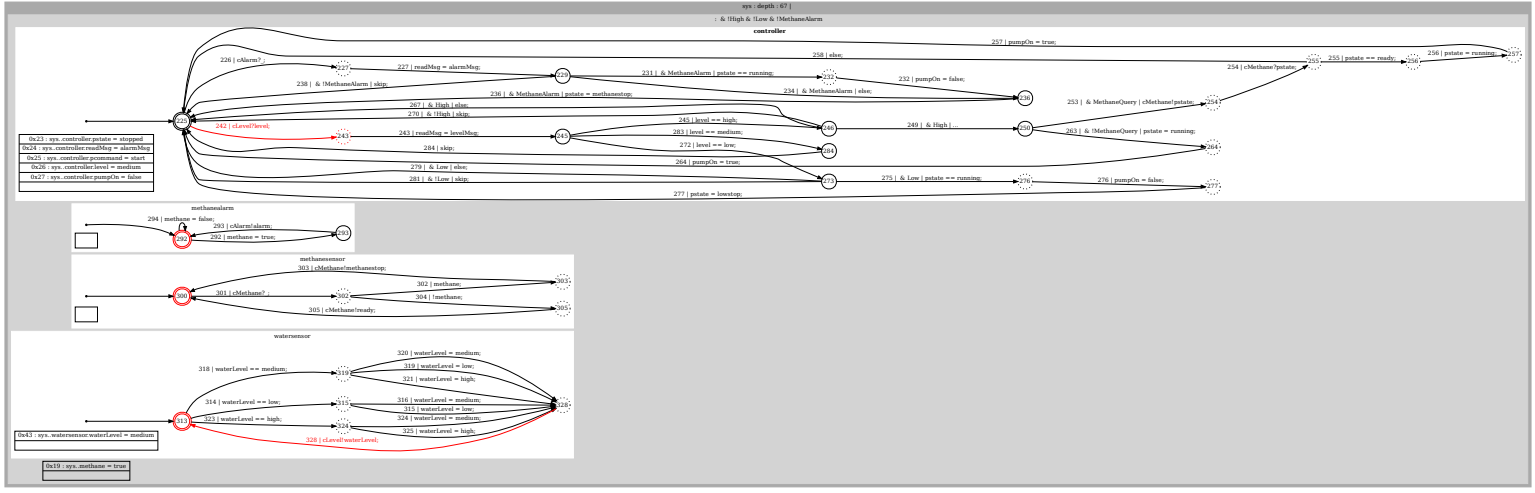

sys : depth : 62 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = true

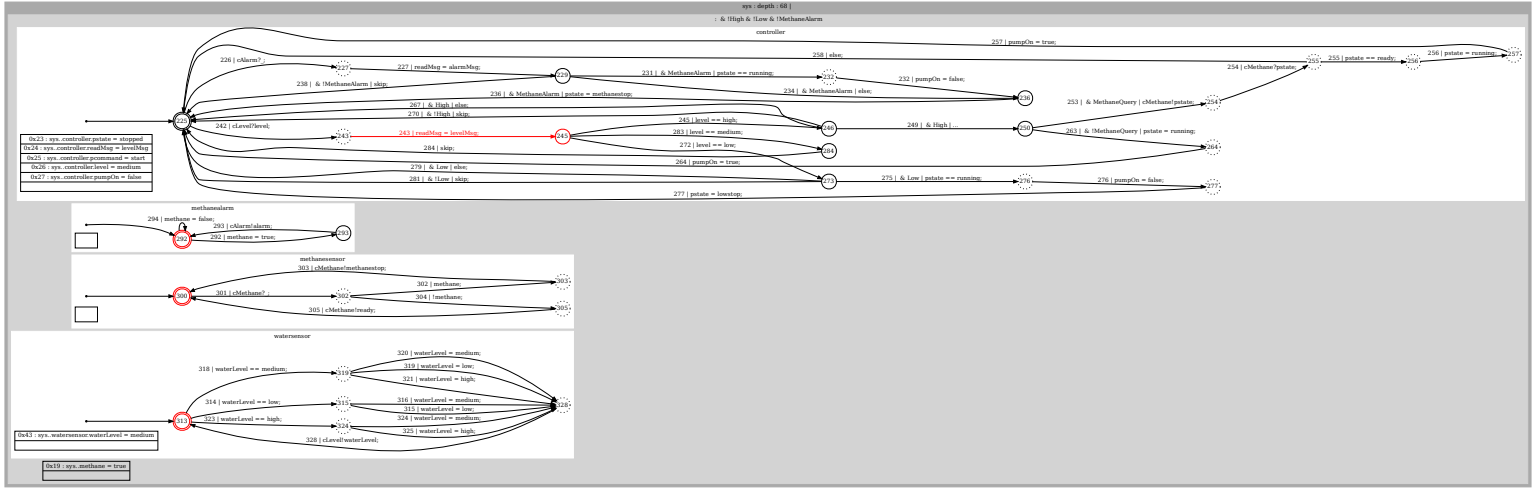

sys : depth : 63 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
316
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
320
321
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
324
325
326
327
328 | cLevel!waterLevel;
328
0x19 : sys..methane = true

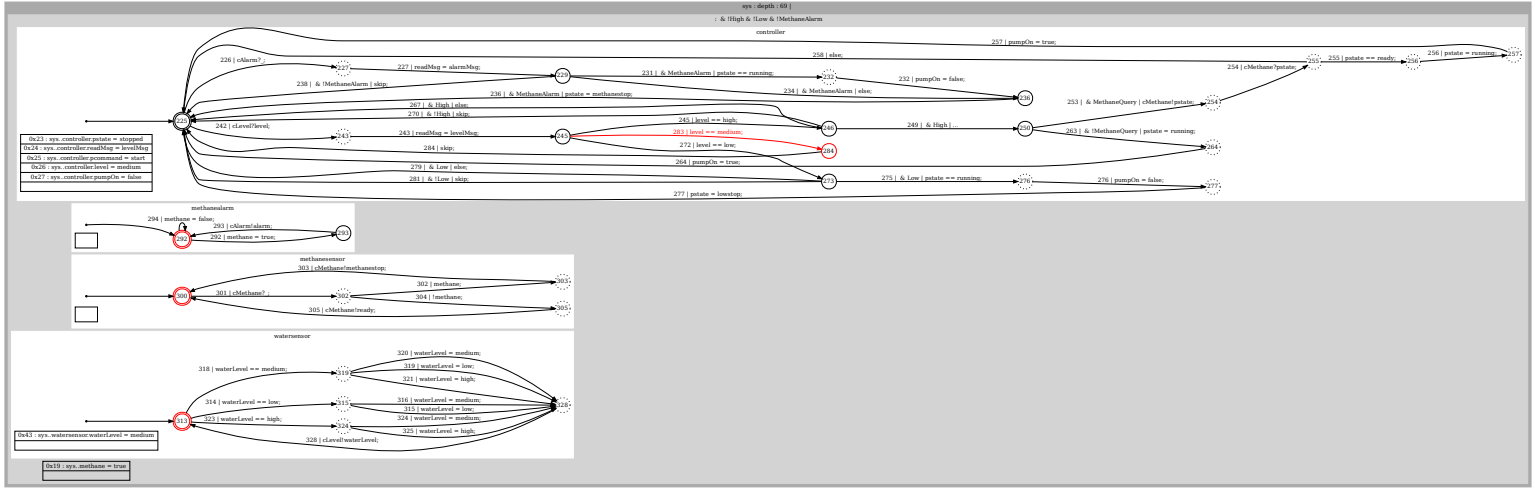

sys : depth : 64 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.rsmdMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | rsmdMsg = alarmMsg;
228 | & !MethaneAlarm | skip;
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238
239
240
241
242 | cLevel?level;
243 | rsmdMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
300
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
315
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLevel!waterLevel;
313
328
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = true

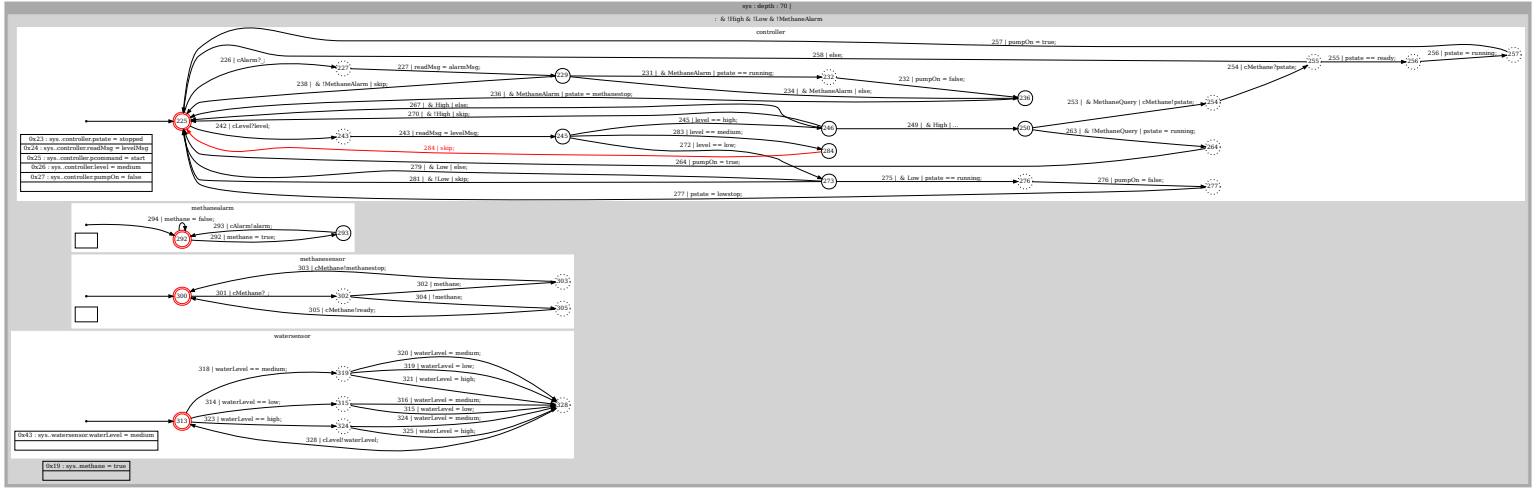

sys : depth : 65 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.rsmMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | rsmMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & MethaneAlarm | else;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | rsmMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257
267 | & High | else;
270 | & High | skip;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
263 | & !MethaneQuery | pstate = running;
264
279 | & Low | else;
281 | & !Low | skip;
271
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
293
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
300
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
319
314 | waterLevel == low;
313
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
313
324
328
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = true

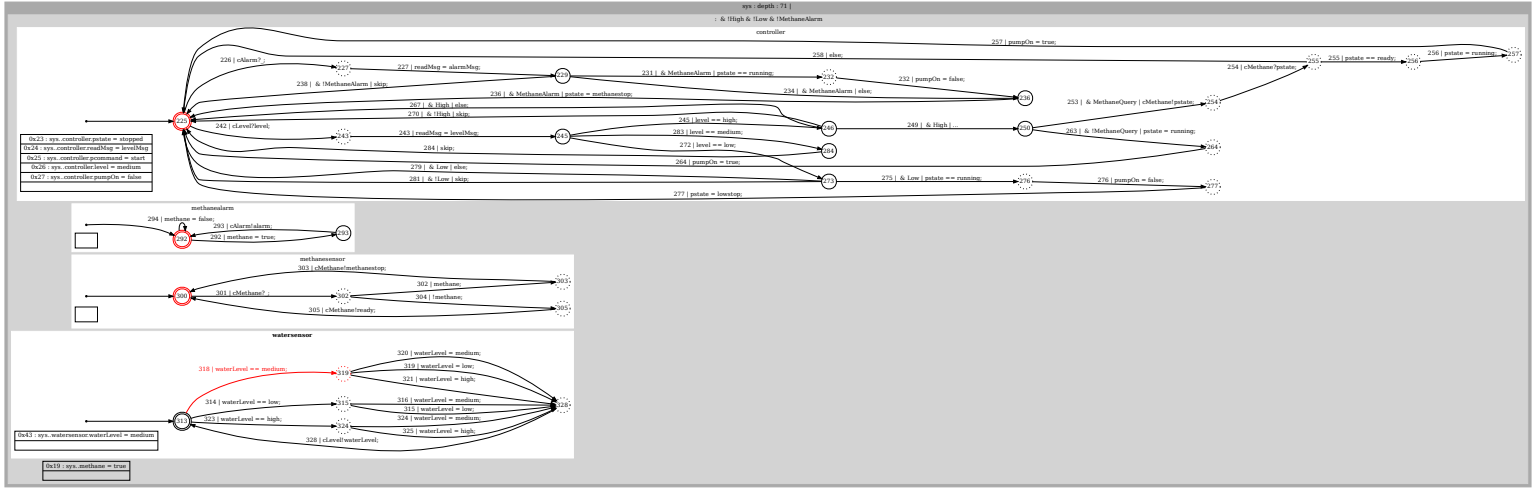

sys : depth : 66 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = high
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274 | cMethane?pstate;
275 | & Low | pstate == running;
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = medium
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
324
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = true

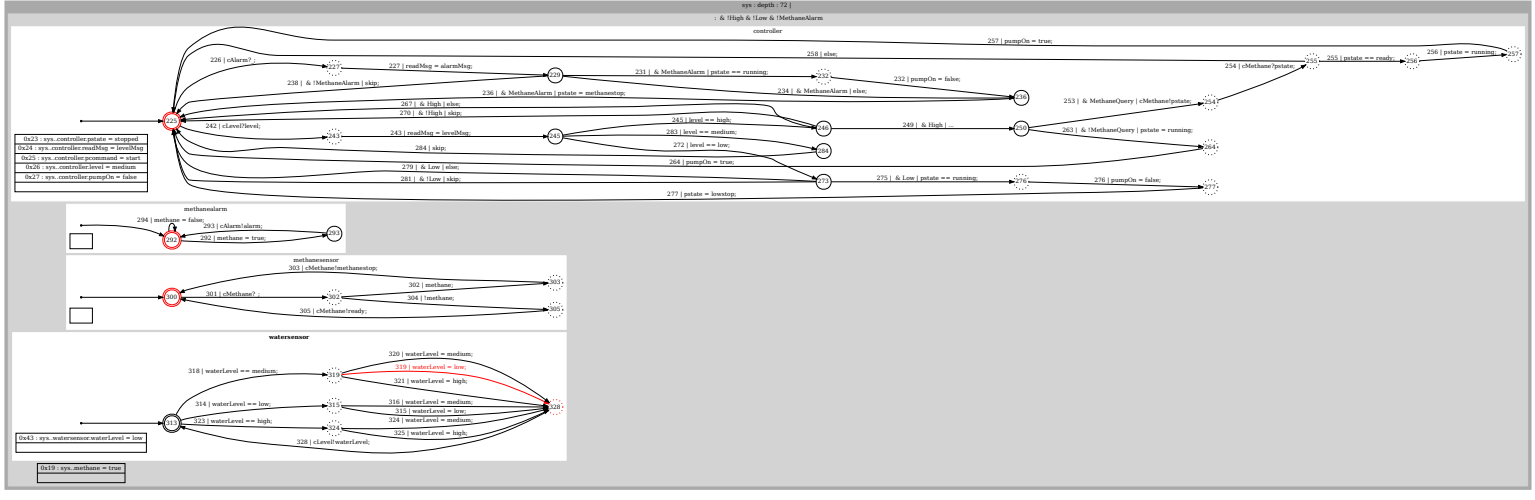

sys : depth : 67 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane?methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
313
328
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

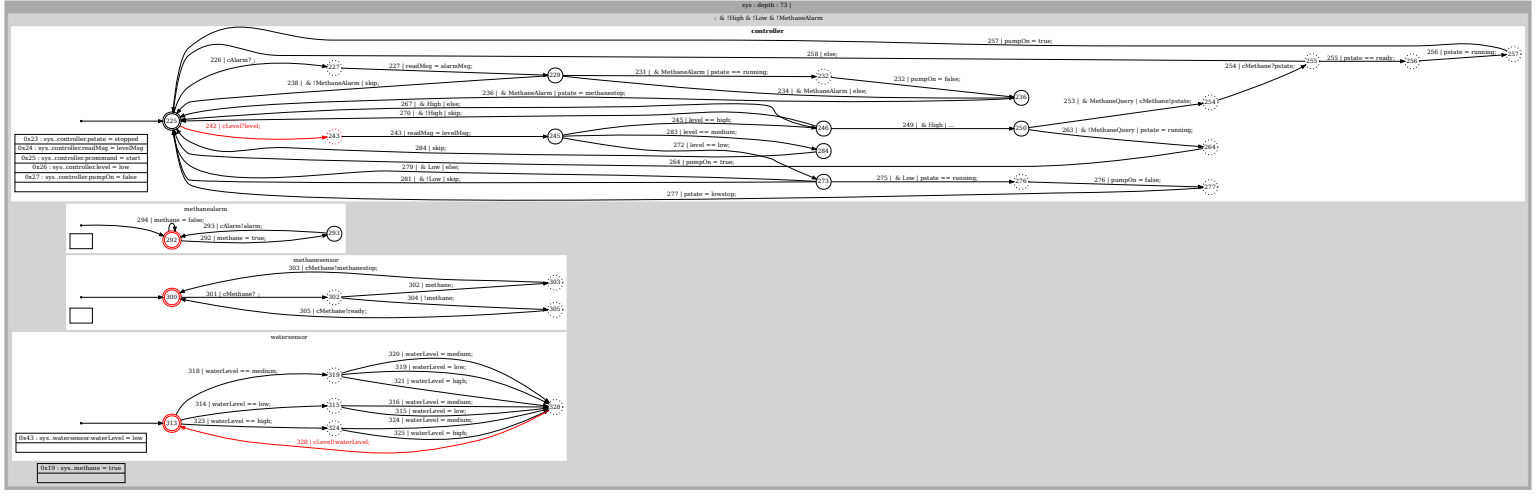

sys : depth : 68 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaveal!waterLaveal;
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true

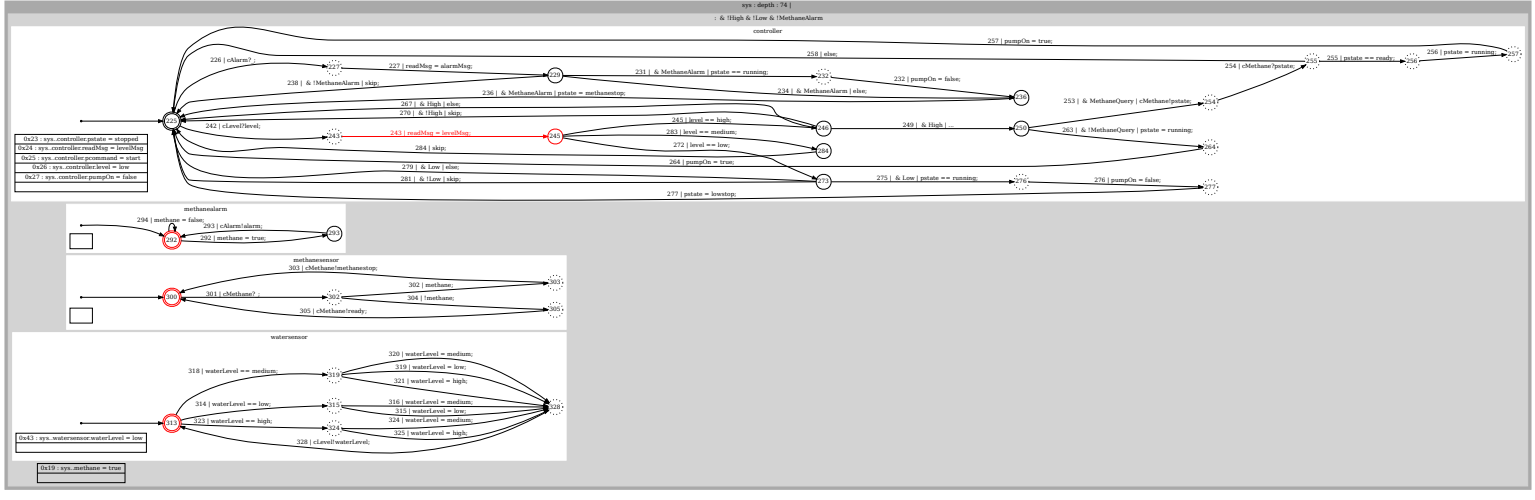

sys : depth : 69 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
313
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

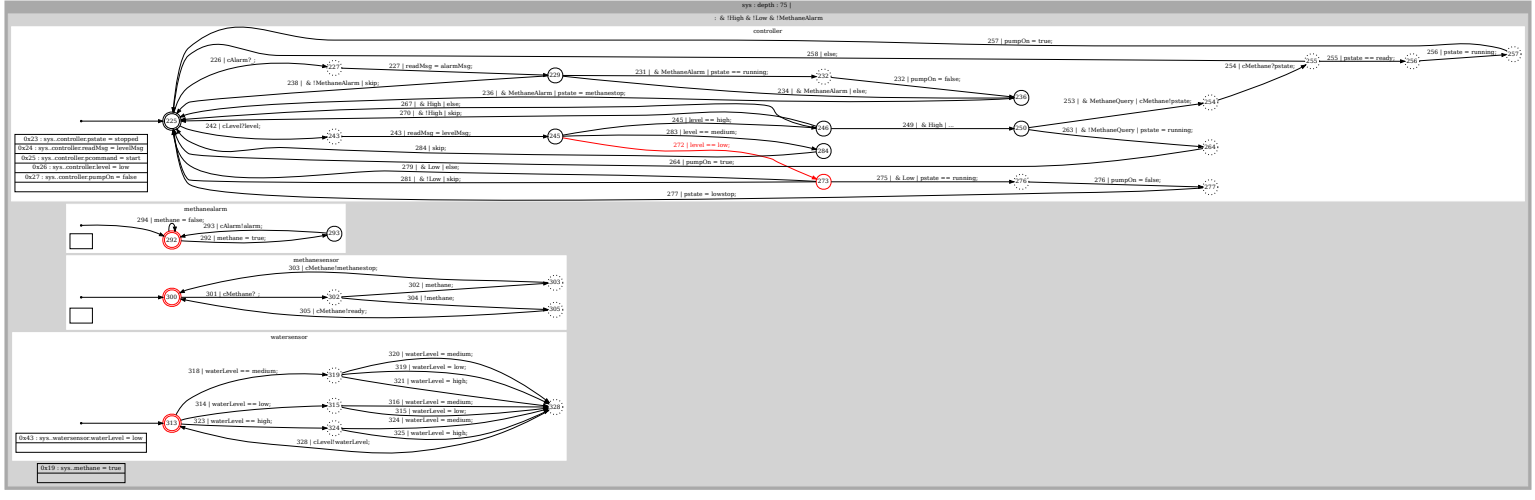

sys : depth : 70 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
225
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
313
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true

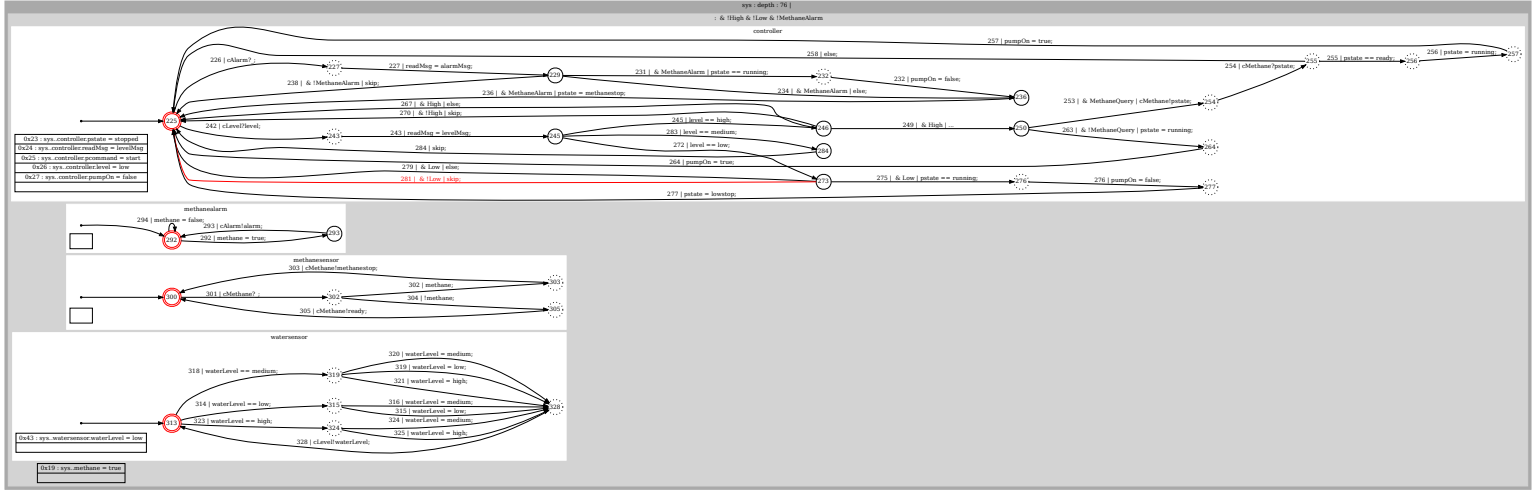

sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
225
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
313
328 | cLaveal!waterLaveal;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

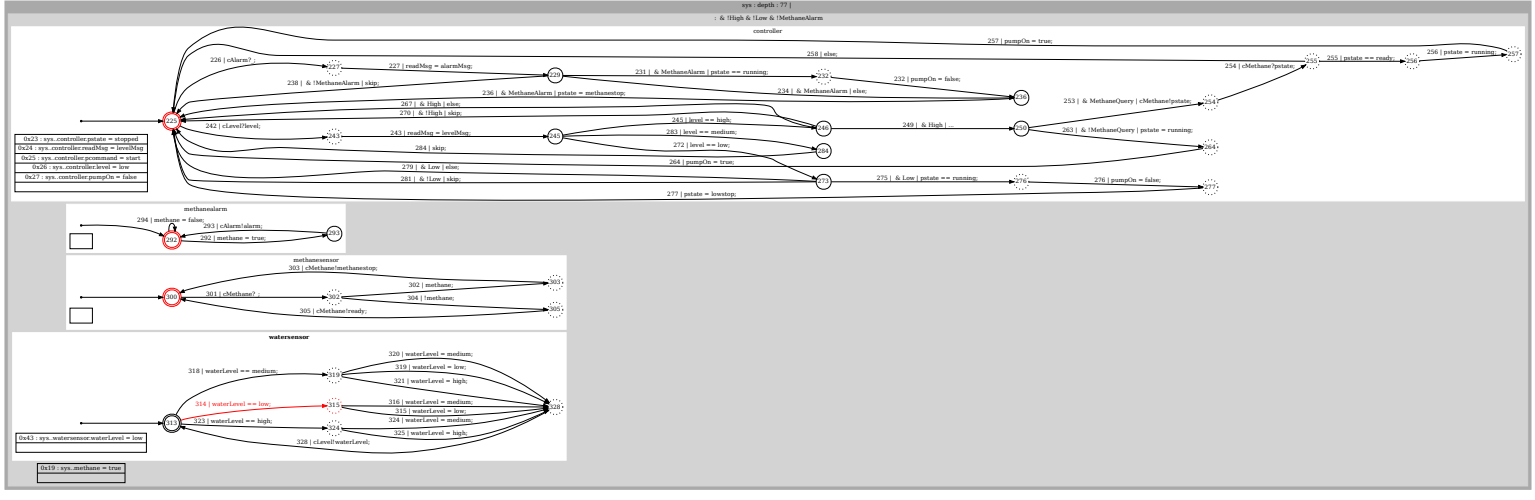

sys : depth : 72 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

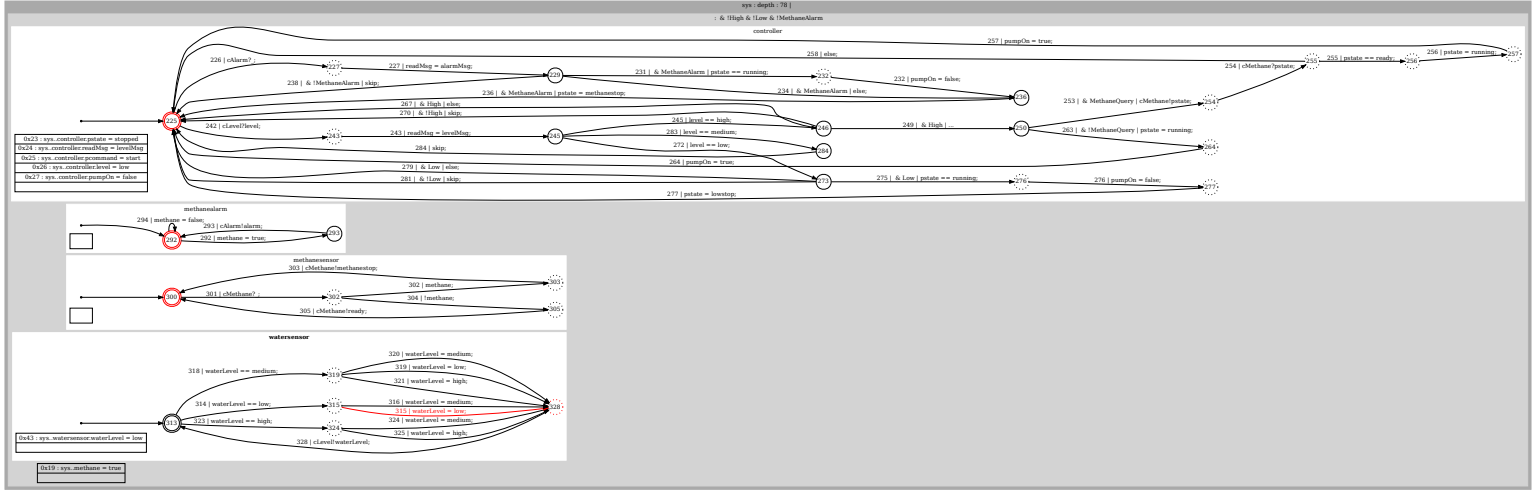

sys : depth : 73 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel!level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = low
0x19 : sys.methane = true

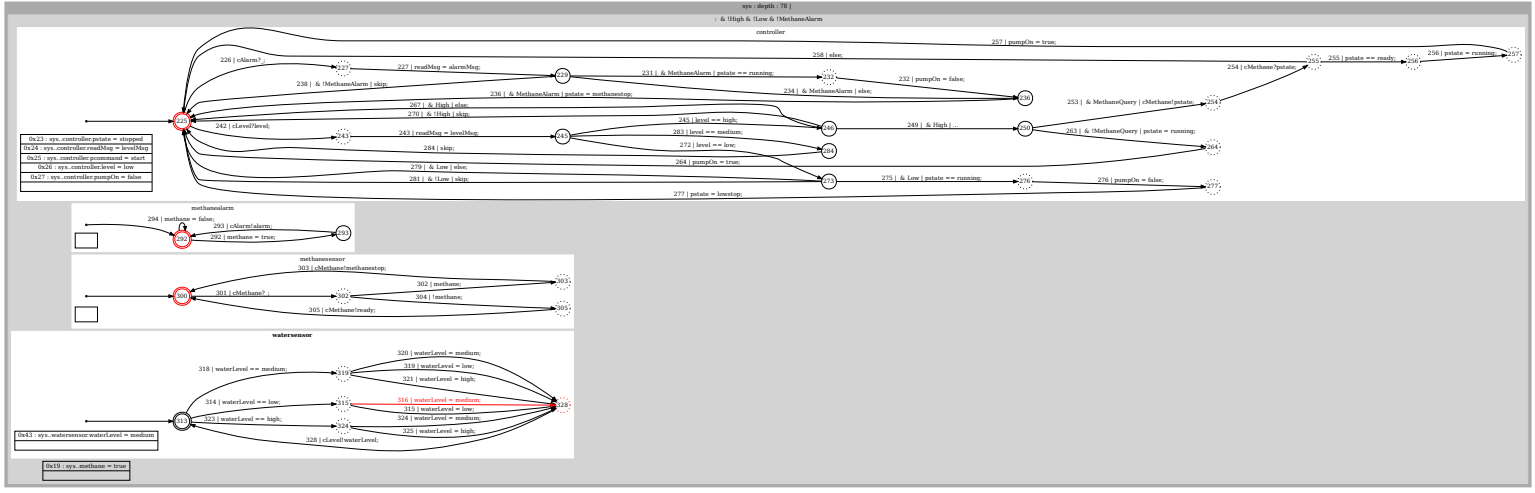

sys : depth : 74 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
241
242 | cLevel?level;
243 | readMsg = levelMsg;
245
245 | level == high;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = true

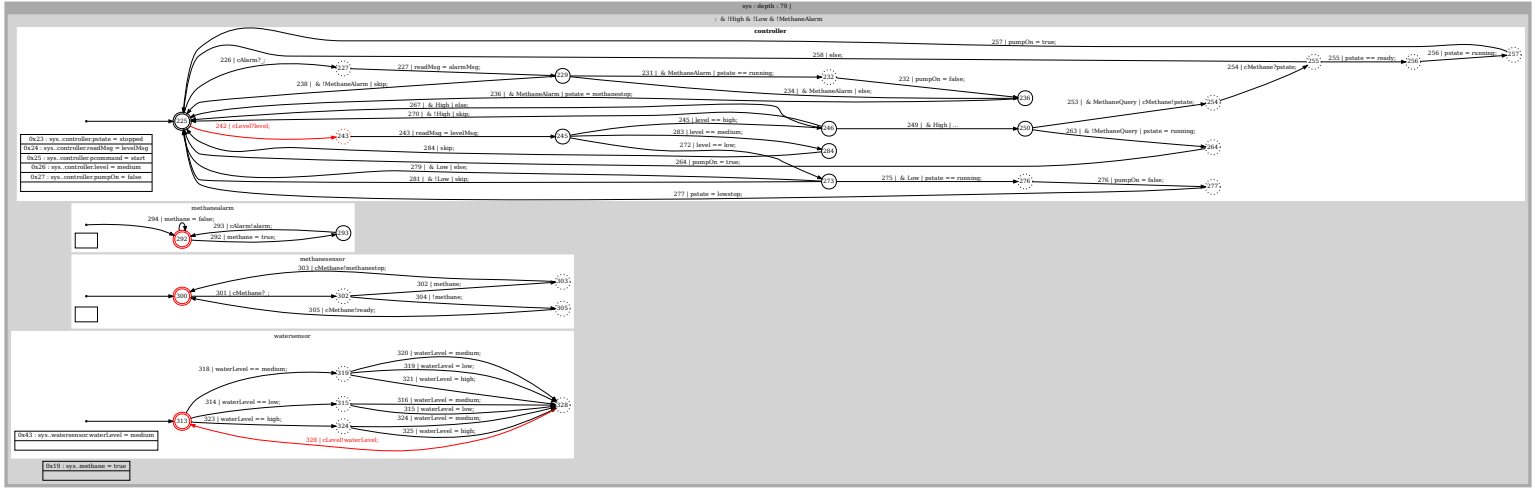

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

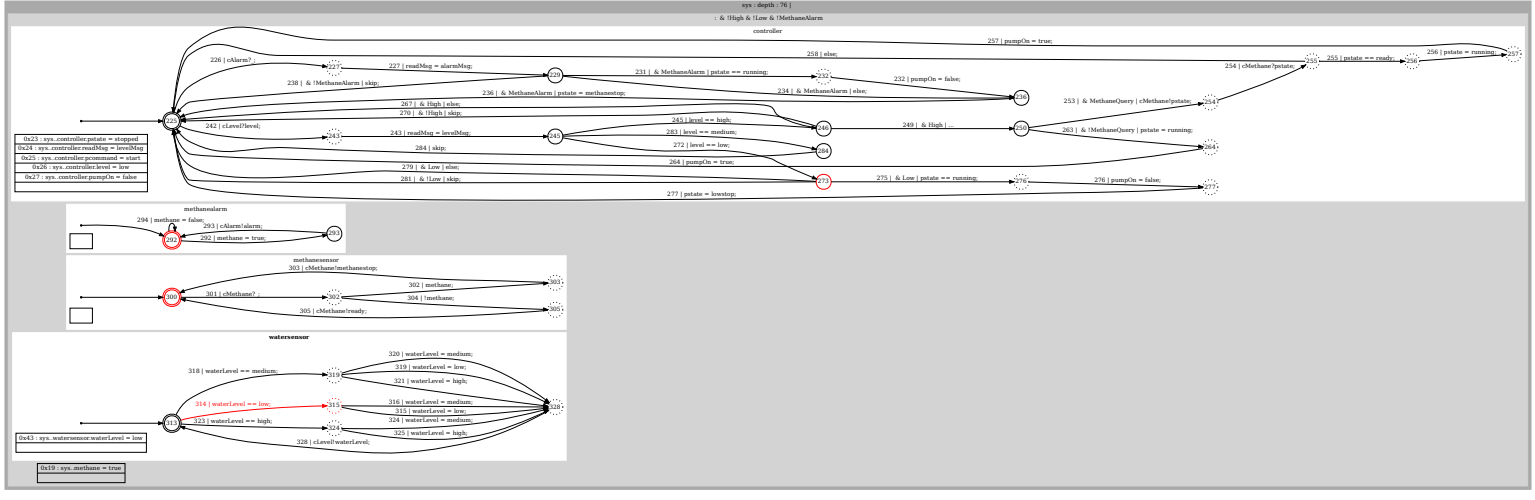

sys : depth : 76 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

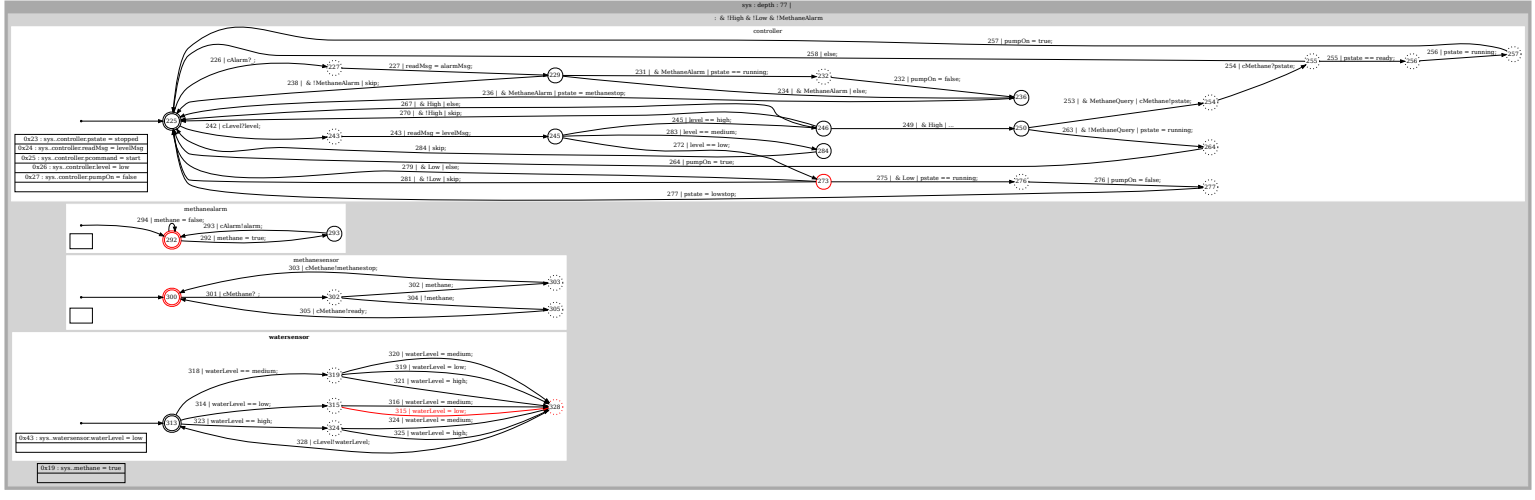

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
257 | pumpOn = true;
258 | else;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

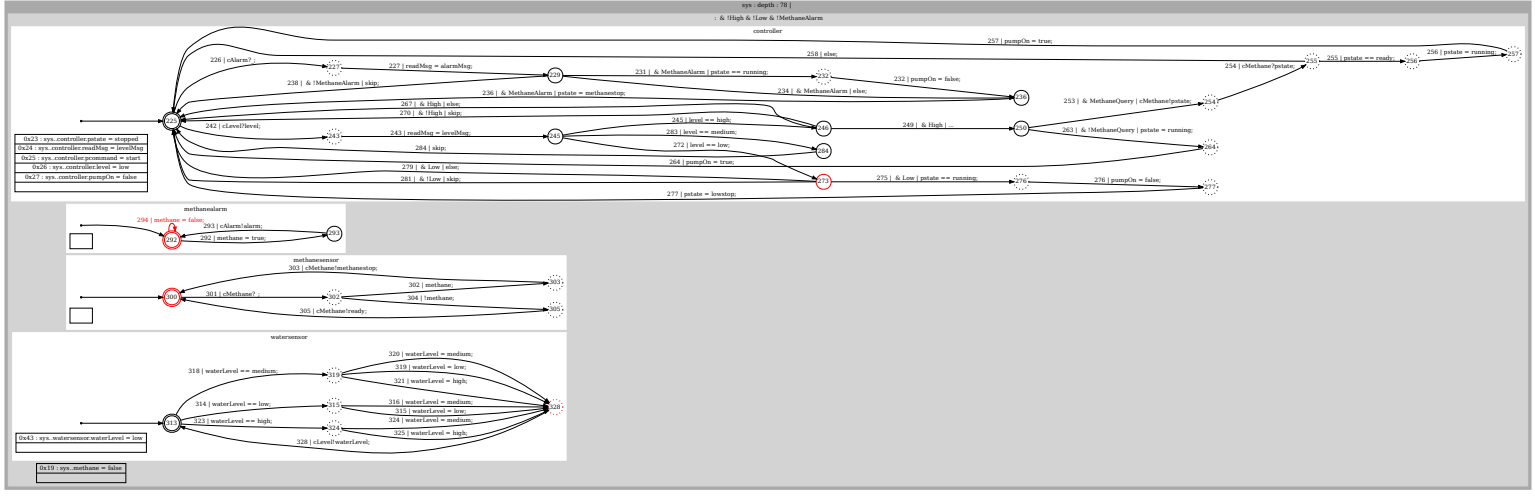

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
245 | level == high;
249 | & High | ...
243 | readMsg = levelMsg;
283 | level == medium;
283 | & !MethaneQuery | pstate = running;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

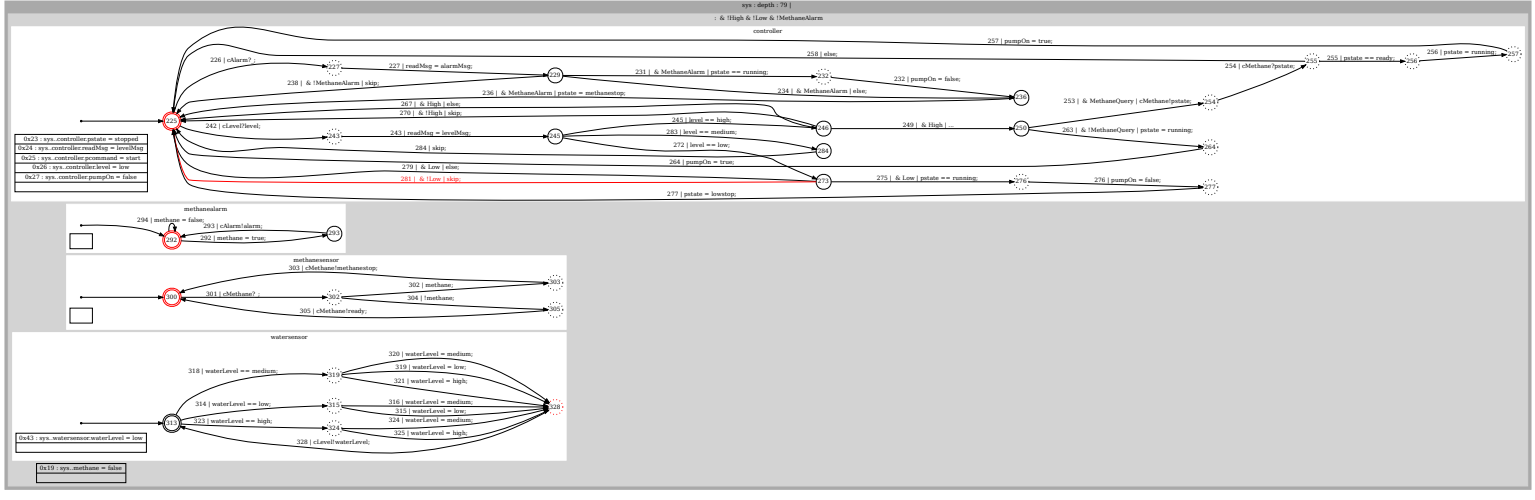

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
225
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

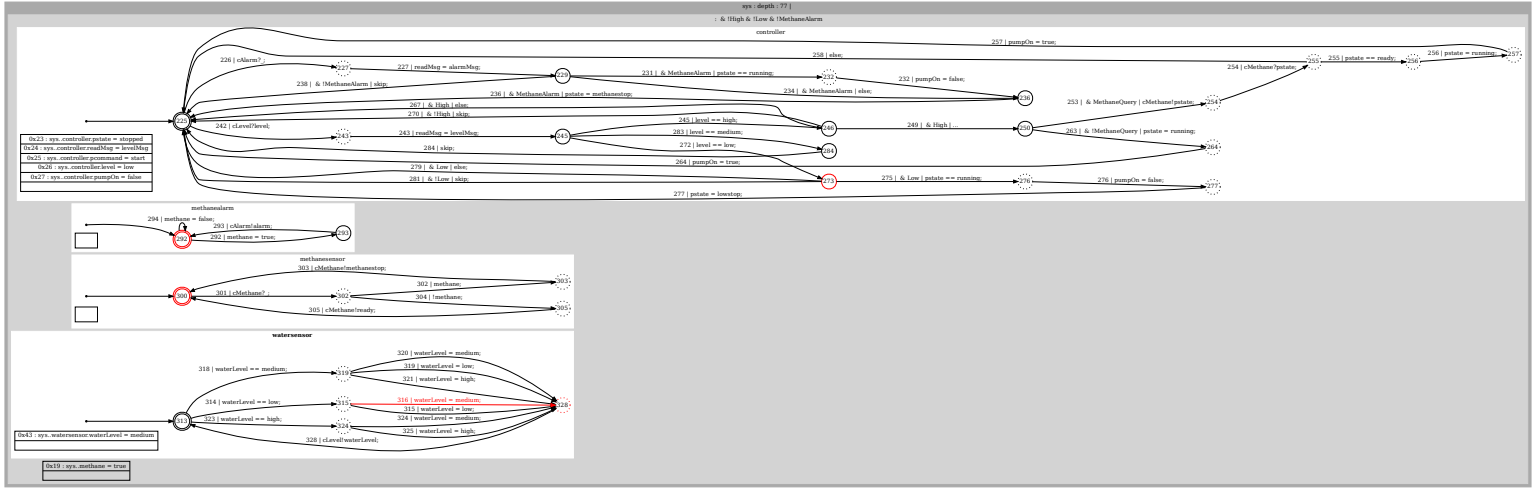

sys : depth : 79 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
313
328
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

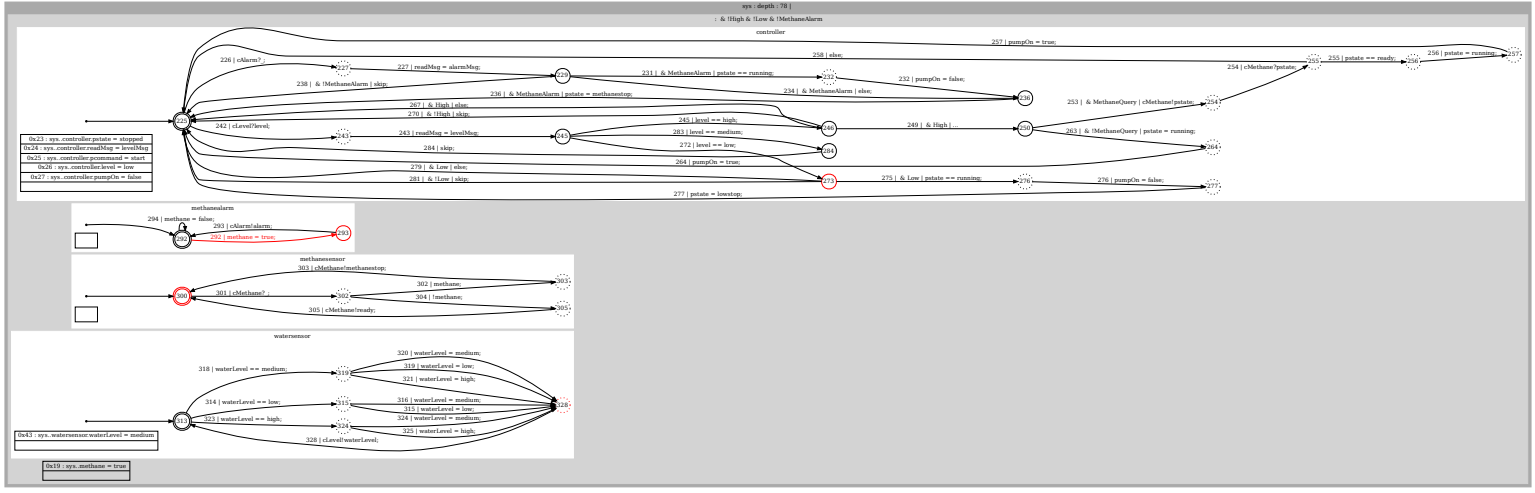

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane?pstate;
283 | & !MethaneQuery | pstate = running;
279 | & Low | else;
281 | & !Low | skip;
264 | pumpOn = true;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

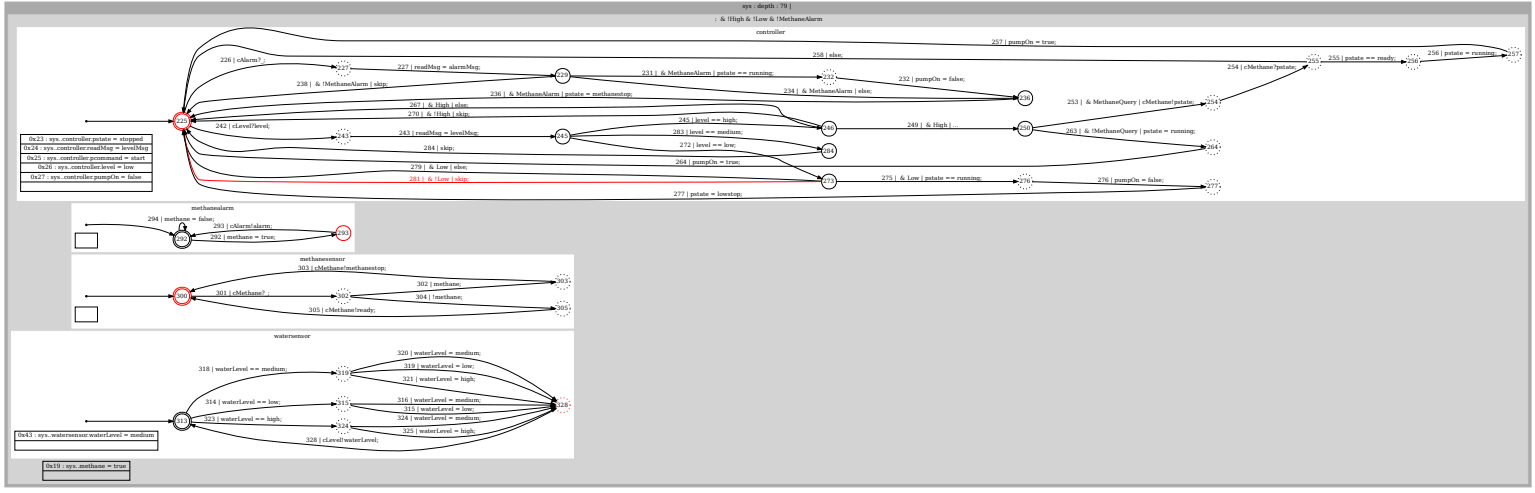

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
316 | waterLevel = medium;
315 | waterLevel = low;
314 | waterLevel == low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = low
0x19 : sys..methane = true

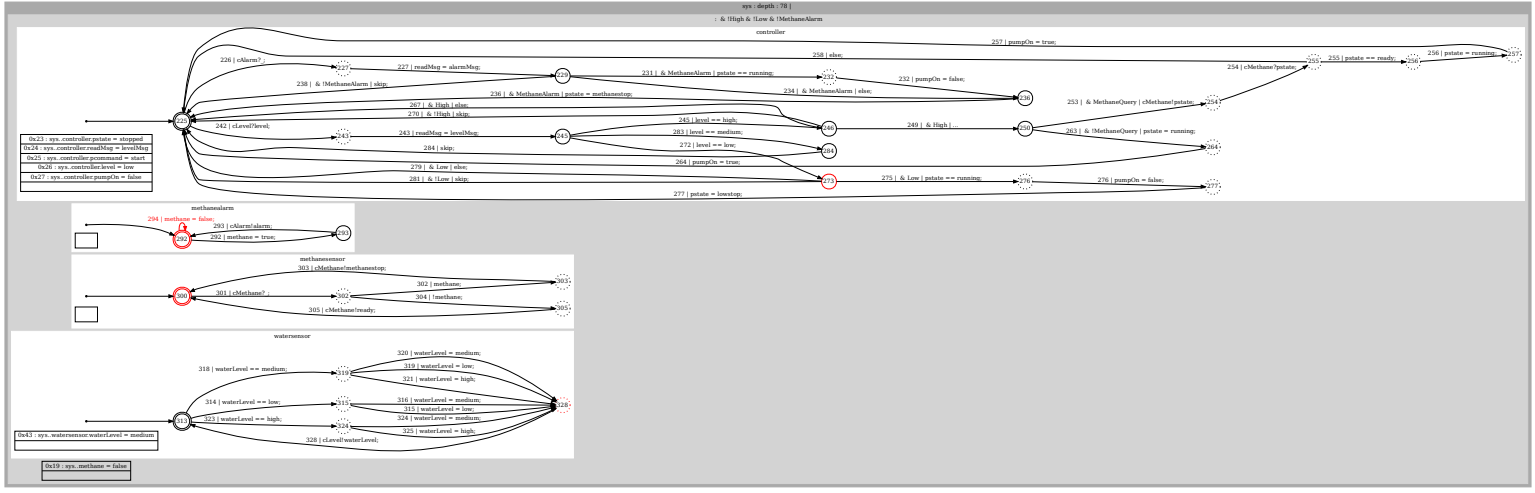

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
254 | cMethane!pstate;
methanealarm
294 | methane = false;
292
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

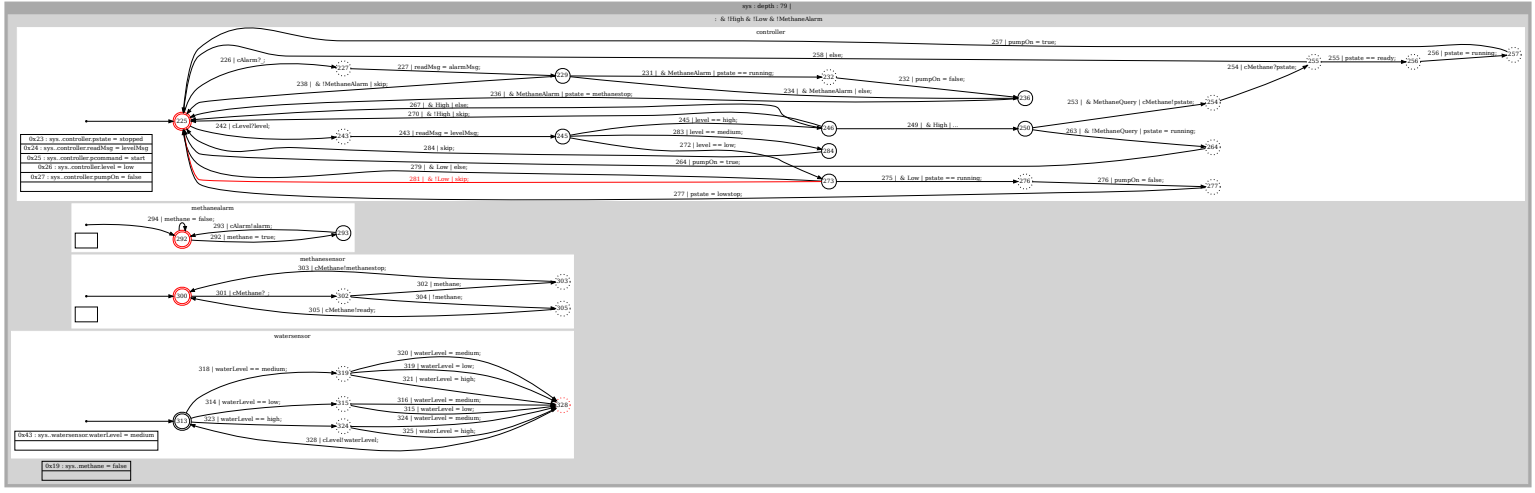

sys : depth : 79 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = low
0x19 : sys..methane = false

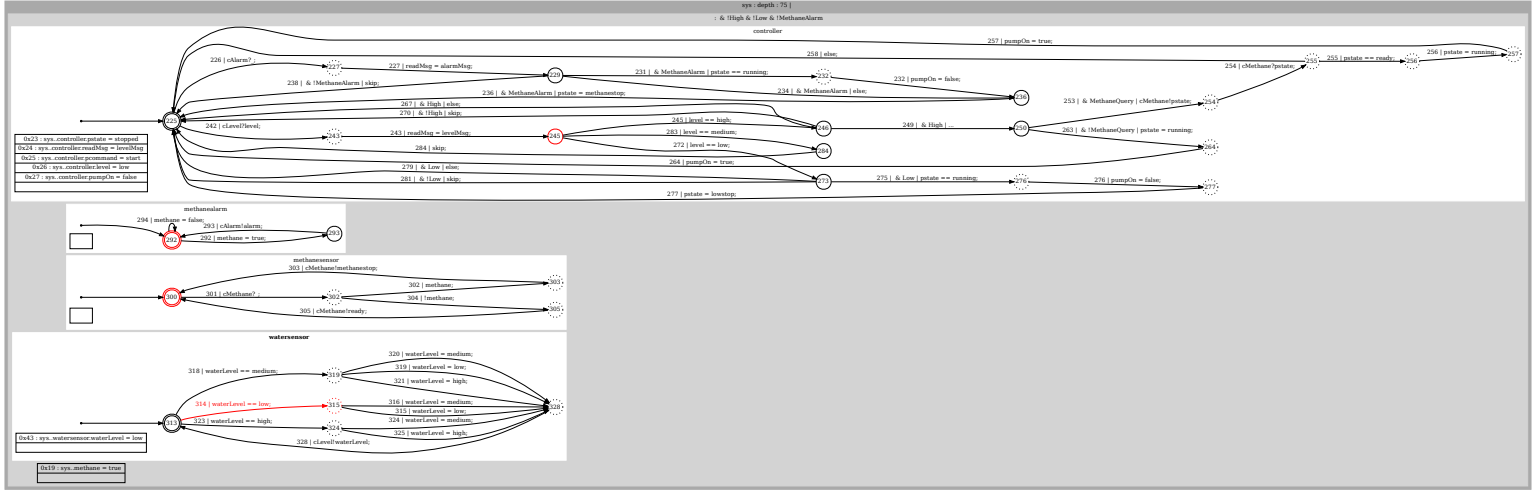

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
328
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

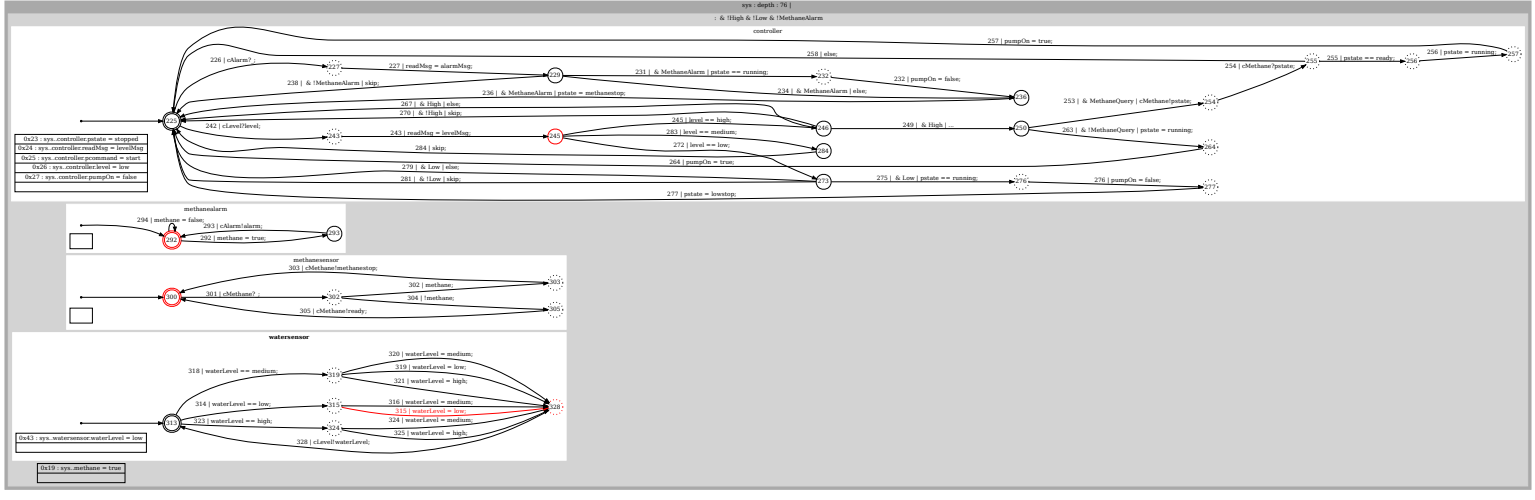

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
264
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

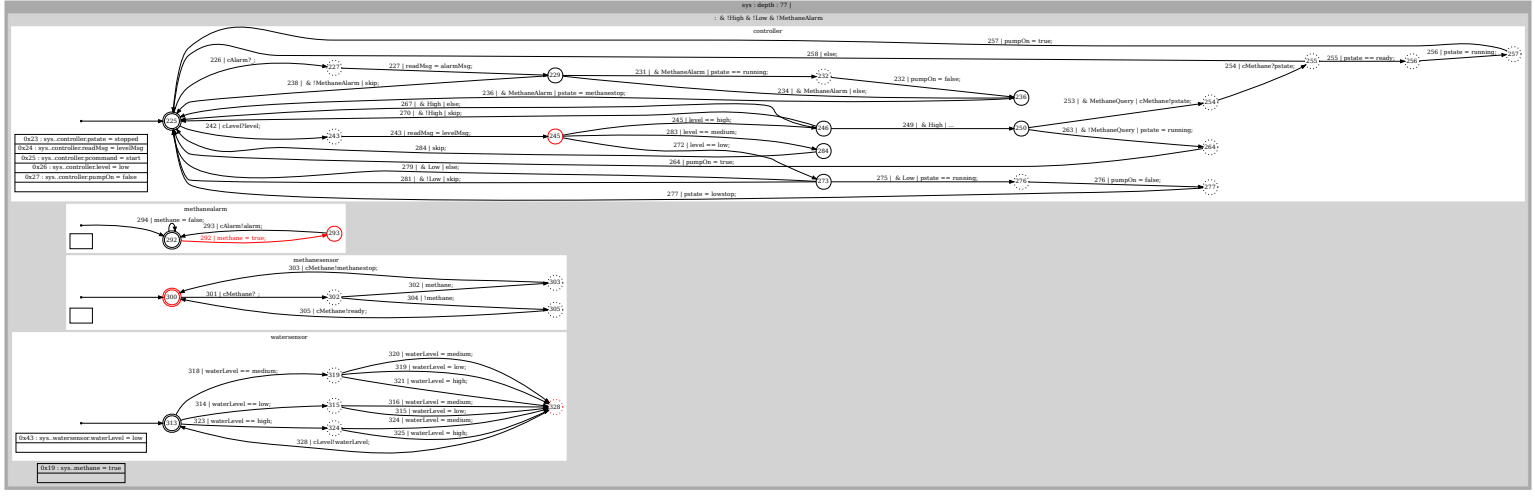

sys : depth : 79 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane?methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

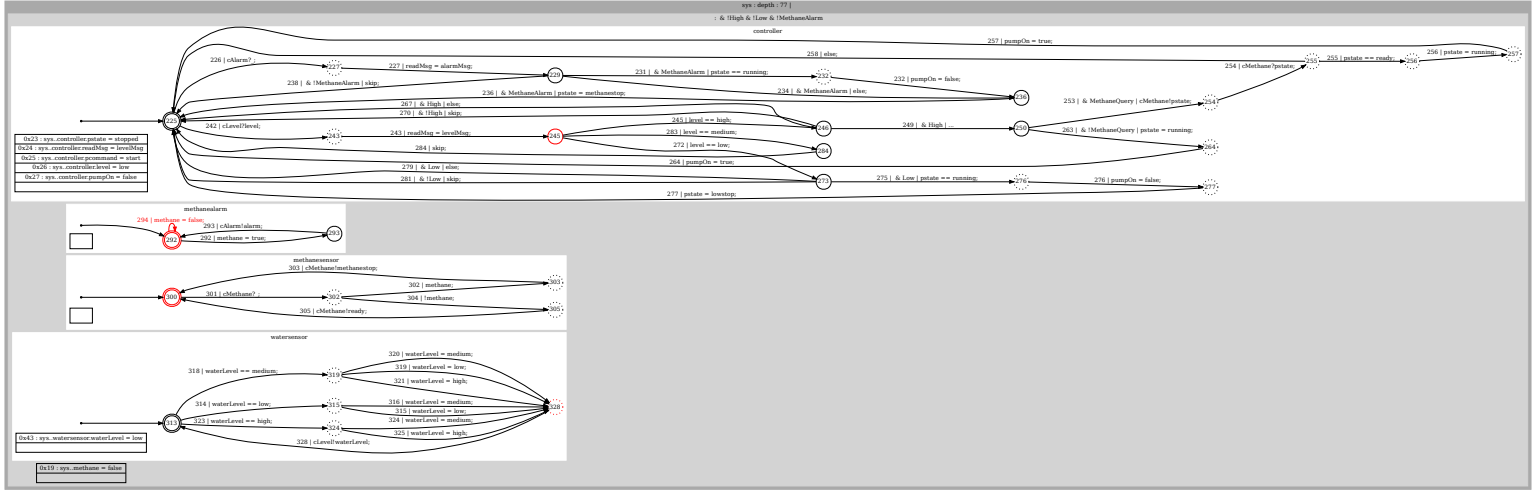

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
264
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

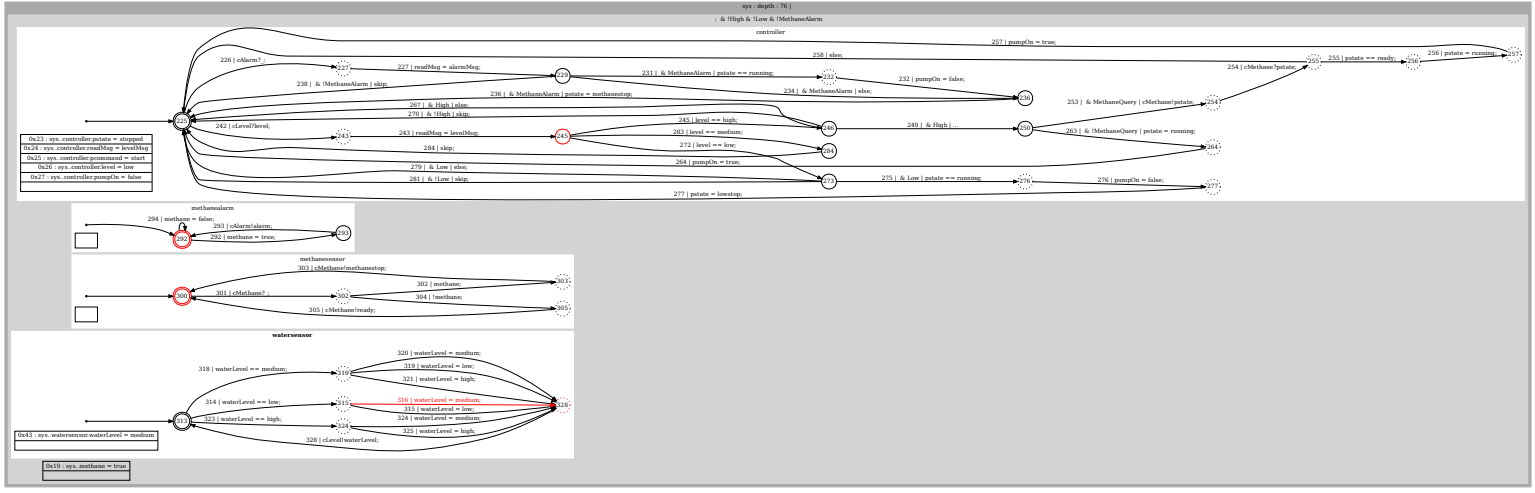

sys : depth : 79 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys. controller.pstate = stopped
0x24 : sys. controller.readMsg = levelMsg
0x25 : sys. controller.pcommand = start
0x26 : sys. controller.level = low
0x27 : sys. controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
319
328
0x43 : sys. watersensor.waterLevel = medium
0x19 : sys. methane = false

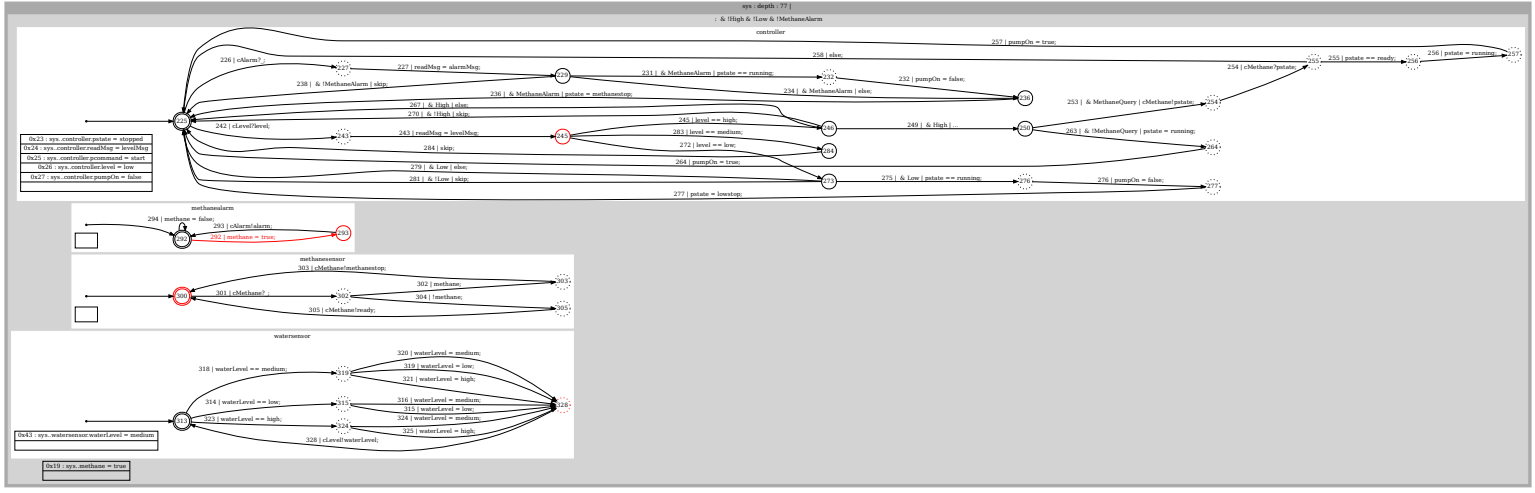

sys : depth : 75 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

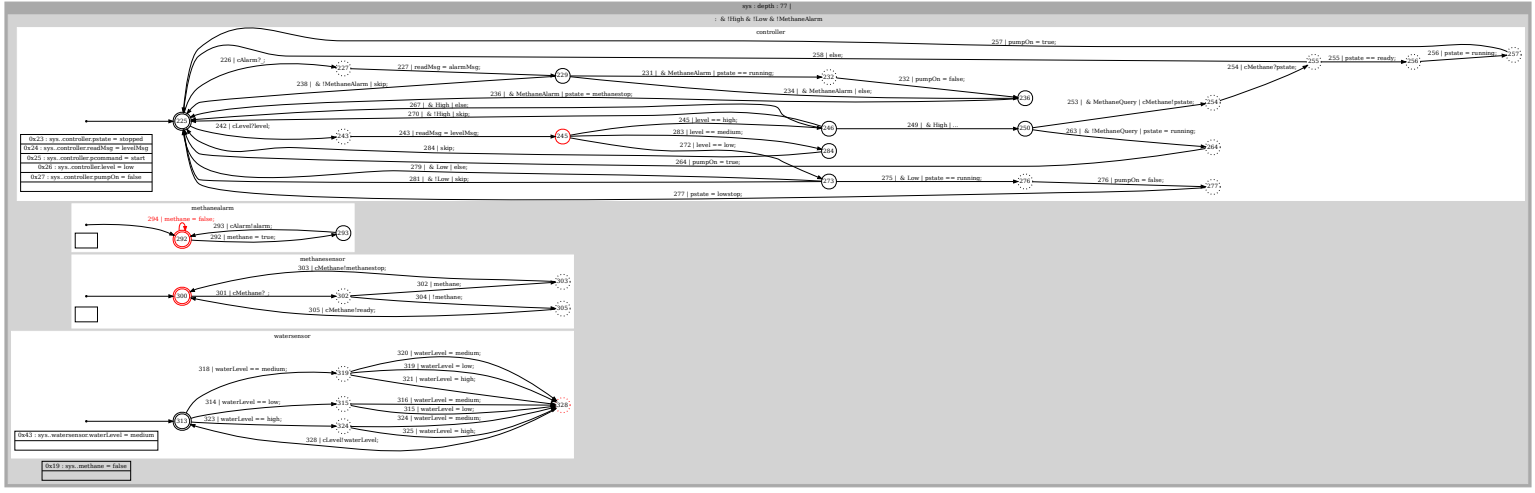

sys : depth : 76 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

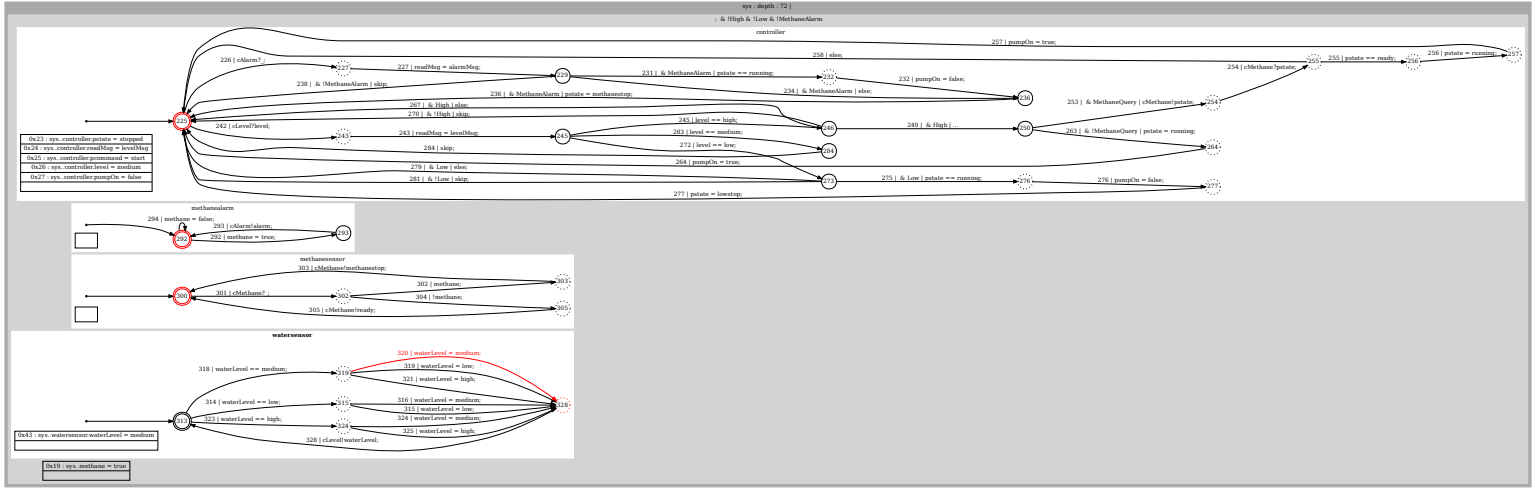

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = low
0x19 : sys._methane = true

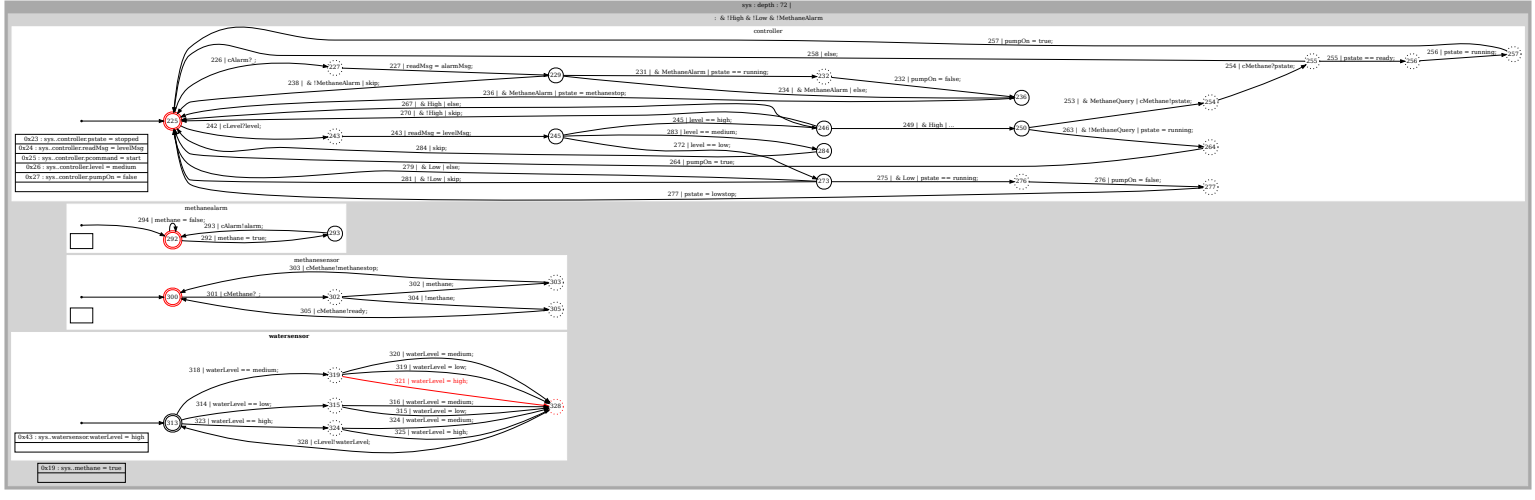

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = low
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
254 | cMethane!pstate;
methanealarm
294 | methane = false;
292
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
324
325
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

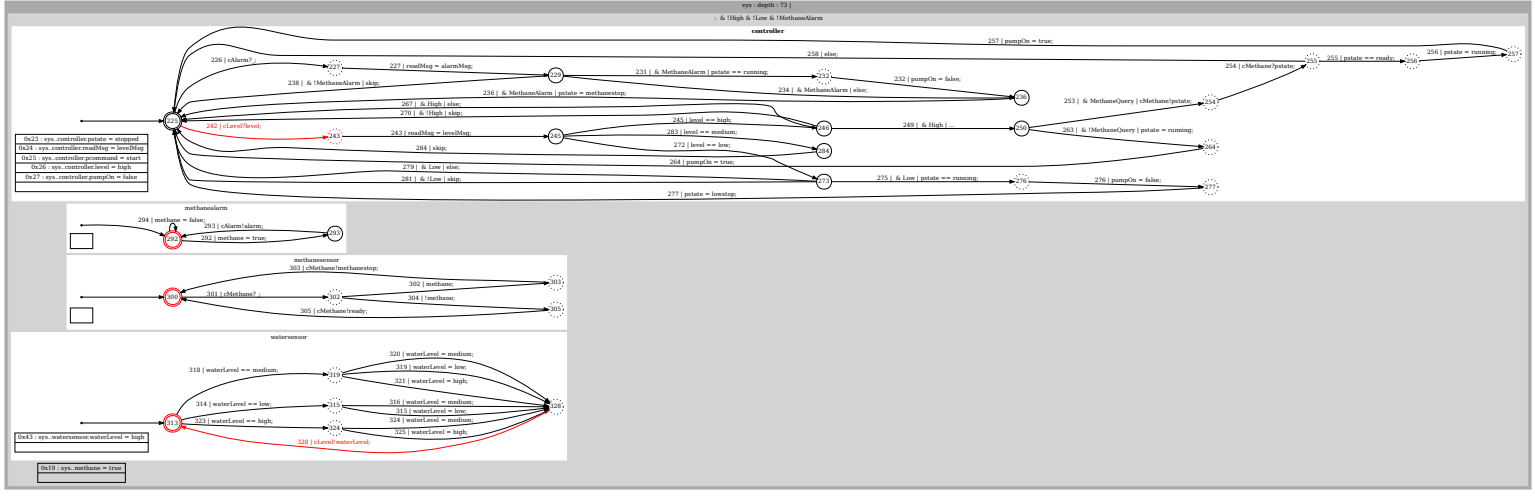

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
254 | cMethane?pstate;
254
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaval!waterLaval;
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

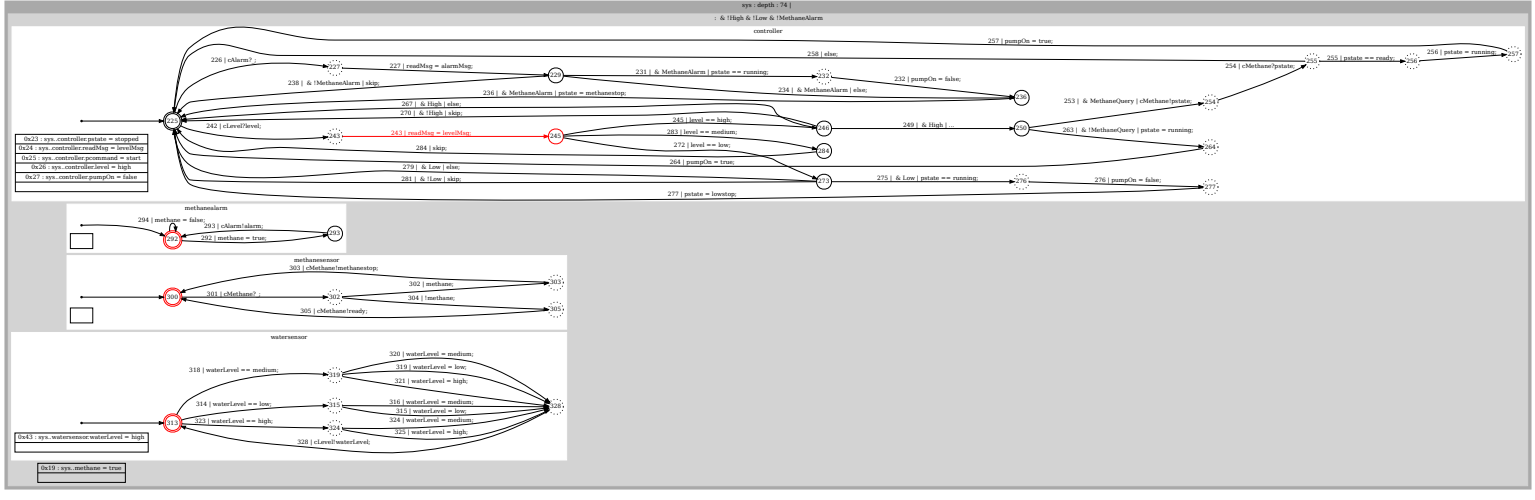

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
229
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

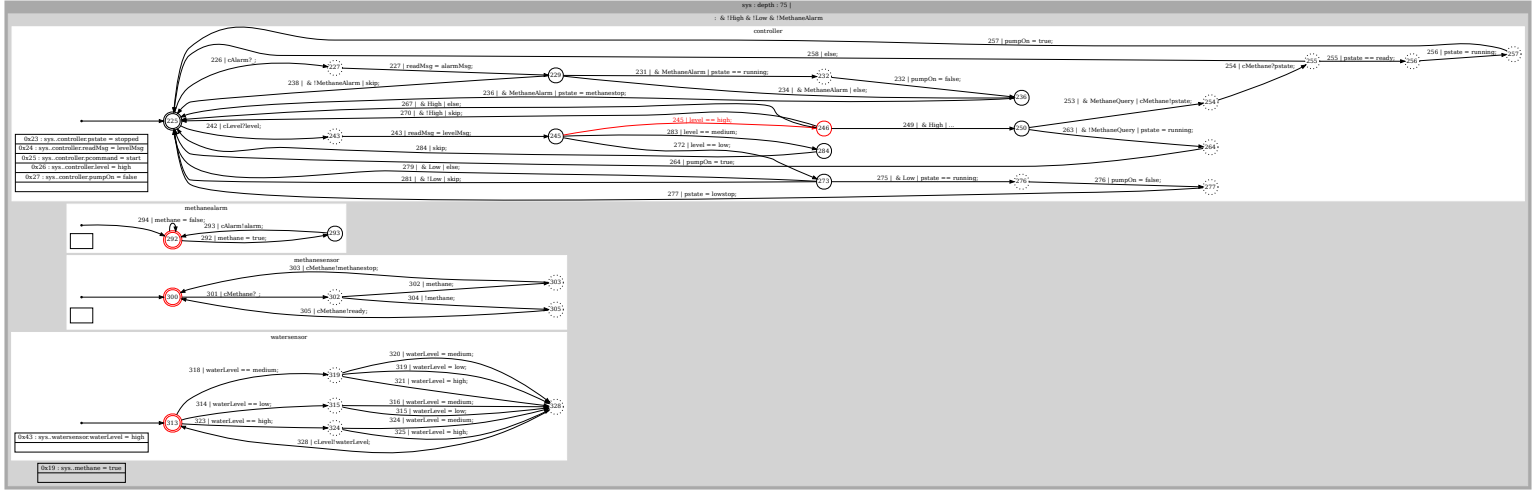

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = low
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
313
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

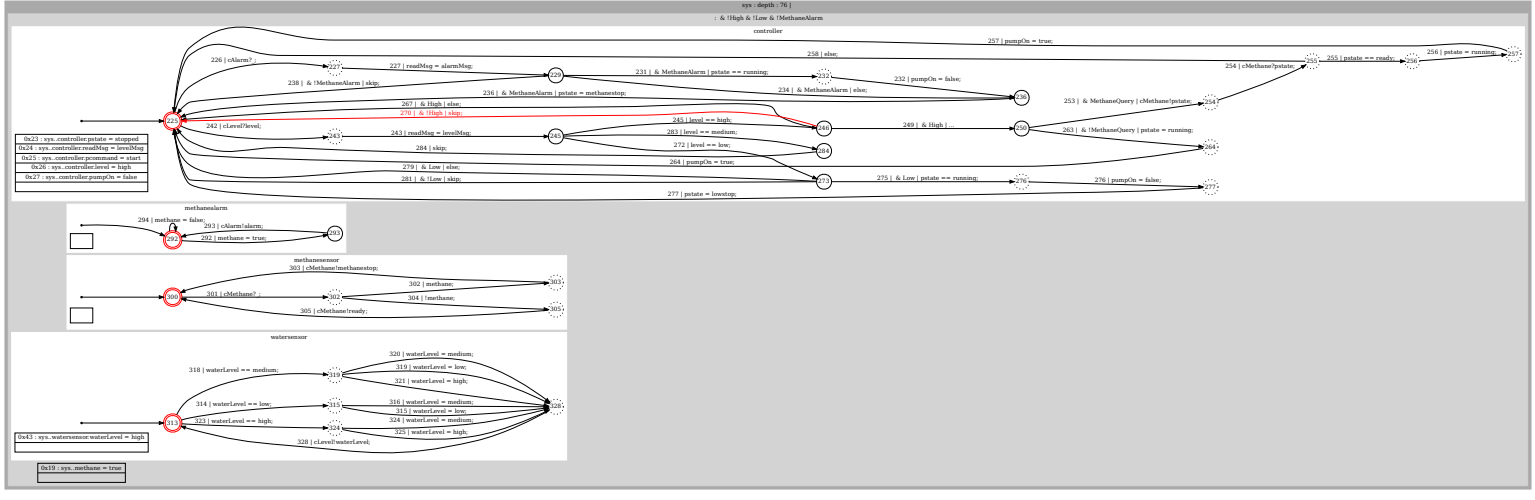

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
305
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
323 | waterLevel == high;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
324
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

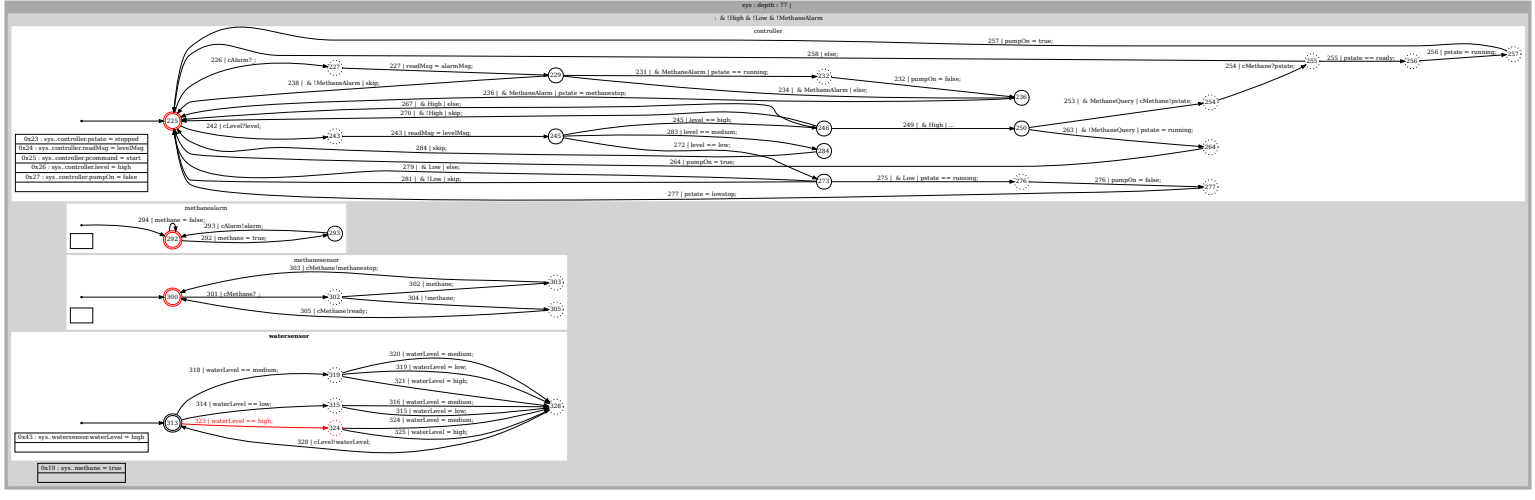

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

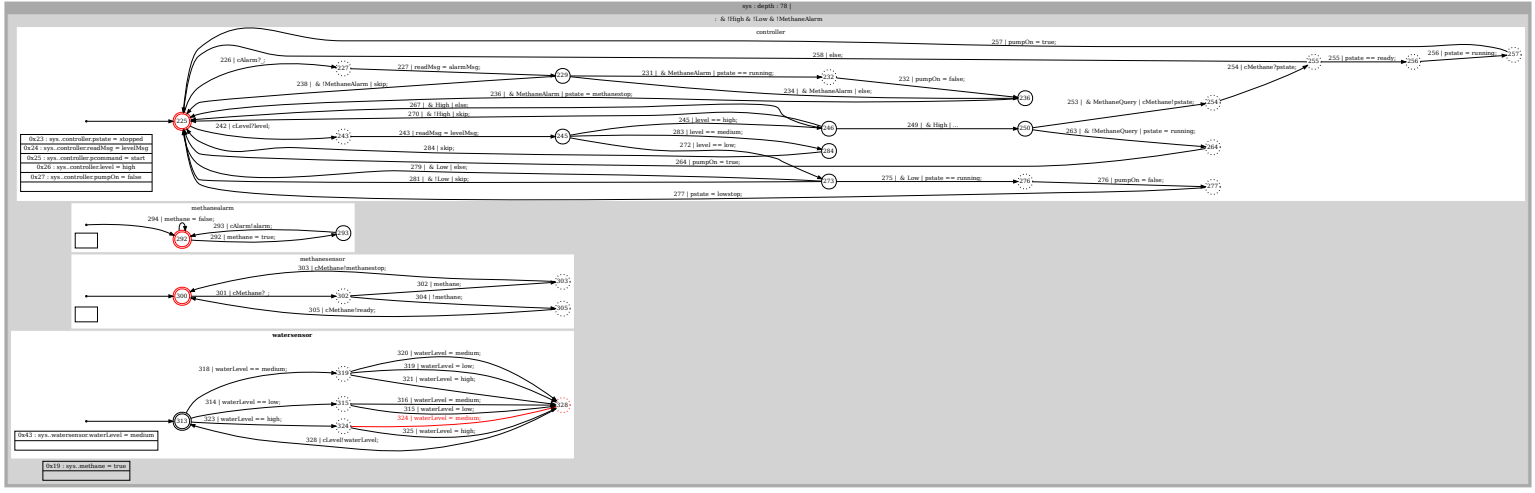

sys : depth : 73 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
256 | pstate = running;
255 | pstate == ready;
254 | cMethane?pstate;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane?pstate;
242 | cLevel?level;
245 | level == high;
243 | readMsg = levelMsg;
283 | level == medium;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
302 | methane;
301 | cMethane? ;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
0x43 : sys..watersensor.waterLevel = high
328 | cLevel!waterLevel;
0x19 : sys..methane = true

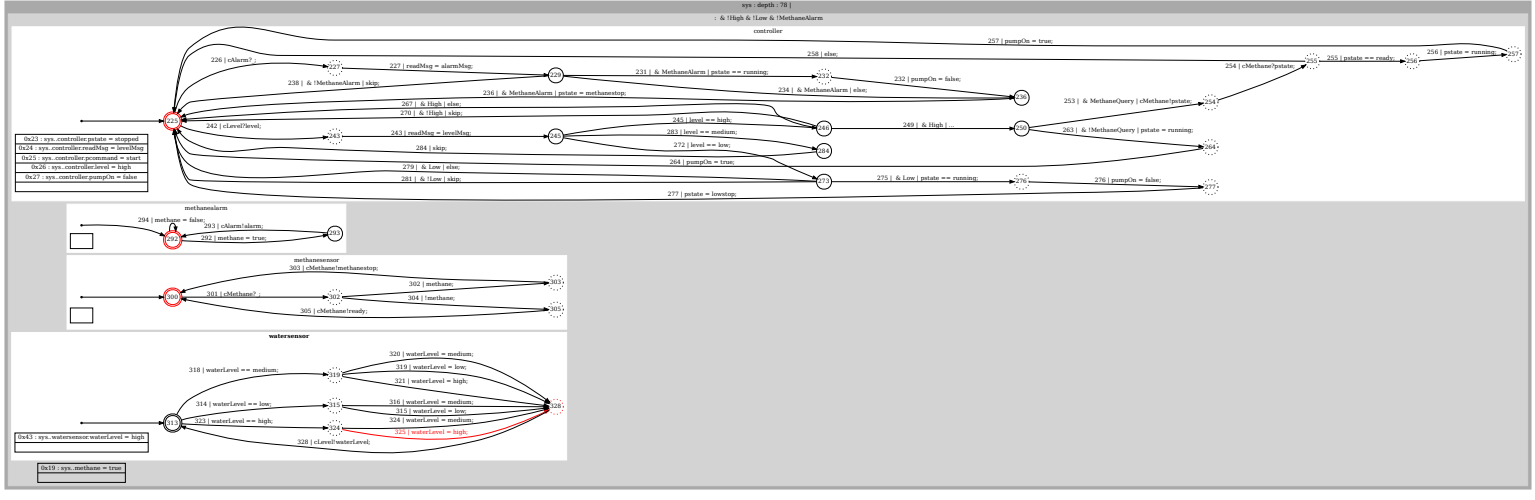

sys : depth : 74 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

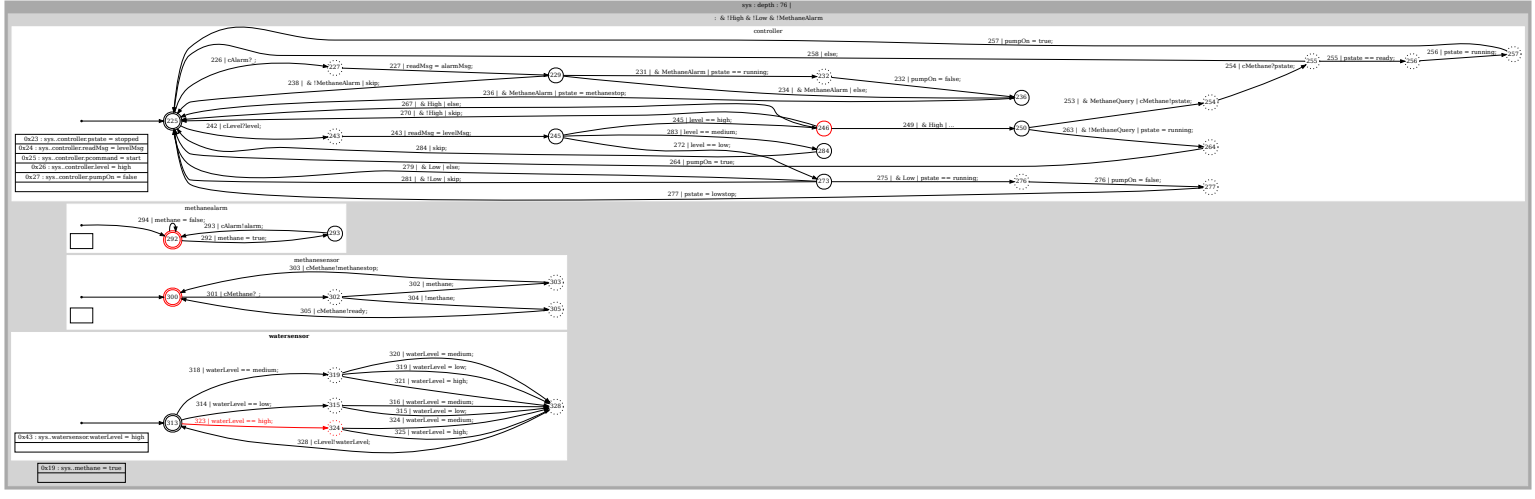

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

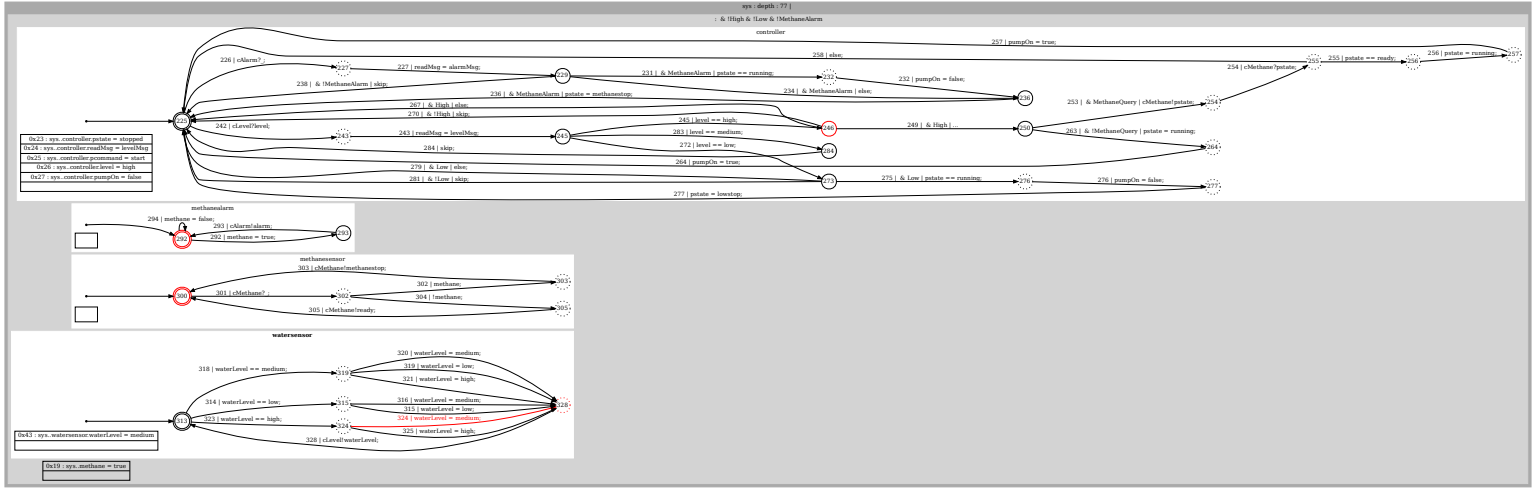

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259 | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
268
269
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
276 | pumpOn = false;
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
264 | pumpOn = true;
254 | cMethane!pstate;
255 | pstate = ready;
256 | pstate = running;
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
303 | cMethane!methanestop;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

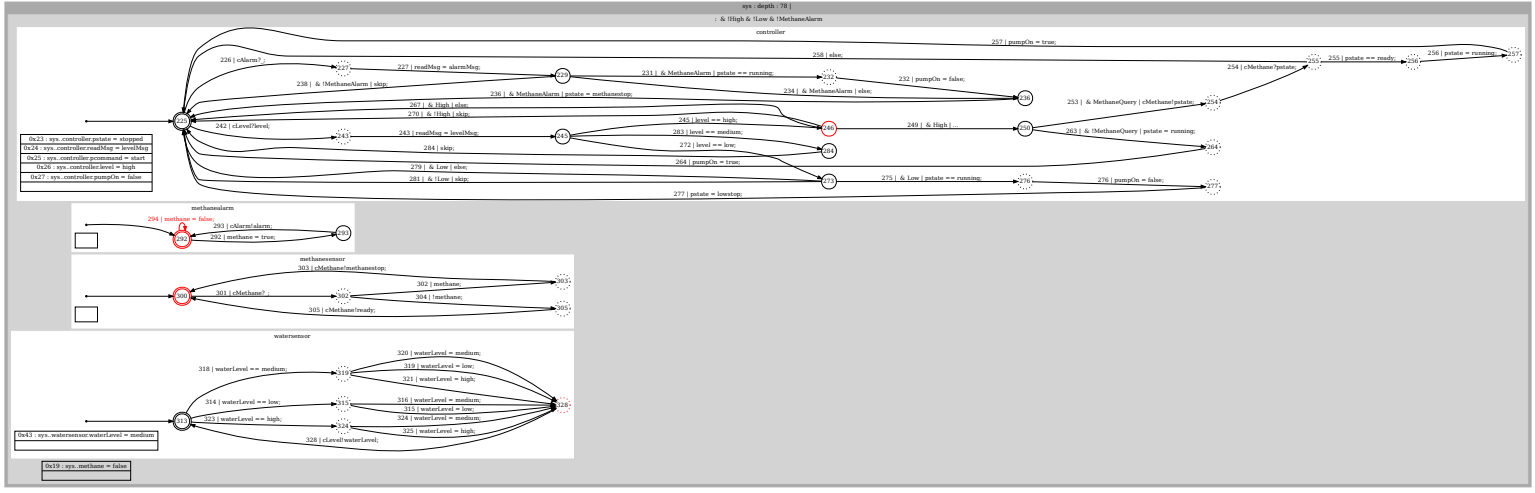

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
276 | pumpOn = false;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

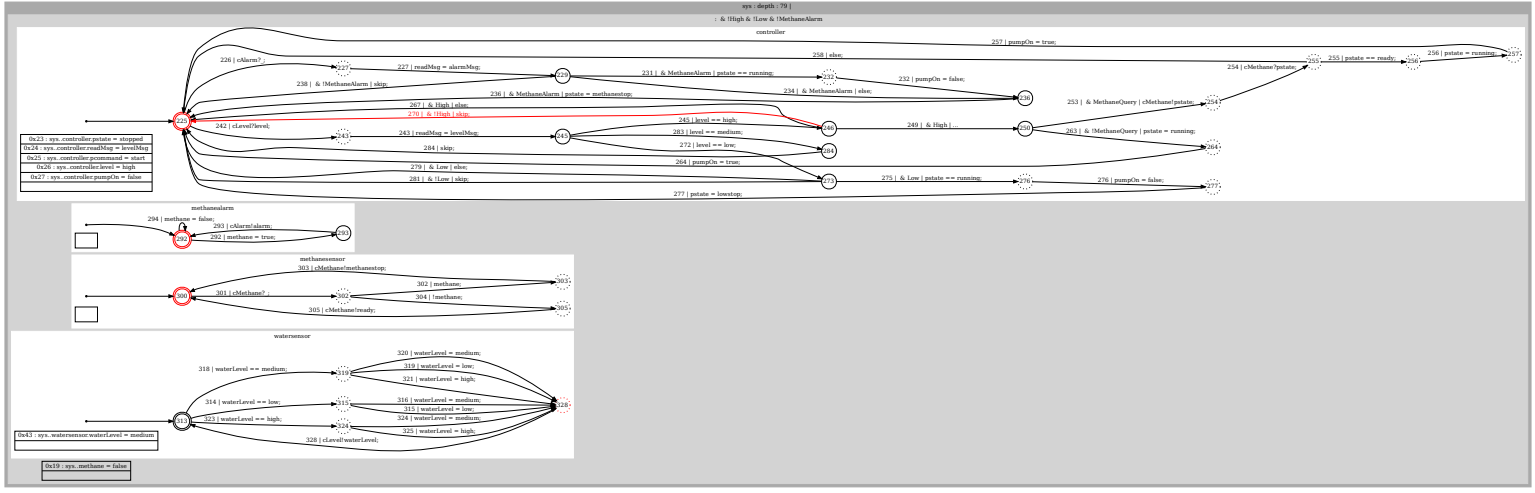

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

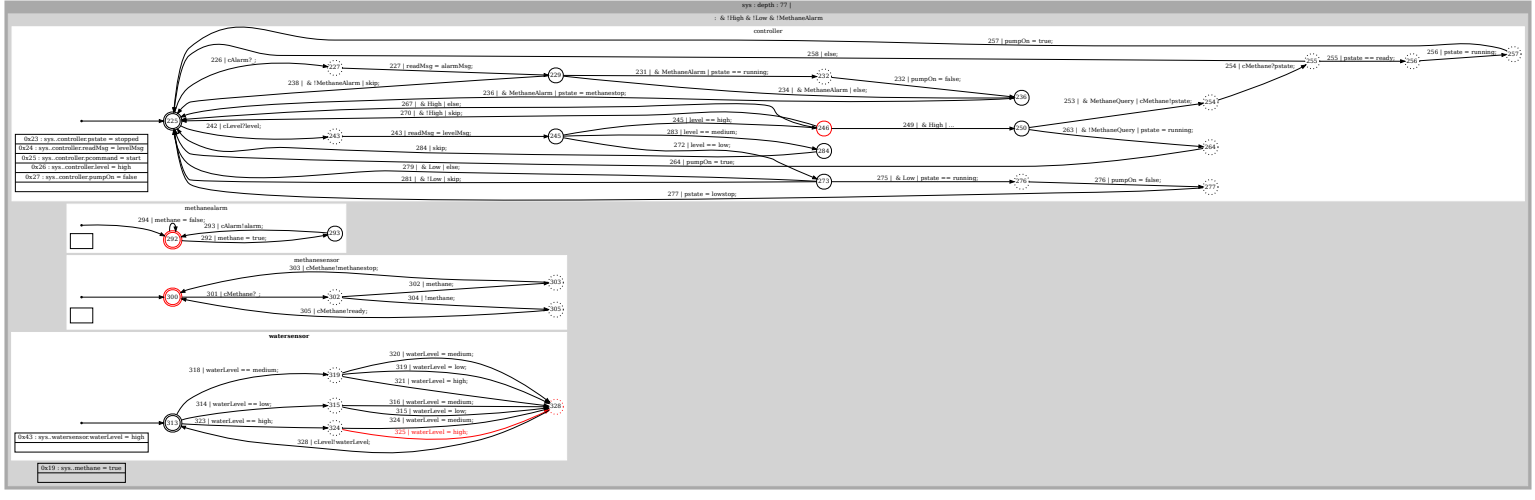

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
0x19 : sys..methane = true
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;

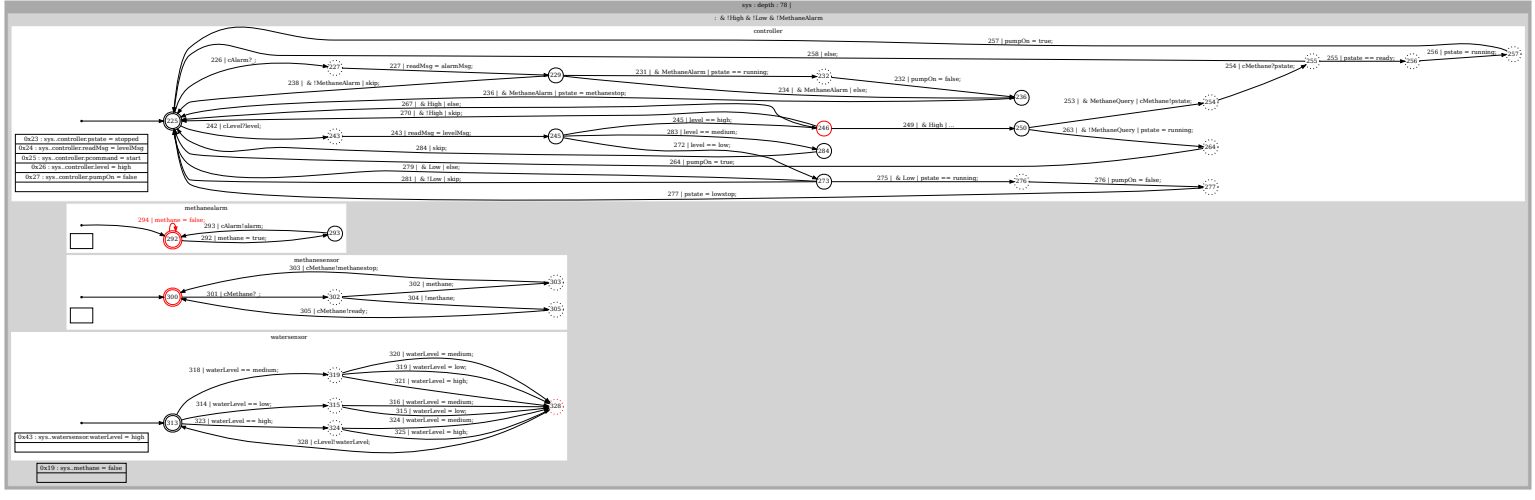

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

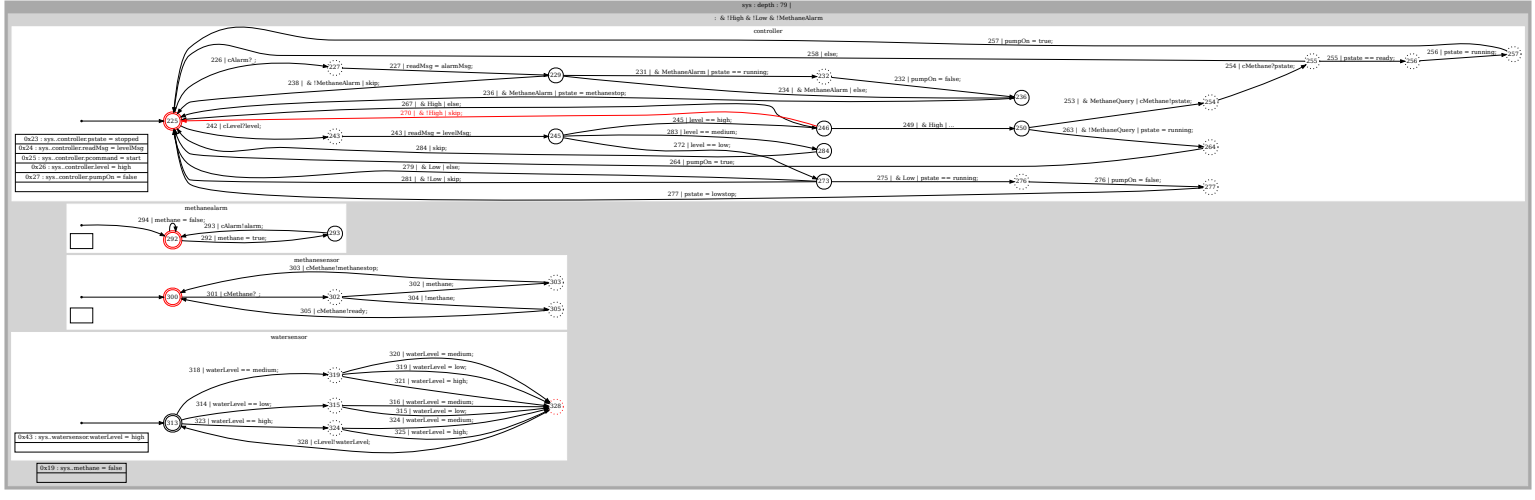

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
292
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
323 | waterLevel == high;
315
324
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

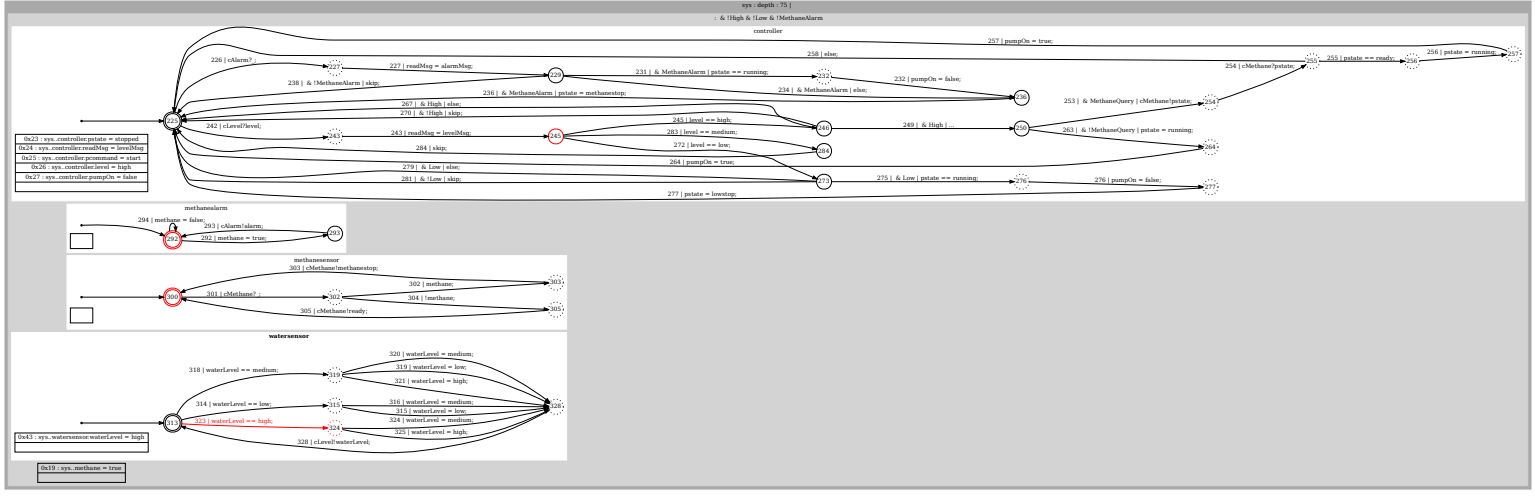

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = high
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLevel!waterLevel;
319
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

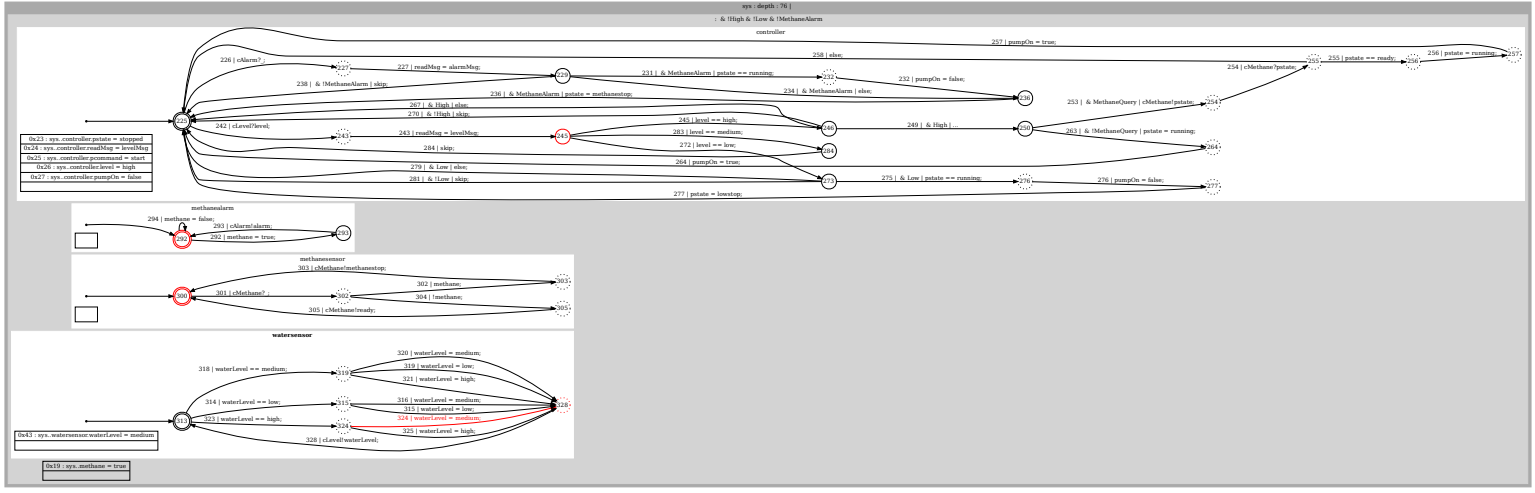

sys : depth : 79 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = high
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

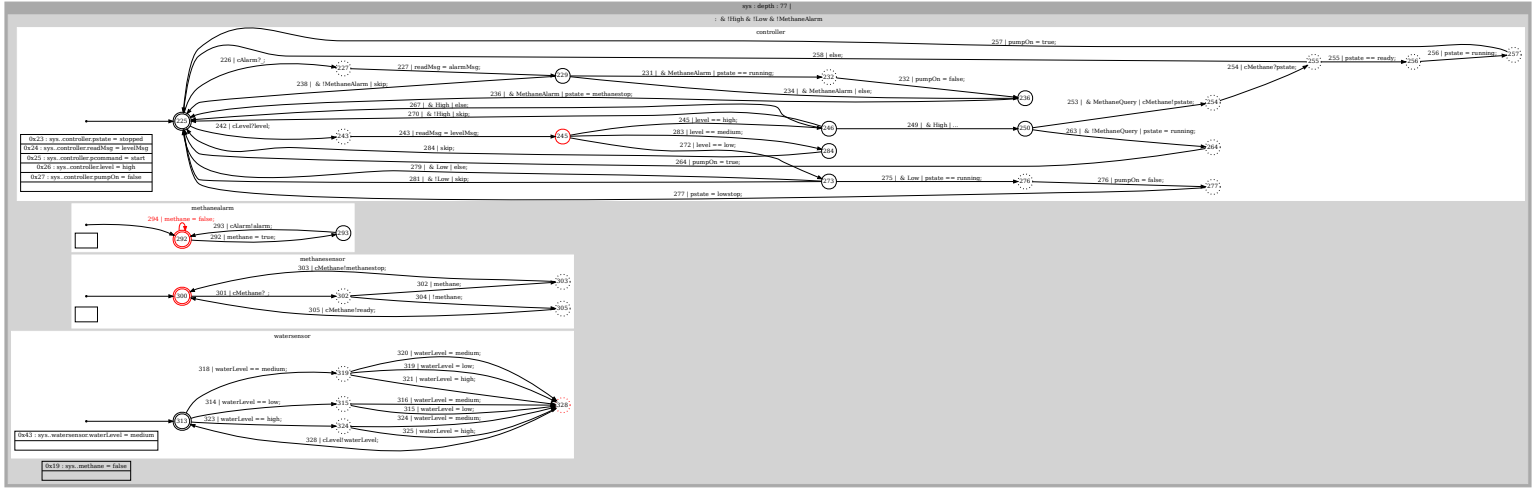

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

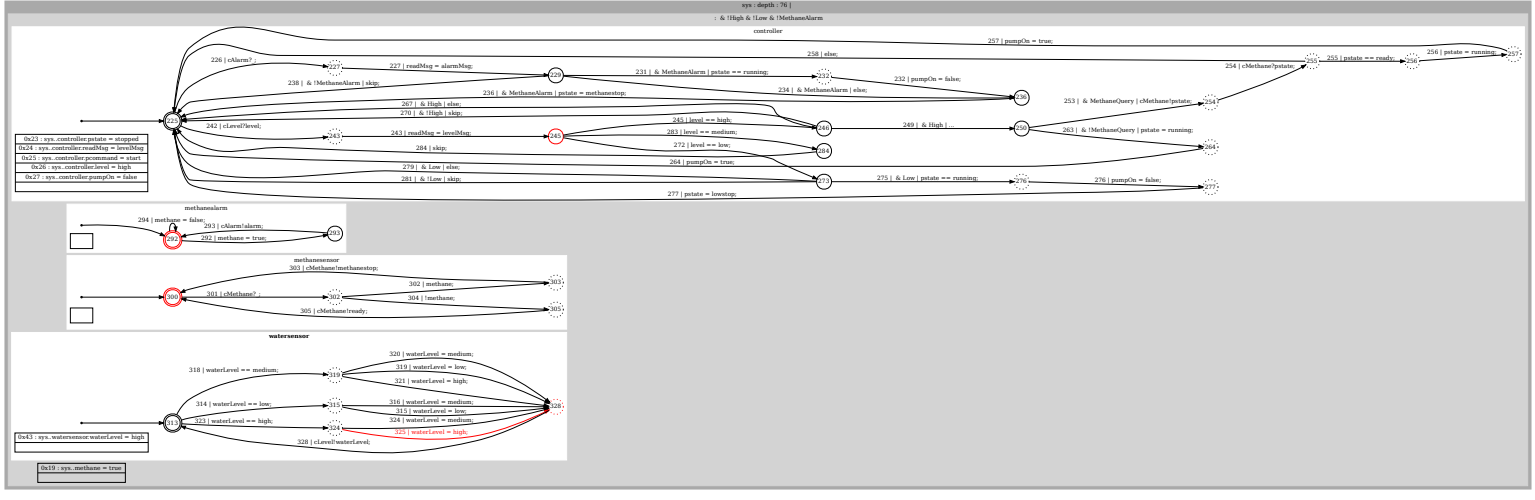

sys : depth : 78 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane?pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302 | methane;
302
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = high
313
318 | waterLevel == medium;
314 | waterLevel == low;
323 | waterLevel == high;
328 | cLevel!waterLevel;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
0x19 : sys..methane = false

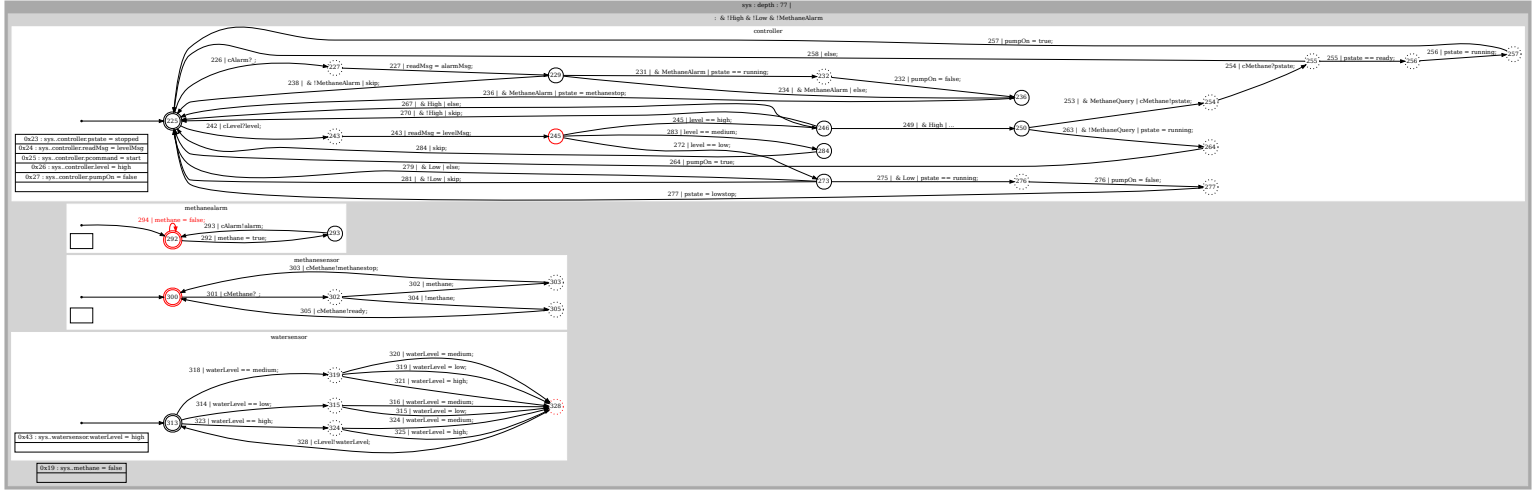

sys : depth : 79 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane!pstate;
256 | pstate = running;
257
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302 | methane;
302 | methane;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = high
313
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys..methane = false

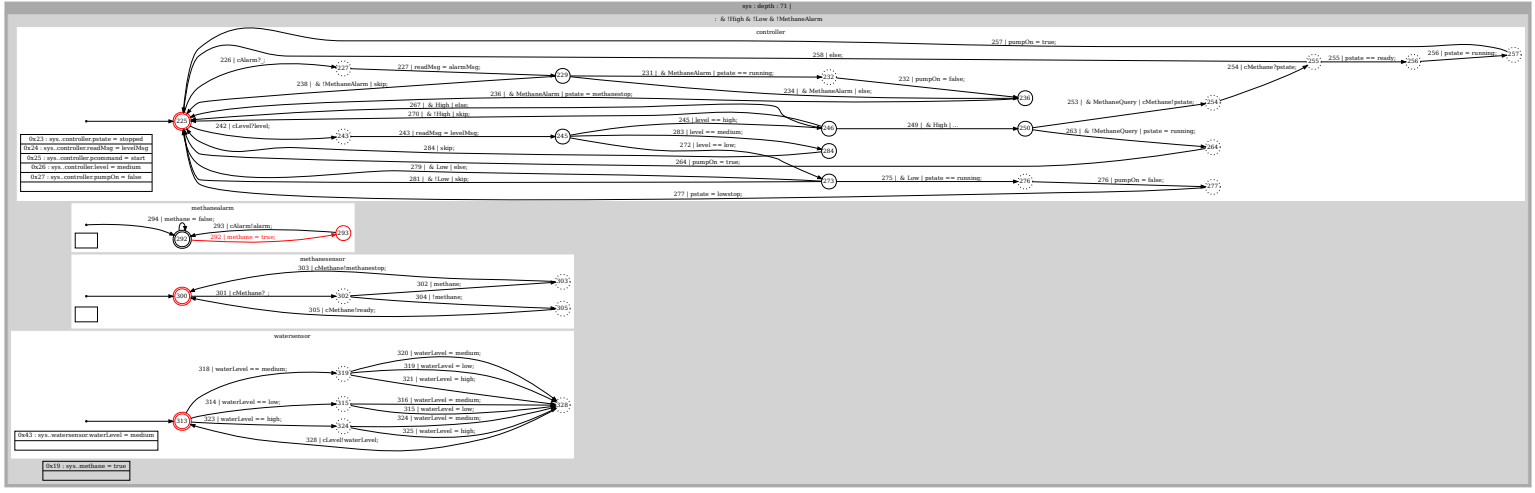

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
234 | & MethaneAlarm | else;
236 | & MethaneAlarm | pstate = methanestop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
263 | & !MethaneQuery | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

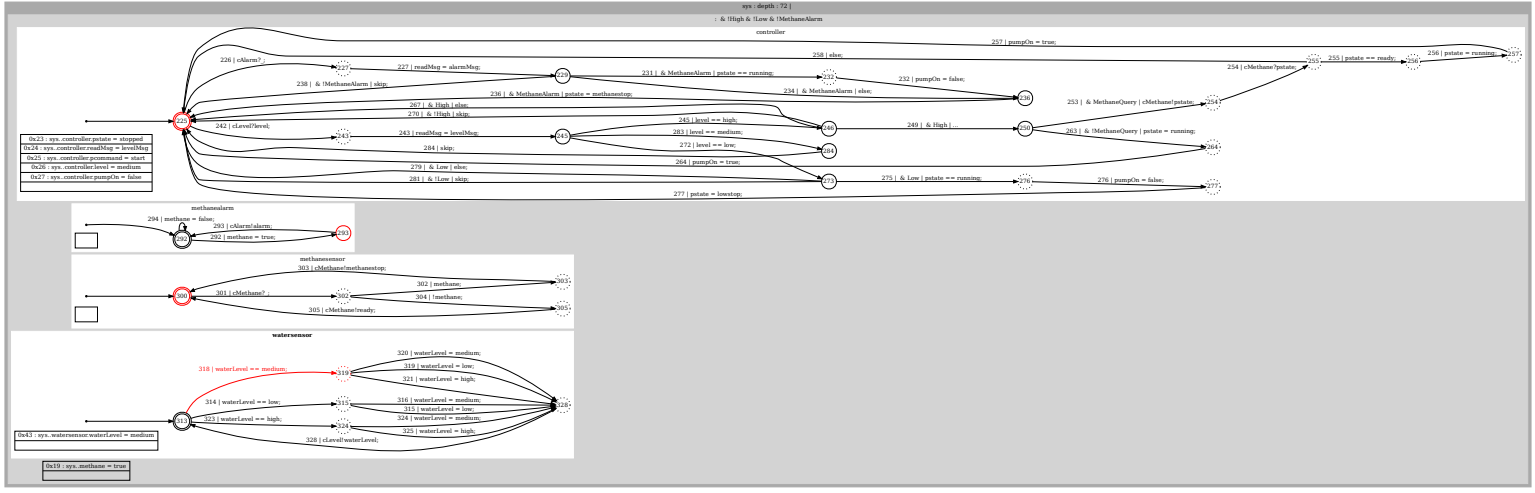

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
319
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true

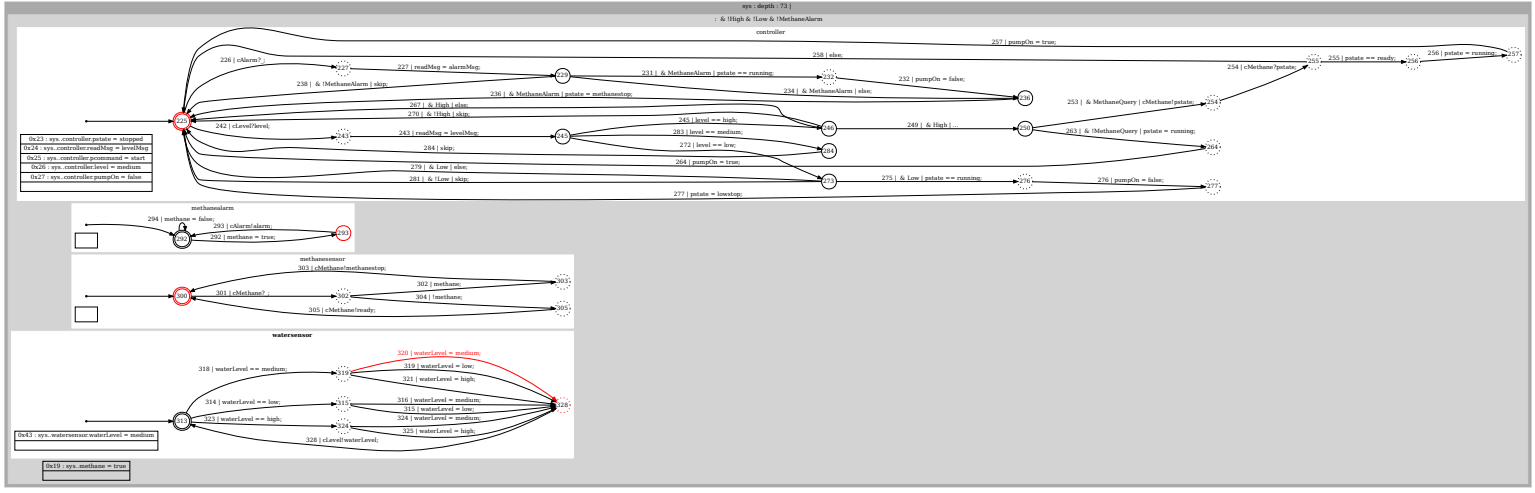

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = high
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
253 | & MethaneQuery | cMethane!pstate;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

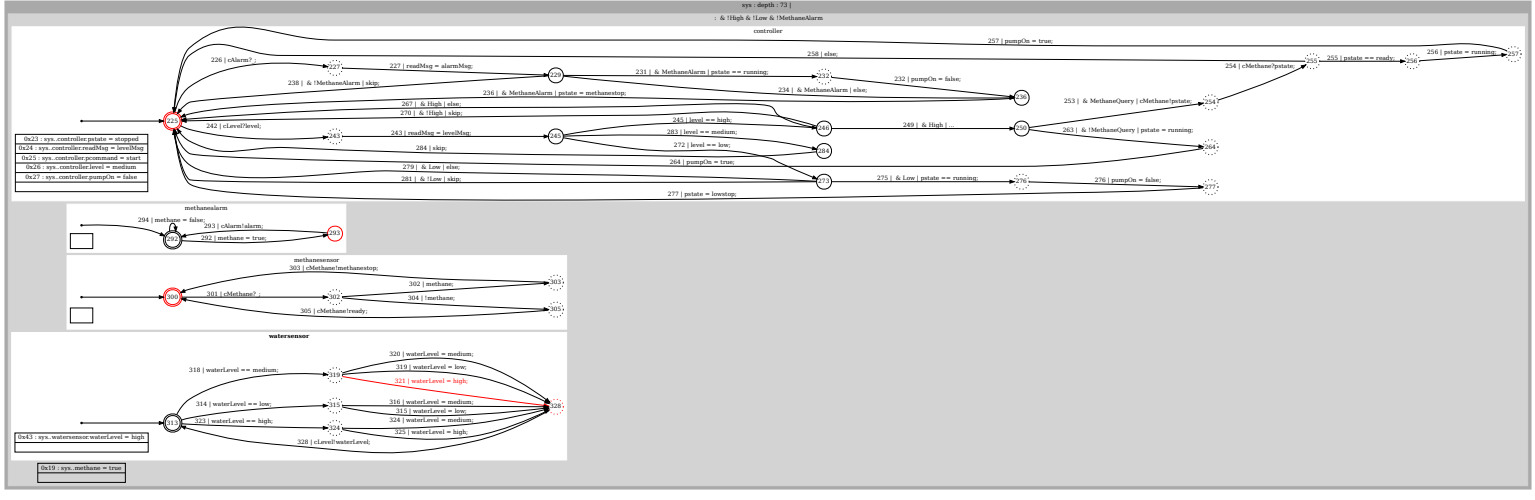

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane?pstate;
263 | & !MethaneQuery | pstate = running;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
249 | & High | ...
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
323 | waterLevel == high;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = true

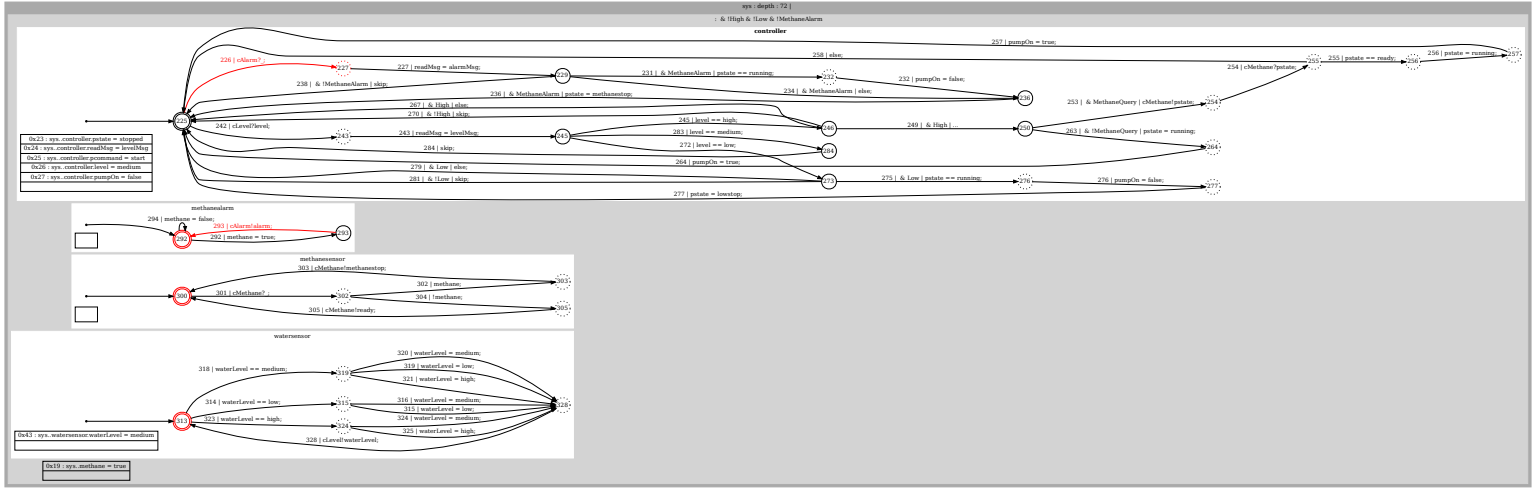

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
0x19 : sys..methane = false
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;


sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
230
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
254 | cMethane?pstate;
254
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
313
0x43 : sys..watersensor.waterLevel = medium
0x19 : sys..methane = true


sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaveal!waterLaveal;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true


sys : depth : 73 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
225
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
323 | waterLevel == high;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
324
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true


sys : depth : 73 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
276 | pumpOn = false;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true


sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = levelMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276 | pumpOn = false;
277
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLaval == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
325 | waterLevel = high;
326
327
328 | cLaval!waterLaval;
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
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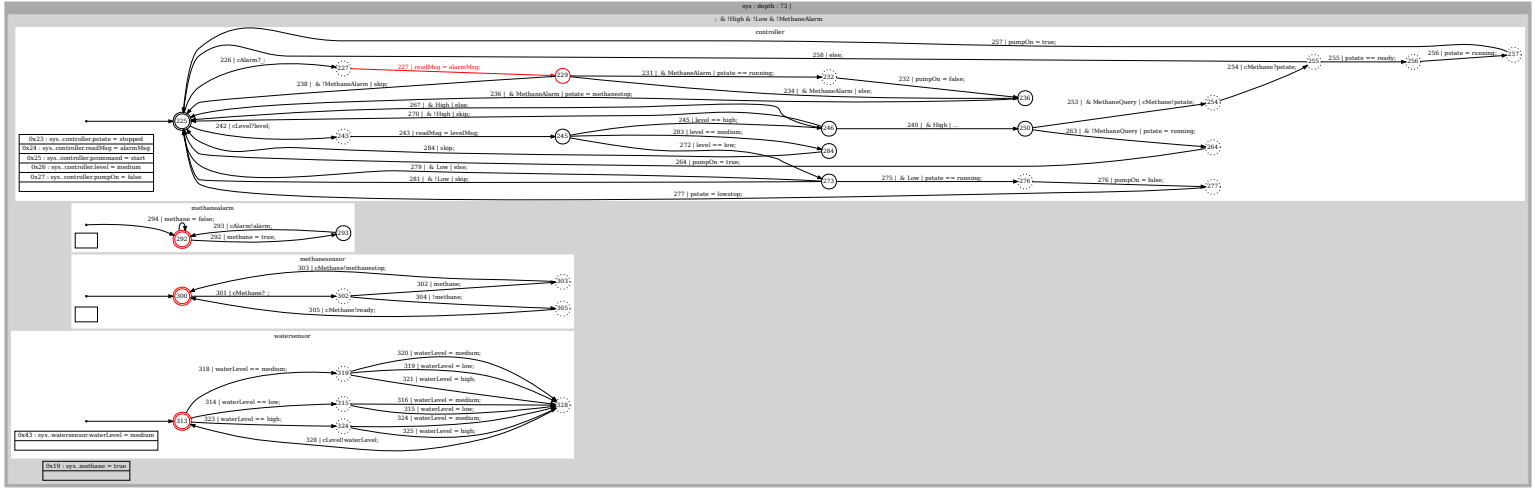
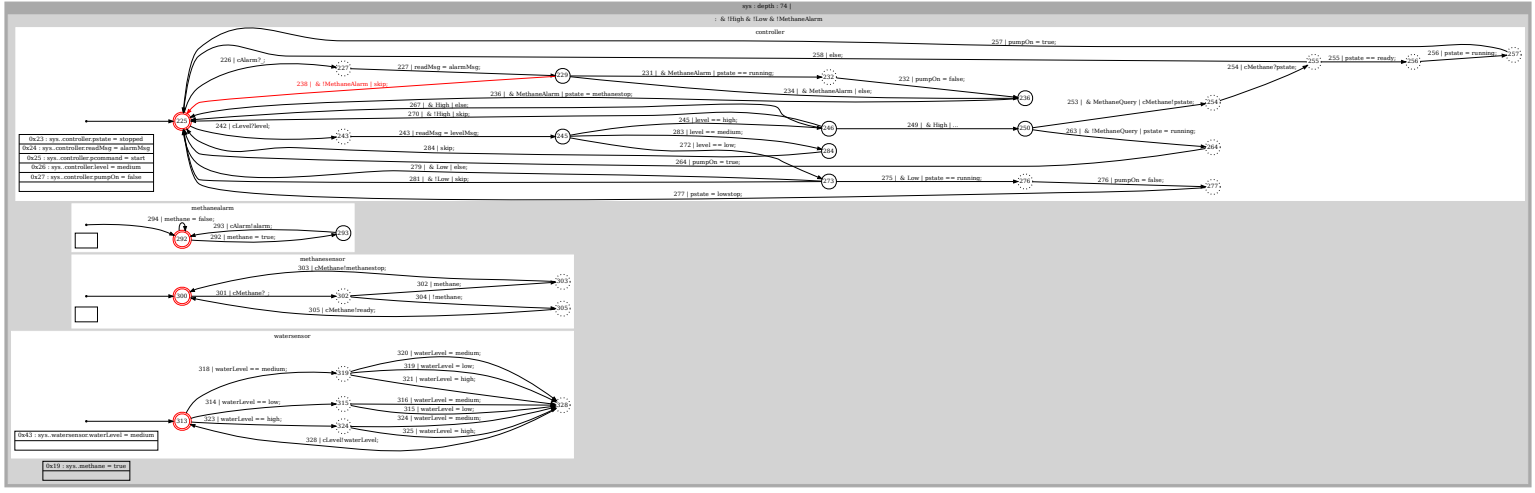
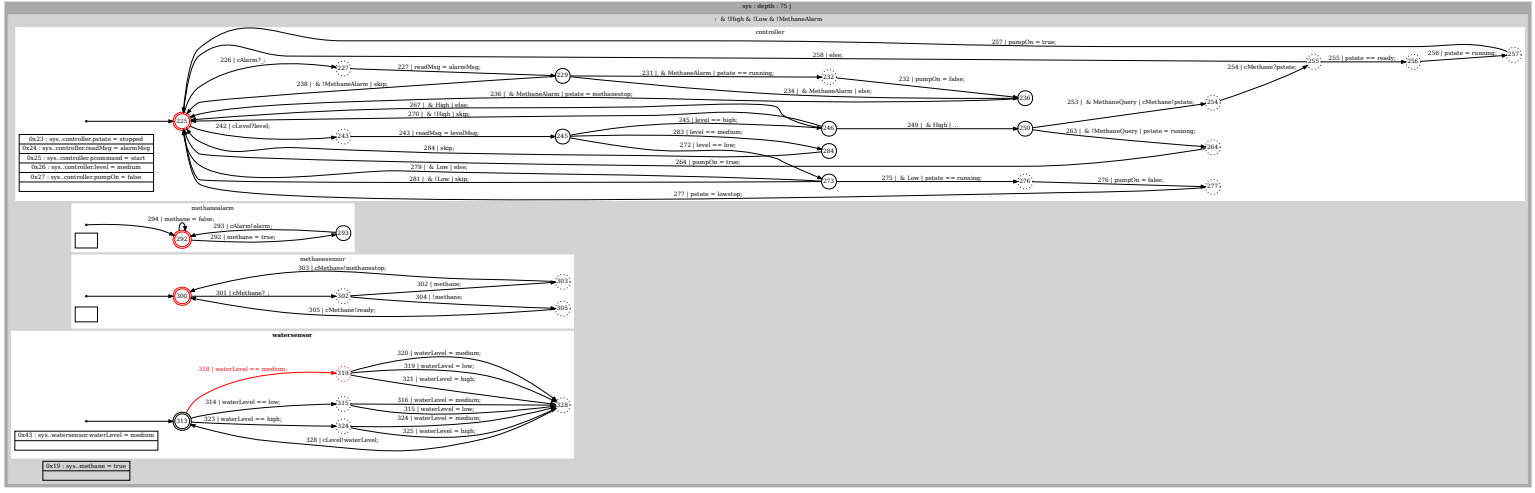
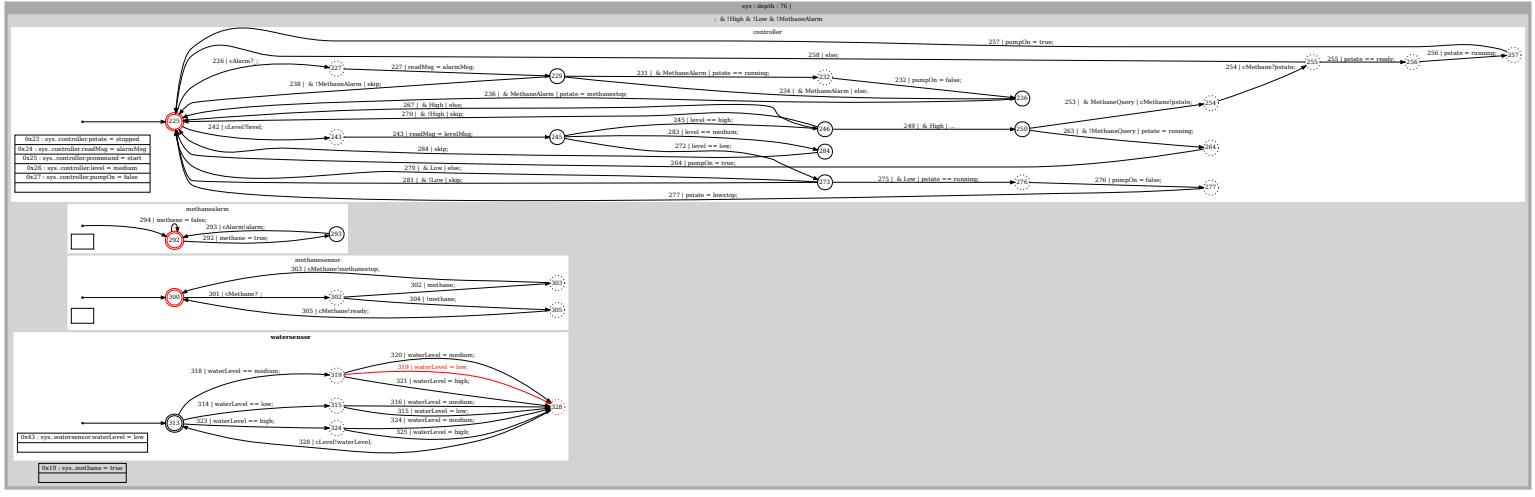
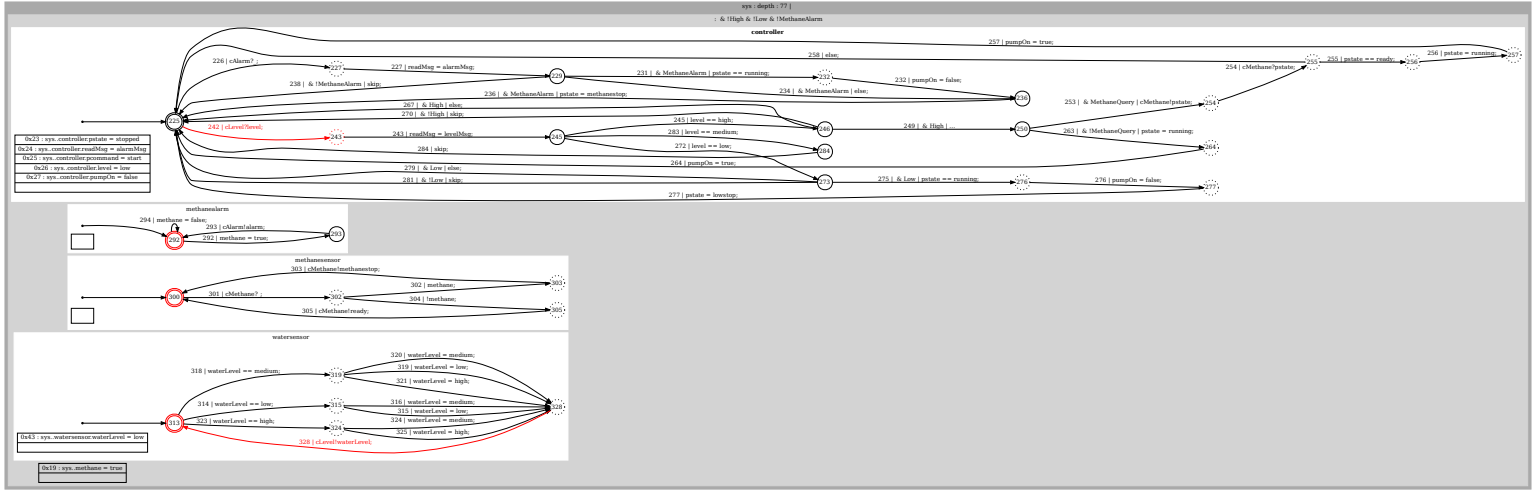
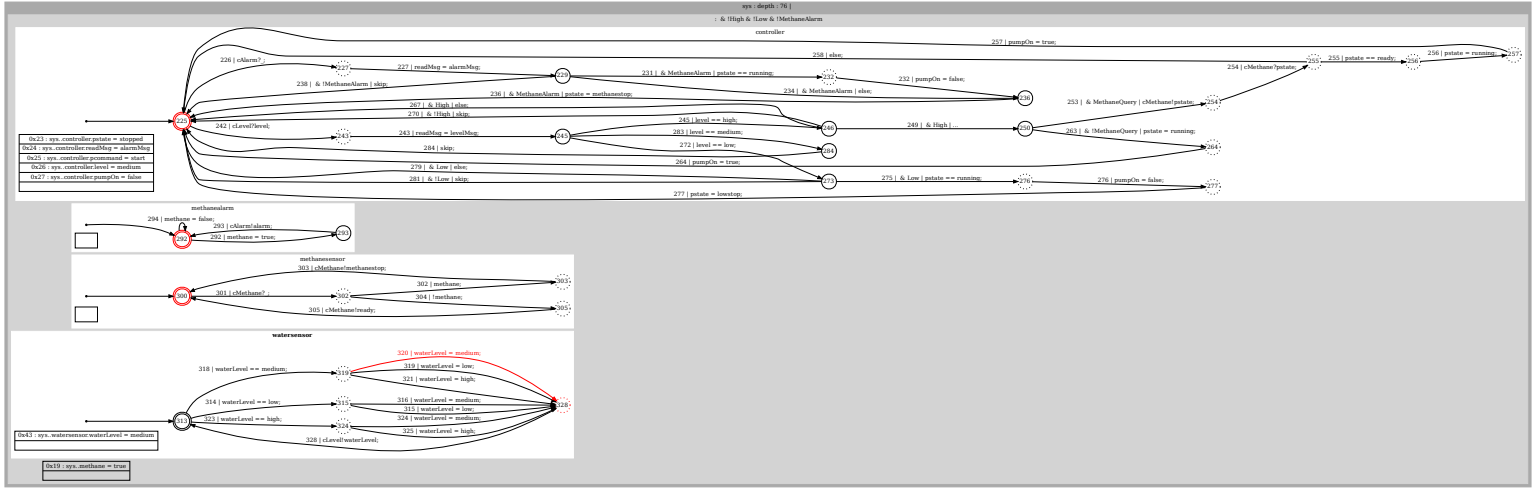

sys : depth : 73 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLevel == low;
323 | waterLevel == high;
313
315
324
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true

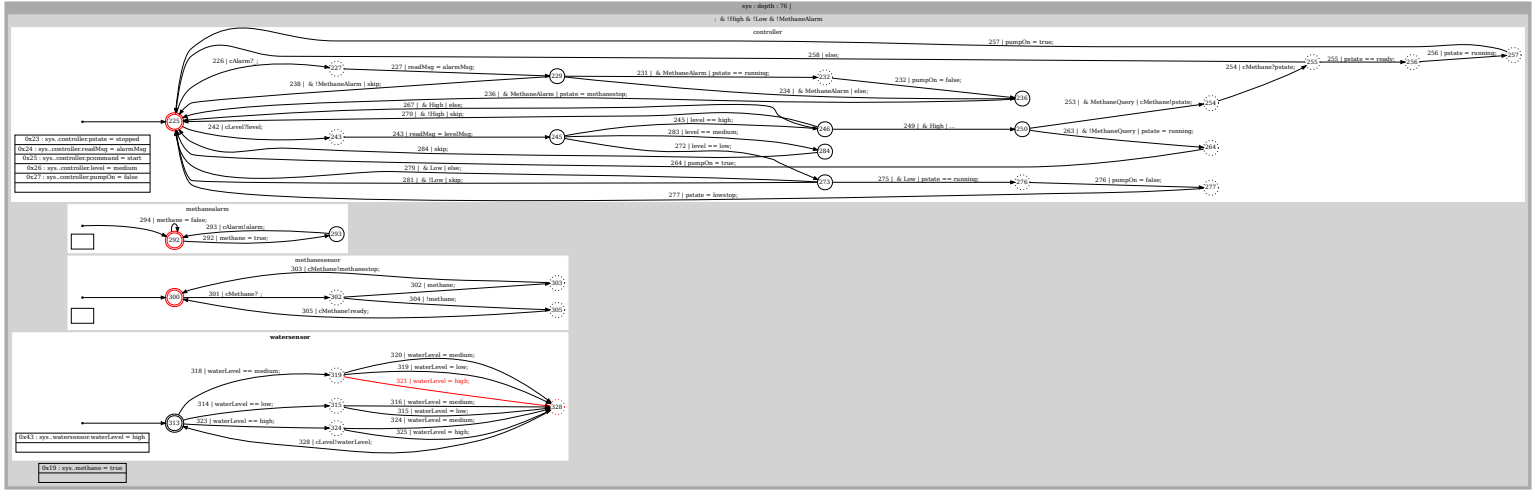

sys : depth : 74 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
270 | & !High | skip;
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
272 | level == low;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaveal!waterLaveal;
313
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

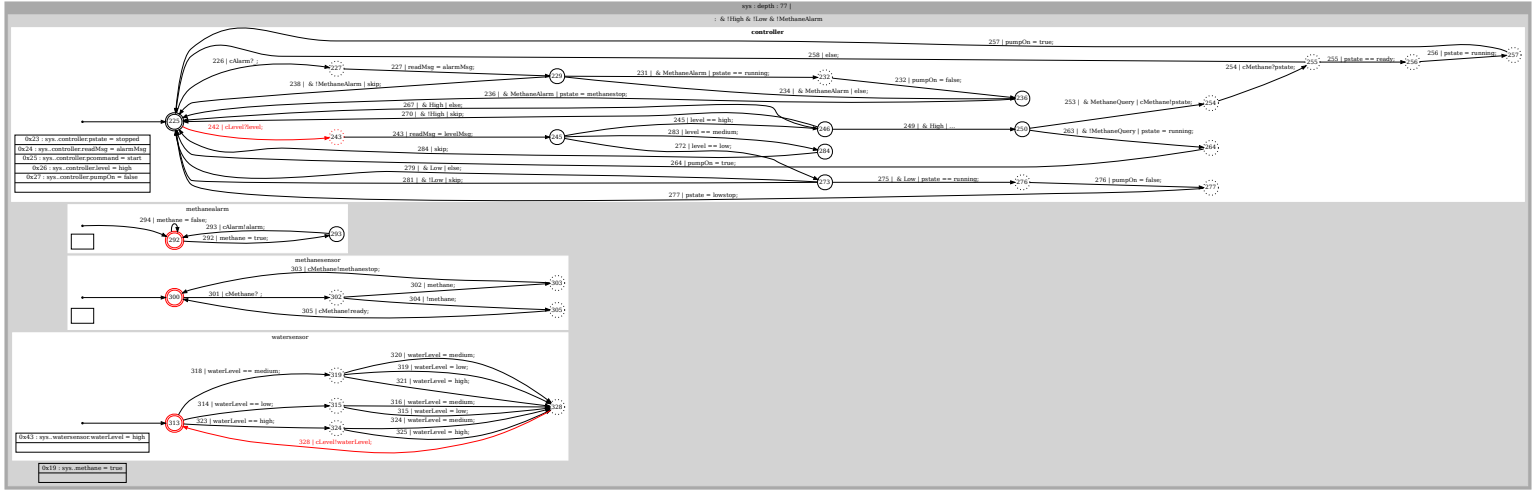

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259 | & High | else;
260 | & High | skip;
261 | level == medium;
262 | level == low;
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268 | & Low | else;
269 | & !Low | skip;
270 | & !High | skip;
271
272
273 | & Low | pstate == running;
274
275 | pumpOn = false;
276
277
277 | pstate = lowstop;
284 | skip;
283 | level == medium;
272 | level == low;
methanesalarm
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
methanesensor
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
301 | cMethane? ;
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

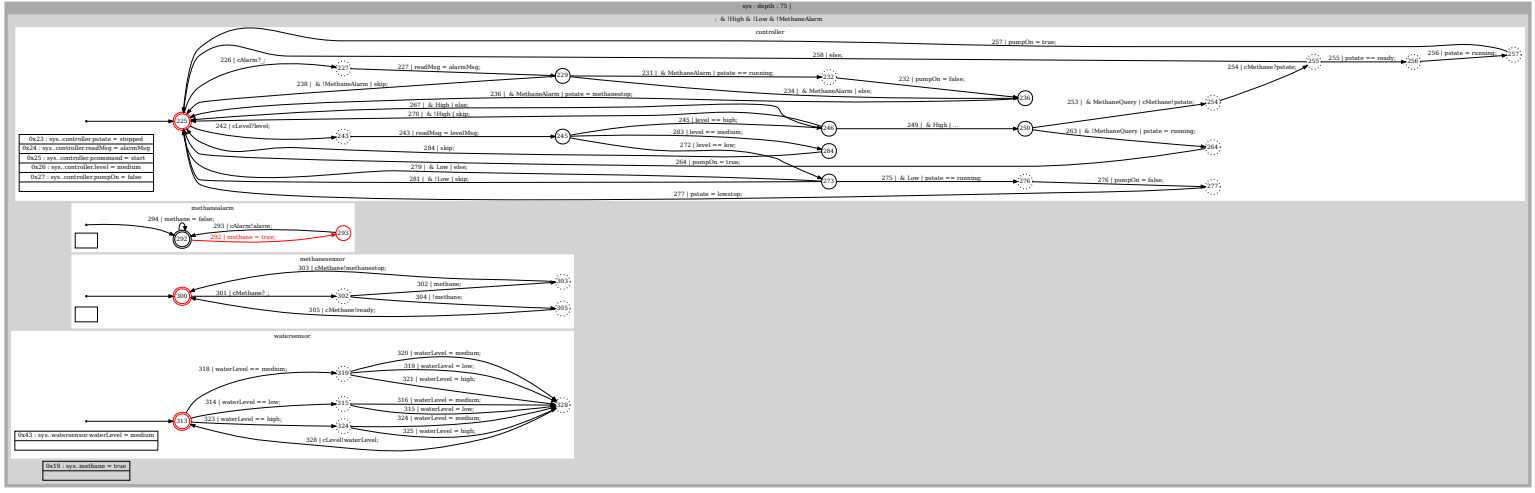

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
267 | & High | else;
270 | & !High | skip;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
263 | & !MethaneQuery | pstate = running;
264
279 | & Low | else;
281 | & !Low | skip;
271
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
293
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = true

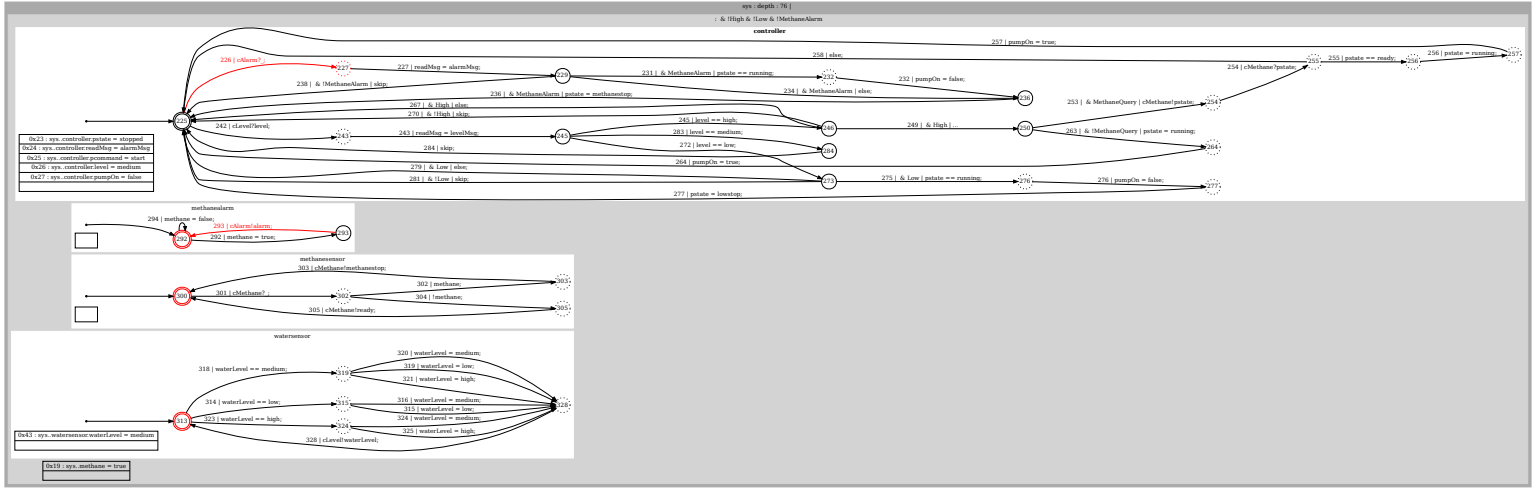

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = low
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238 | & !High | else;
239 | & !High | skip;
240
241 | level == high;
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278 | level == medium;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
302 | methane;
303
305
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys._methane = true

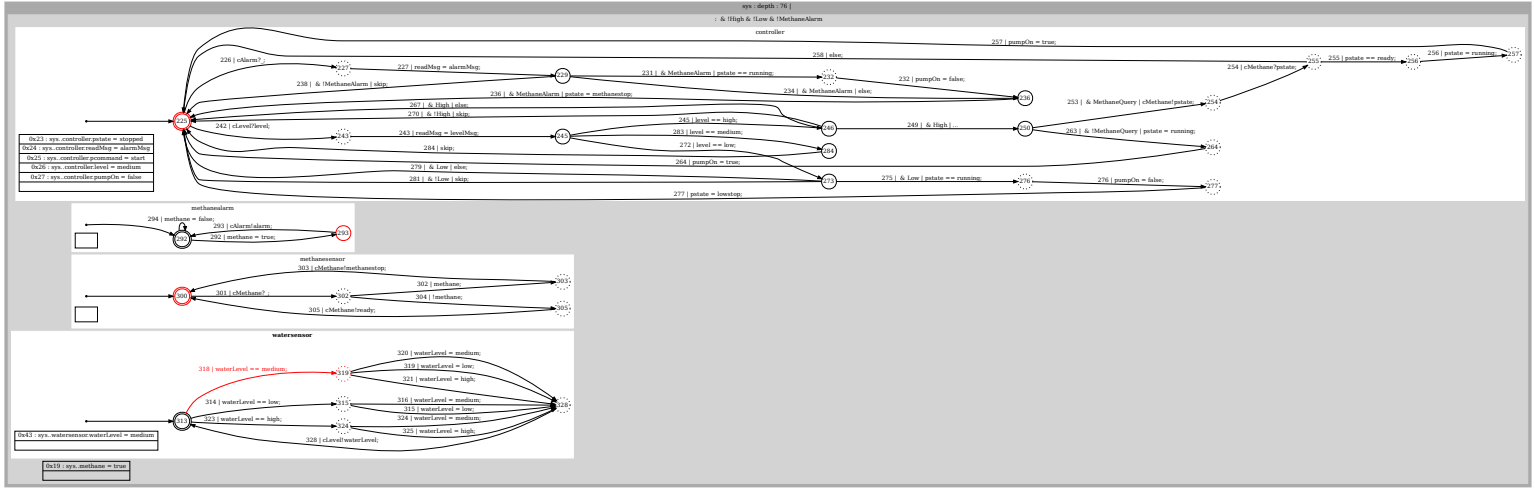

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level = medium;
284
284 | pumpOn = true;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
313
314 | waterLaval == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x19 : sys.methane = true

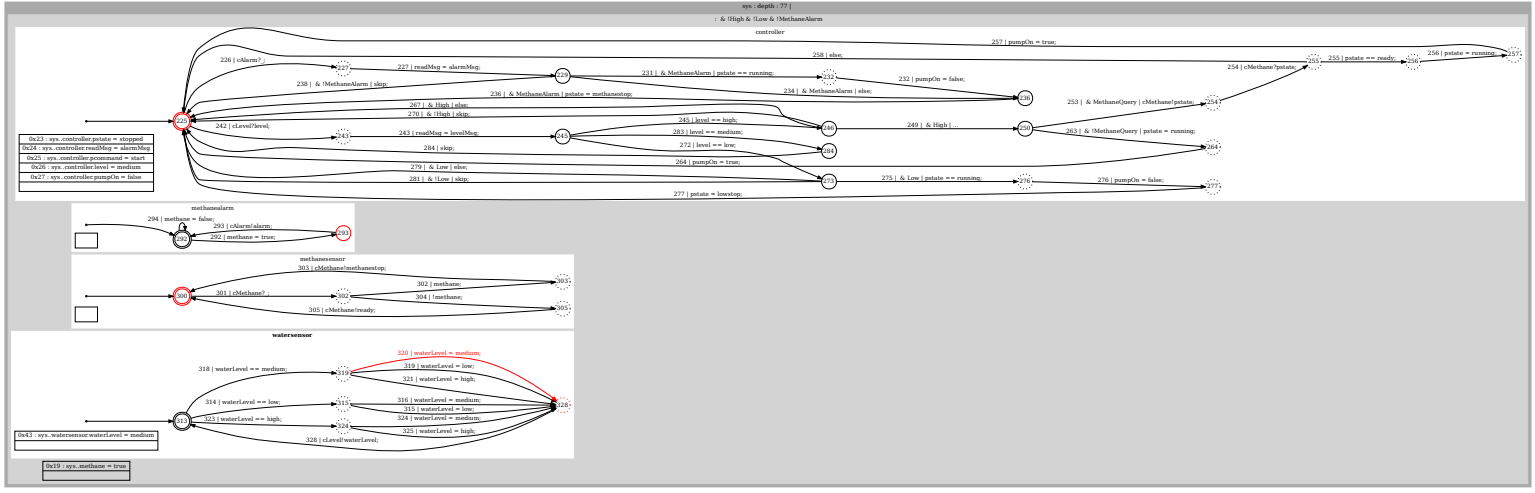

sys : depth : 76 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344

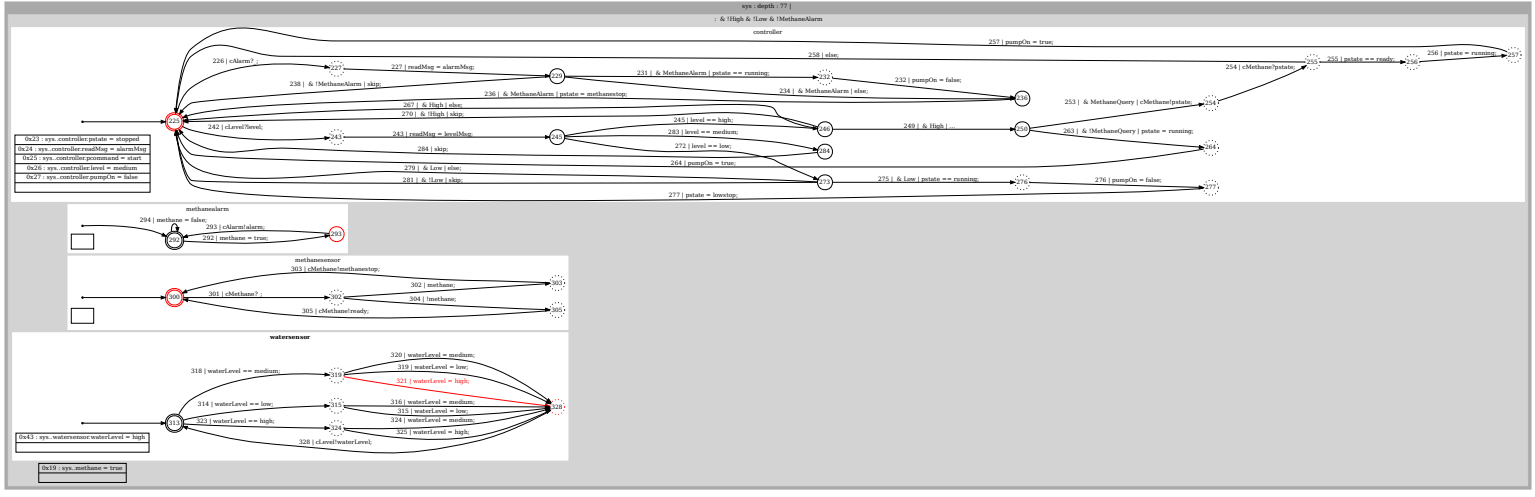

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
264 | pumpOn = true;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys..methane = true

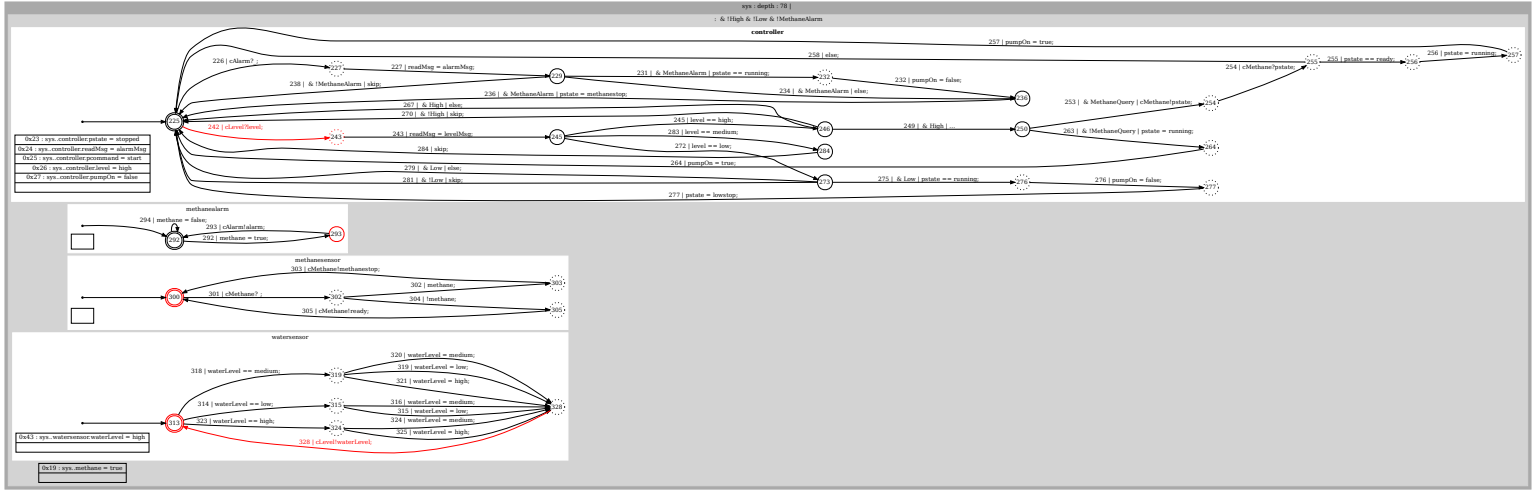

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256
257
263 | & !MethaneQuery | pstate = running;
264
264
264
267 | & High | else;
270 | & !High | skip;
283 | level == medium;
272 | level == low;
264 | pumpOn = true;
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaveal!waterLaveal;
0x19 : sys.methane = true

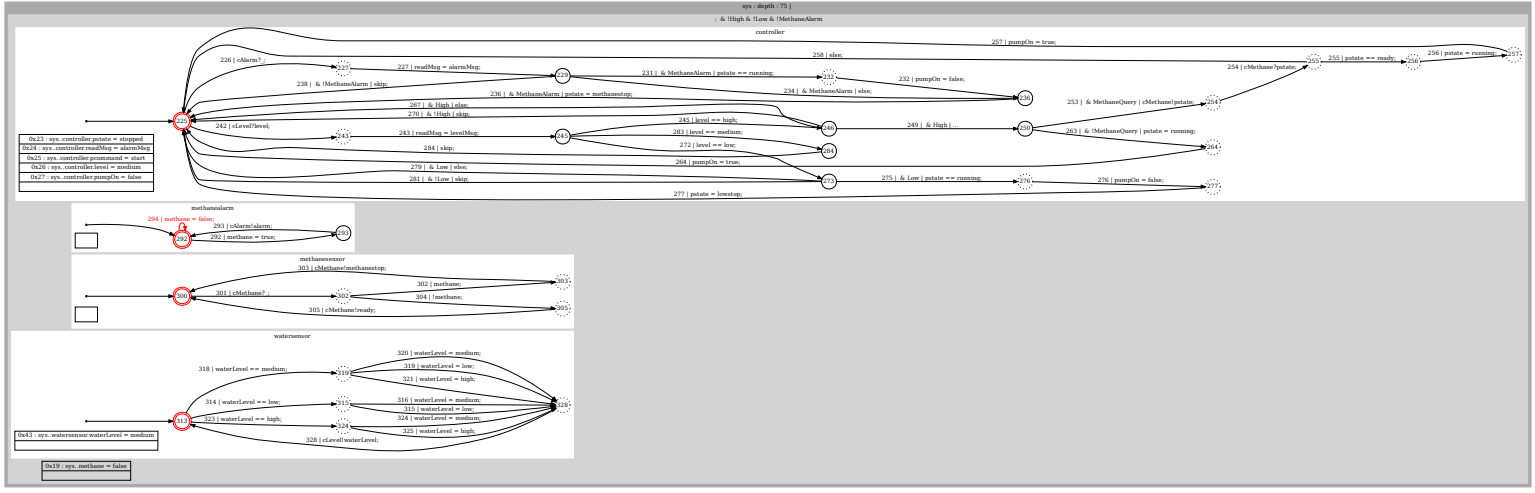

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276 | pumpOn = false;
277
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
295
296
297
298
299
300
301
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true
methanealarm
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302
304 | !methane;
305 | cMethane!ready;
306
307
308
309
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
313

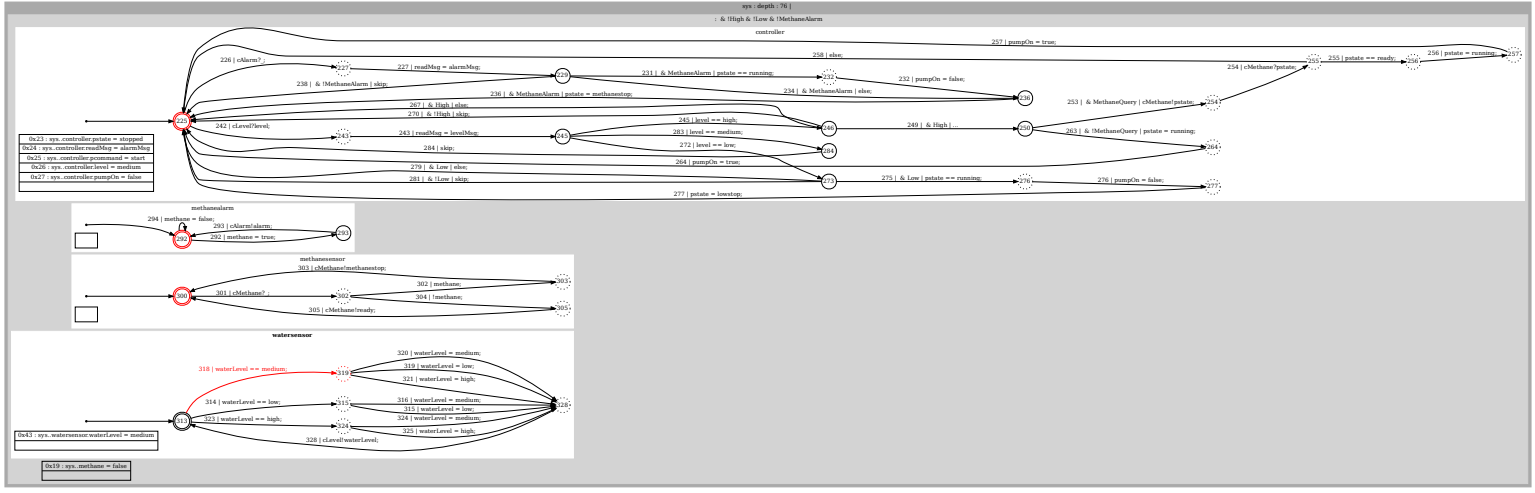

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274 | & Low | pstate == running;
275
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = true

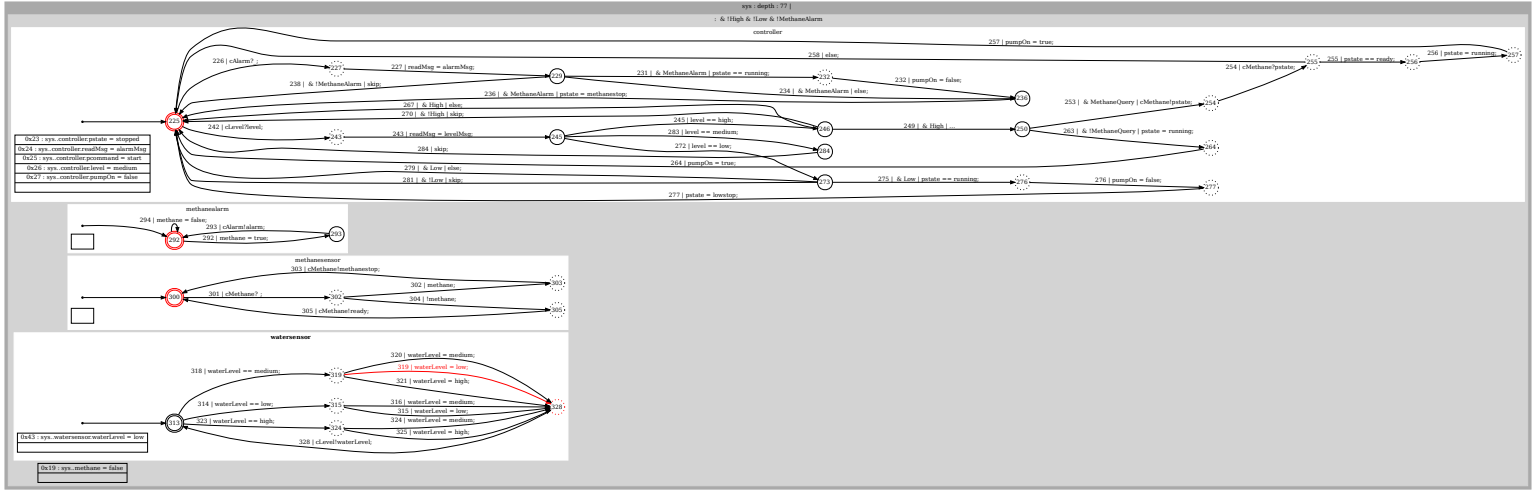

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256
257
263 | & !MethaneQuery | pstate = running;
264
264
267 | & High | else;
270 | & !High | skip;
283 | level == medium;
272 | level == low;
264 | pumpOn = true;
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
309
303 | cMethane?methanestop;
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
319
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaveal!waterLaveal;
0x19 : sys.methane = true

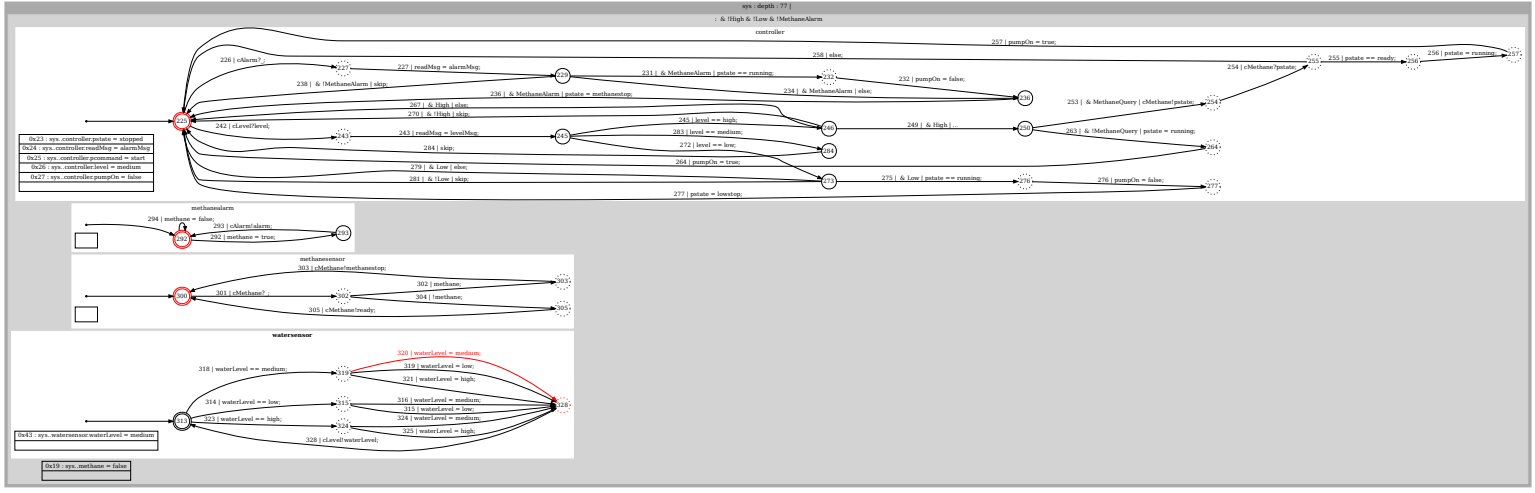

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys..methane = true

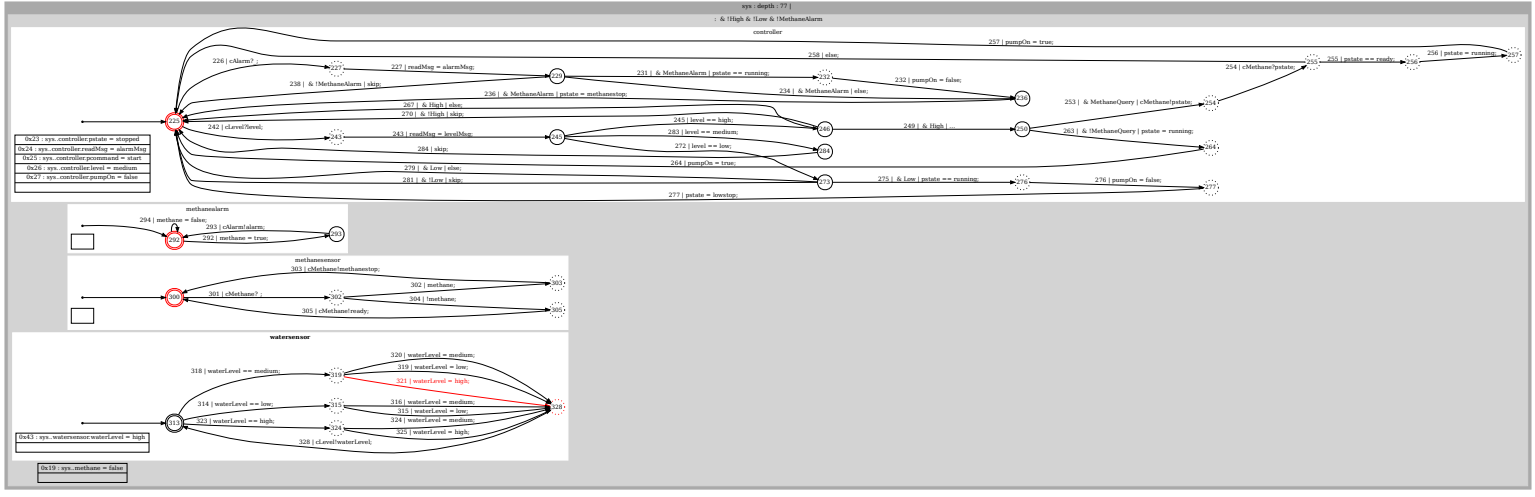

sys : depth : 78 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259 | pstate = running;
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266 | & High | skip;
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
292 | methane = true;
293 | cAlarm!alarm;
methanesensor
299
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
304 | !methane;
305 | cMethane!ready;
302 | methane;
303
304
305
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322 | waterLevel == high;
323
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
328
0x19 : sys..methane = true

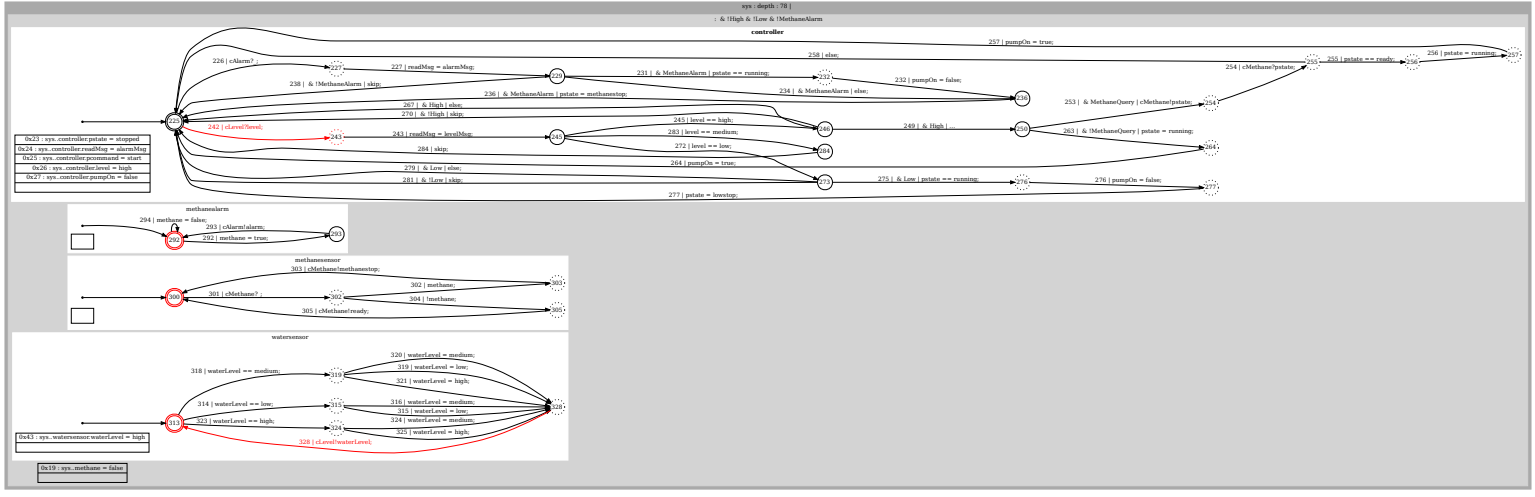

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
0x19 : sys.methane = false
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
306
307
308
309
310
311
312
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
watersensor

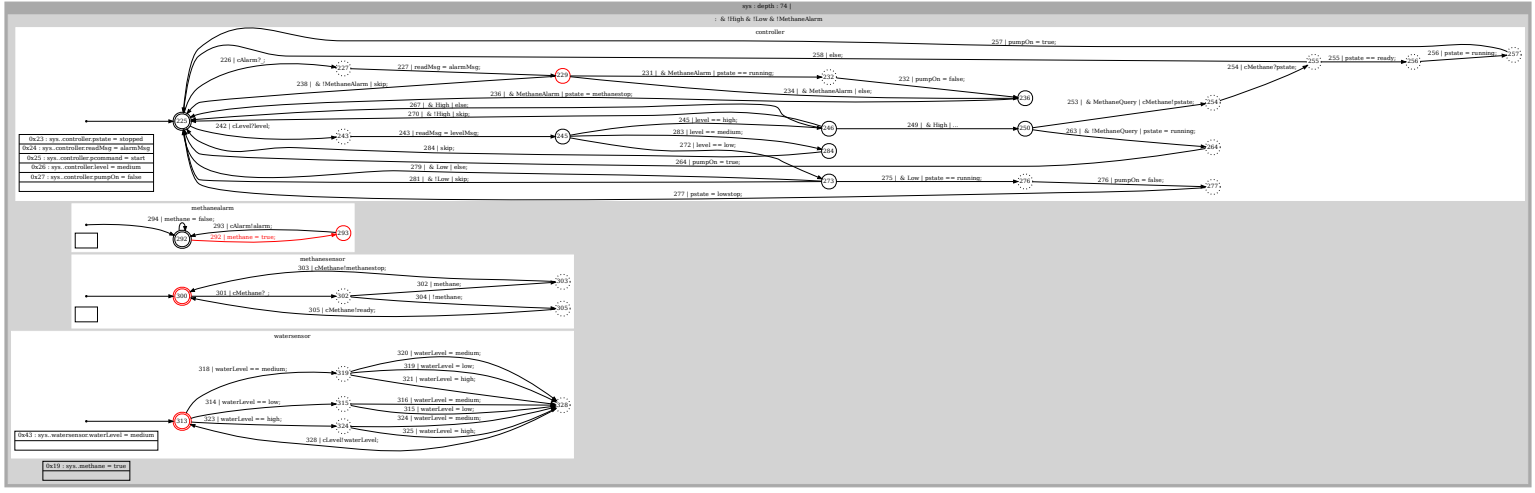

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = false

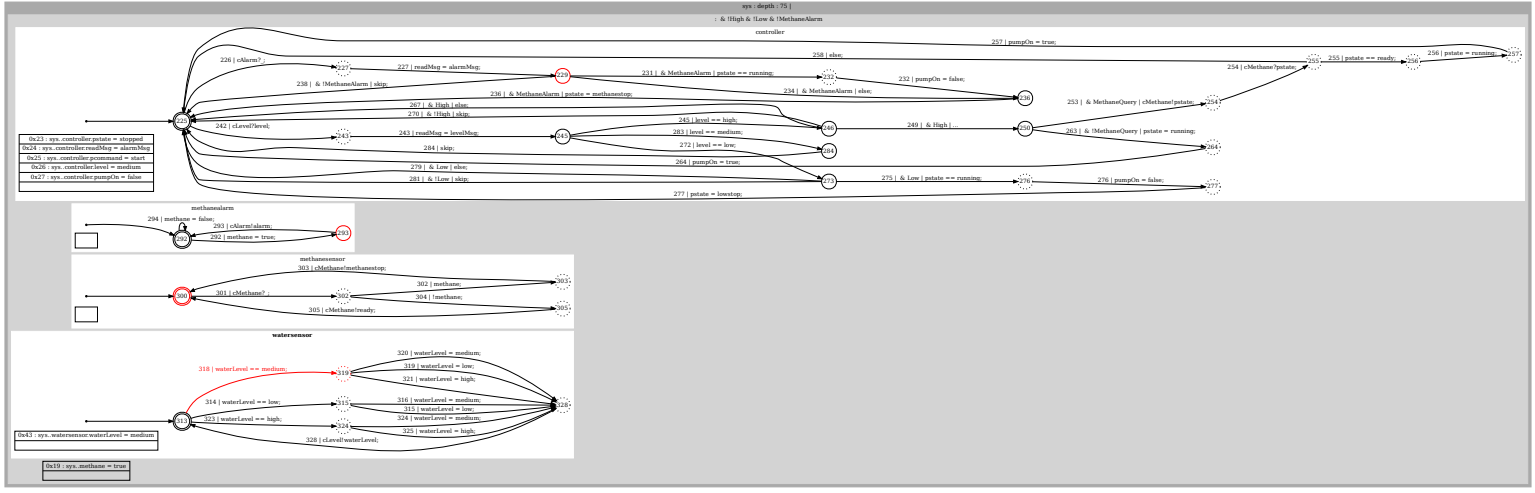

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
276 | pumpOn = false;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
264 | pumpOn = true;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
294 | methane = false;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = false

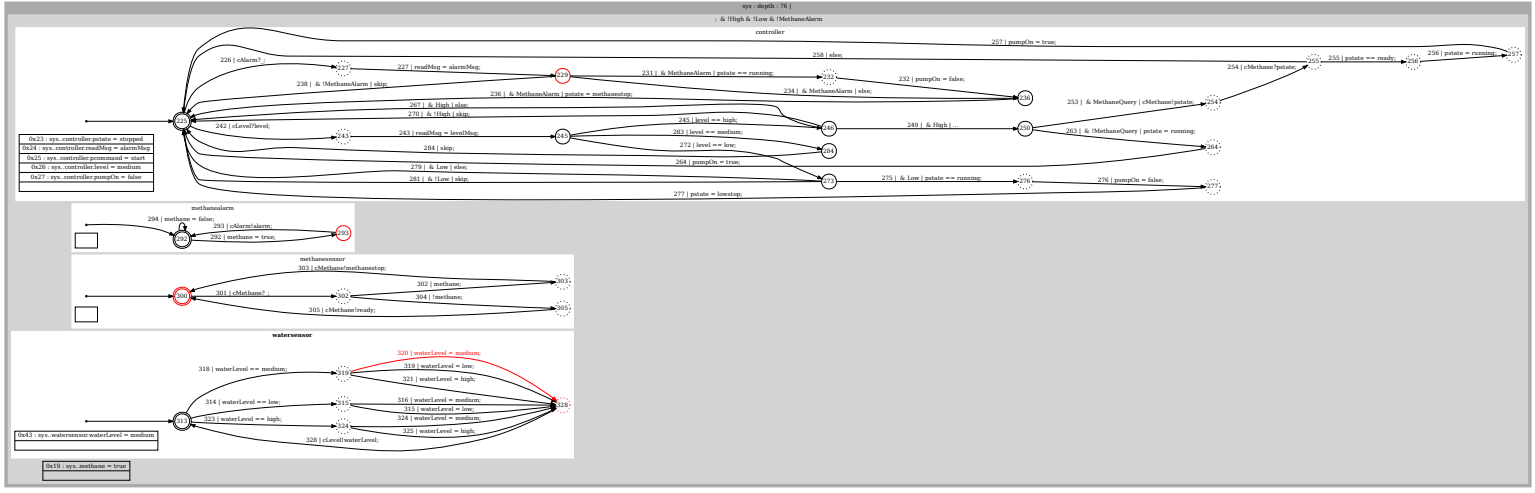

sys : depth : 77 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301
302
303 | cMethane!methanestop;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys.watersensor.waterLevel = medium
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = false

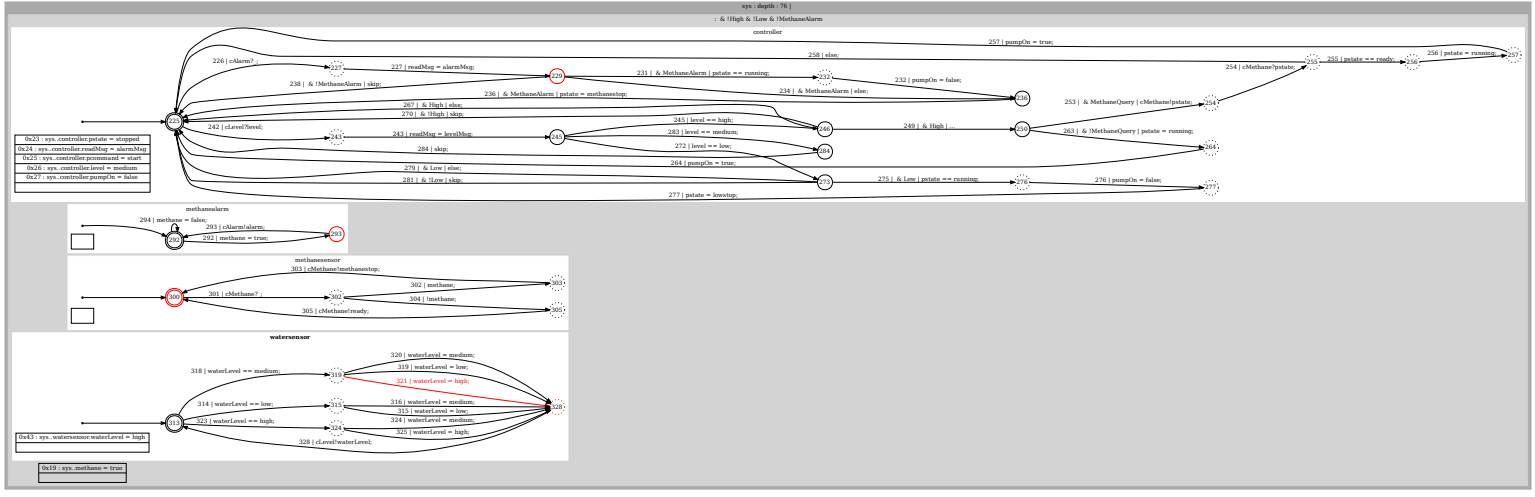

sys : depth : 77 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
257 | pumpOn = true;
258 | else;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
254 | cMethane!pstate;
255 | pstate == ready;
256 | pstate = running;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & !High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
318 | waterLevel == medium;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high
0x19 : sys..methane = false

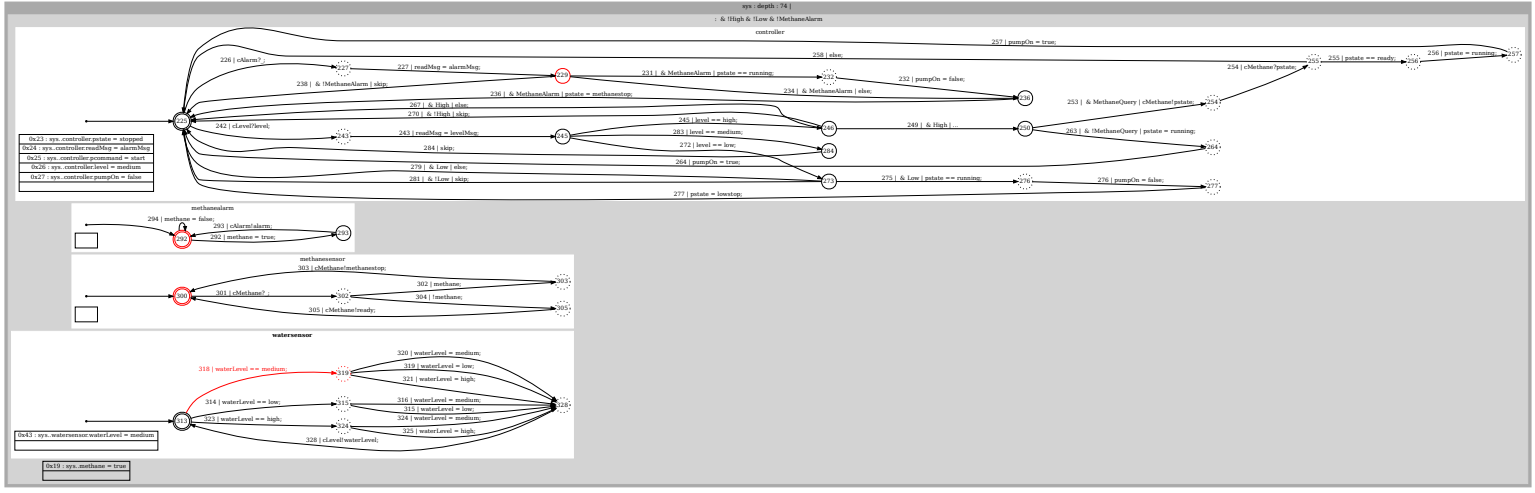

sys : depth : 78 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.rsmMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = high
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | rsmMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | rsmMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259 | & !MethaneQuery | pstate = running;
260
261
262
263
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | pumpOn = true;
293 | pstate = stopped;
294 | pstate = running;
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
0x19 : sys..methane = false
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
300
302
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
318 | waterLevel == medium;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
314 | waterLevel == low;
323 | waterLevel == high;
313
328 | cLevel!waterLevel;
0x43 : sys..watersensor.waterLevel = high

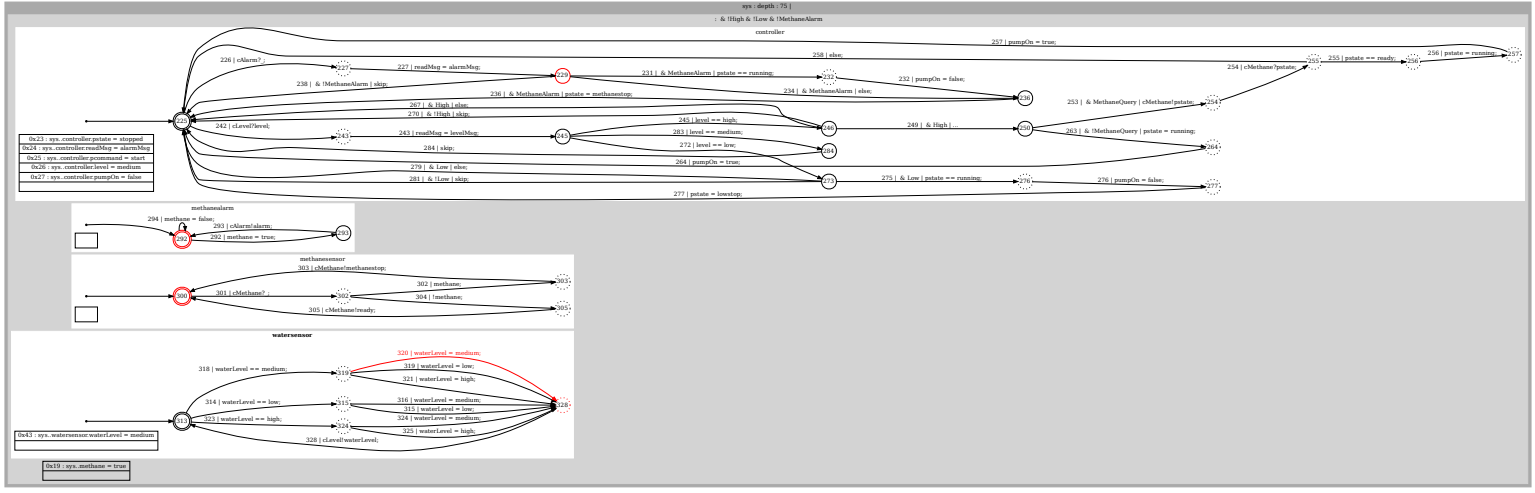

sys : depth : 74 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256
257
236 | & MethaneAlarm | pstate = methanestop;
267 | & High | else;
270 | & !High | skip;
243 | level == high;
283 | level == medium;
272 | level == low;
264 | pumpOn = true;
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
263 | & !MethaneQuery | pstate = running;
264
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLaveal!waterLaveal;
313
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

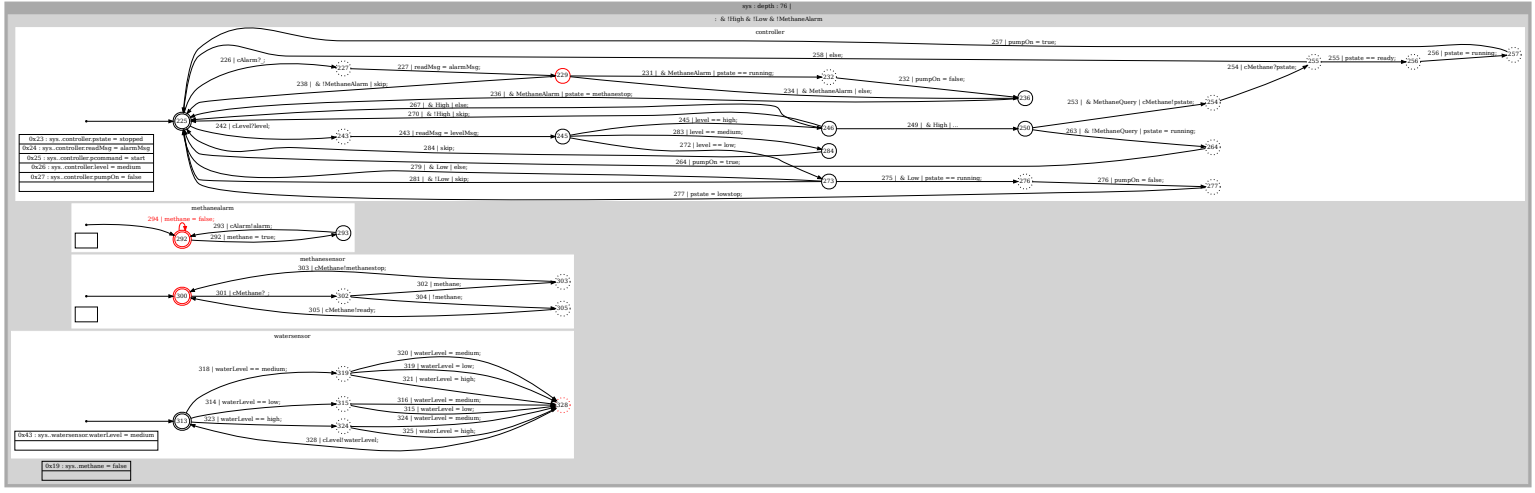

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaveal!waterLaveal;
313
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

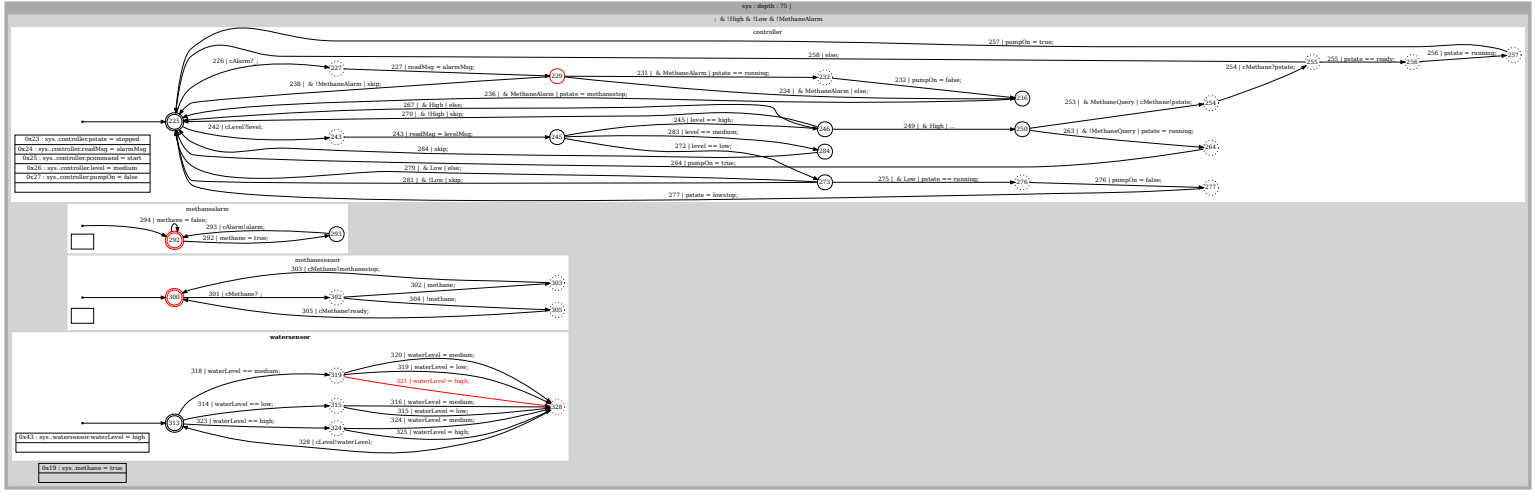

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
232
257 | pumpOn = true;
258 | else;
255
255 | pstate == ready;
256
256 | pstate = running;
257
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
229
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane?methanestop;
302 | methane;
304 | !methane;
303
309
301 | cMethane? ;
302
305 | cMethane!ready;
305
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
315
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
328
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true

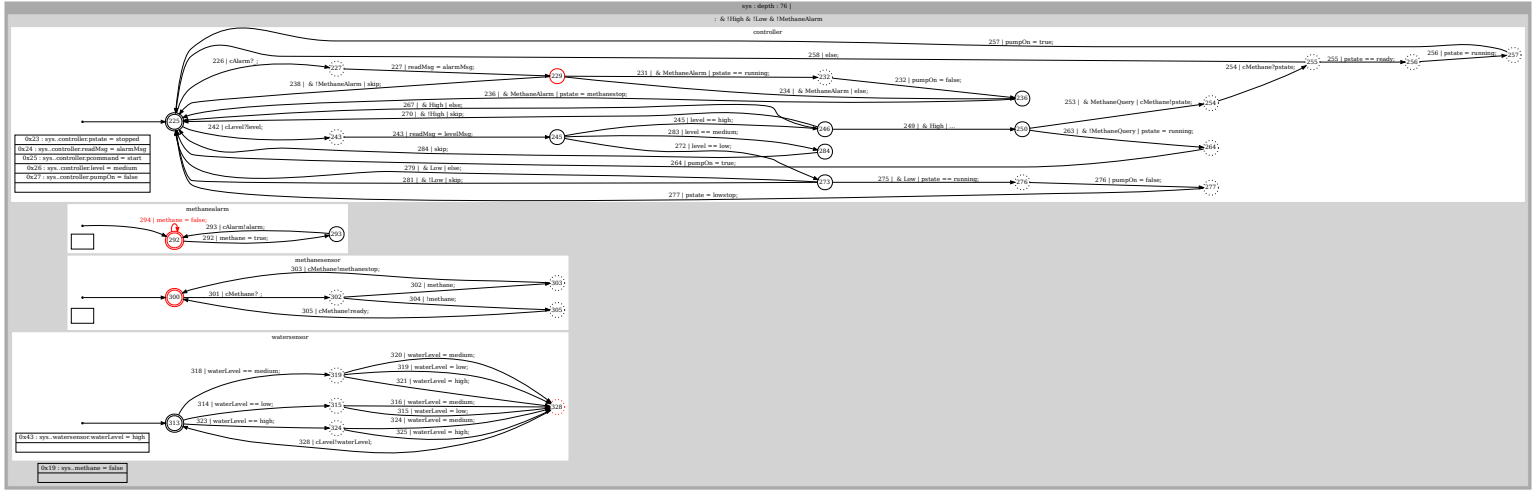

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
303
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

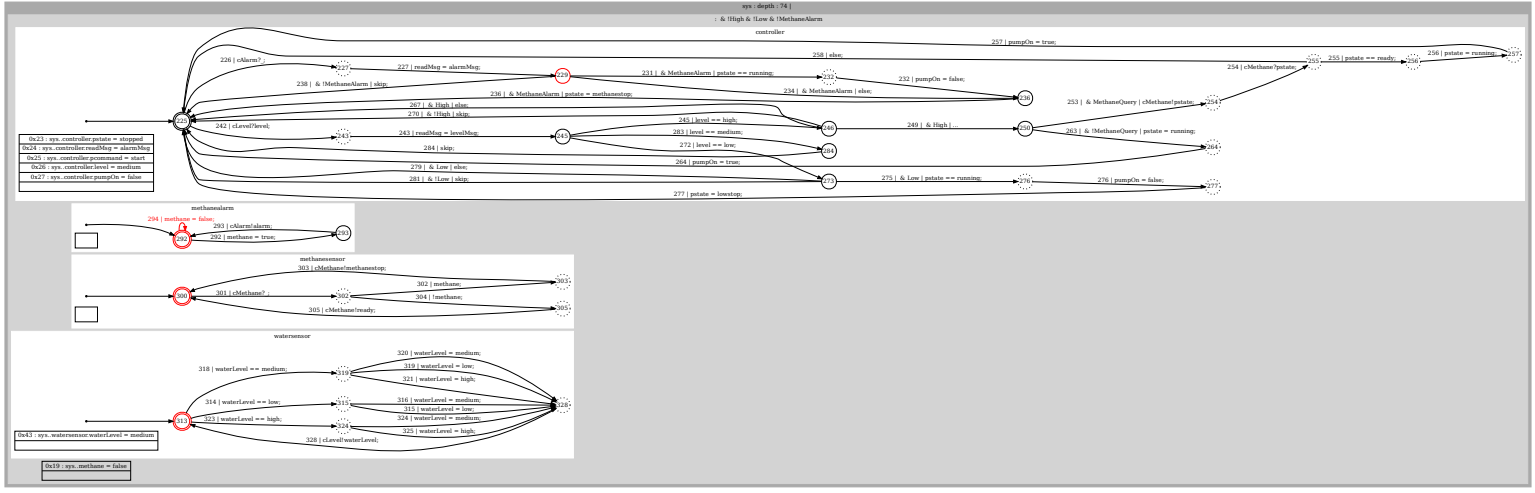

sys : depth : 74 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaval!waterLaval;
319
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

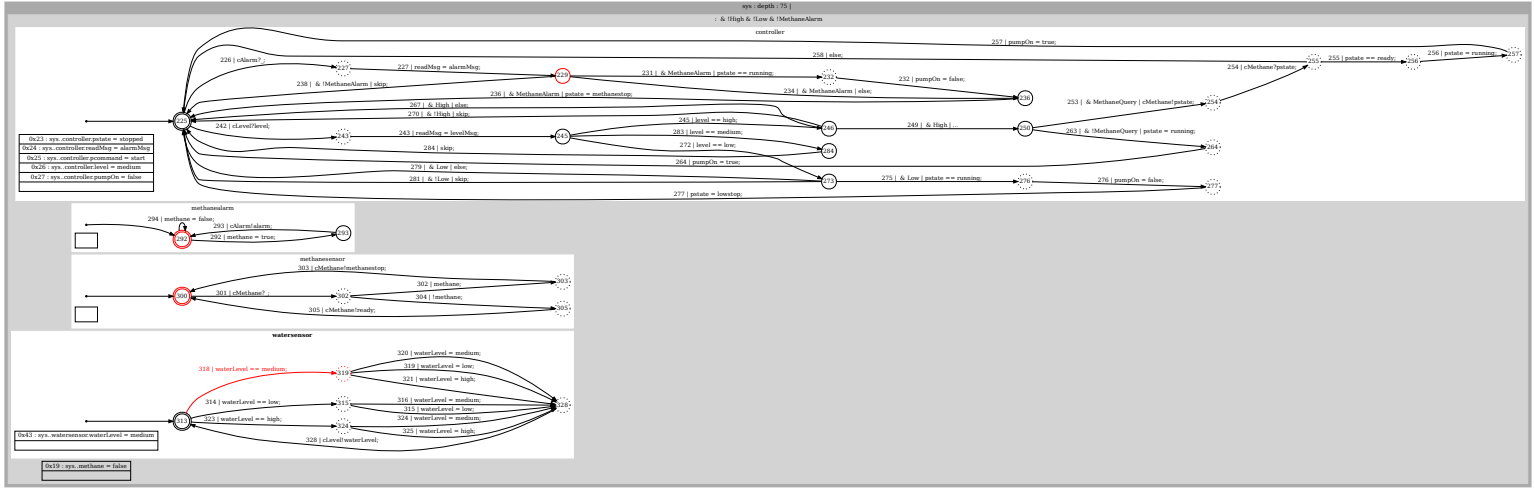

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
232
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
255
254 | cMethane?pstate;
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
225
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
323 | waterLevel == high;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
324
328 | cLaval!waterLaval;
328
0x43 : sys._watersensor.waterLevel = medium
0x19 : sys._methane = true

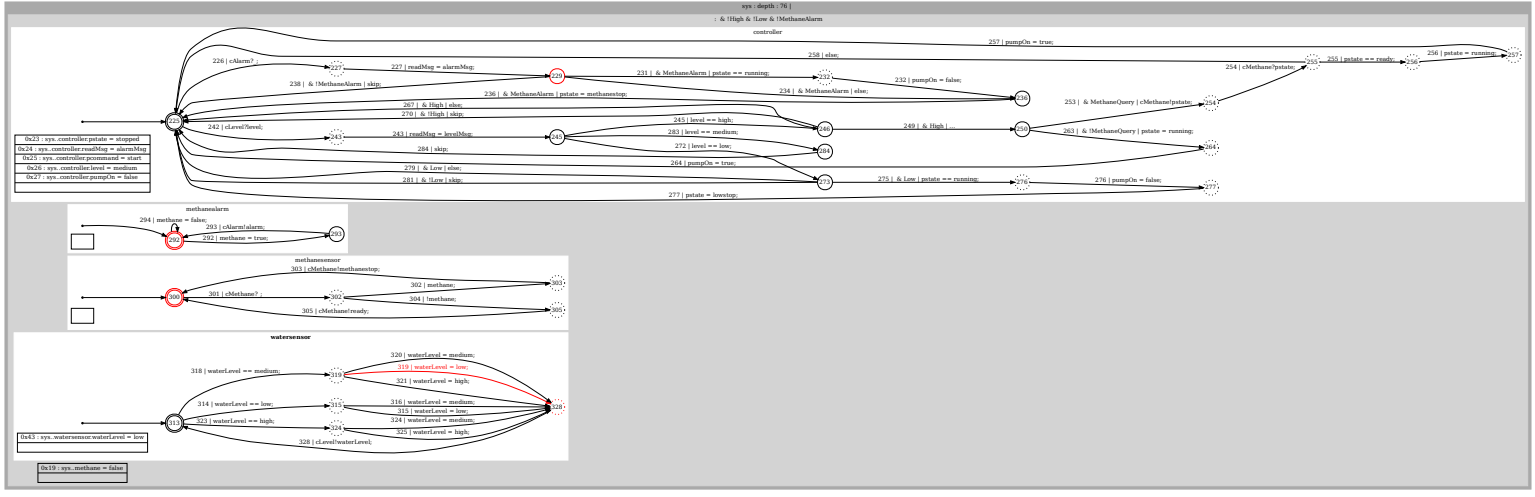

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

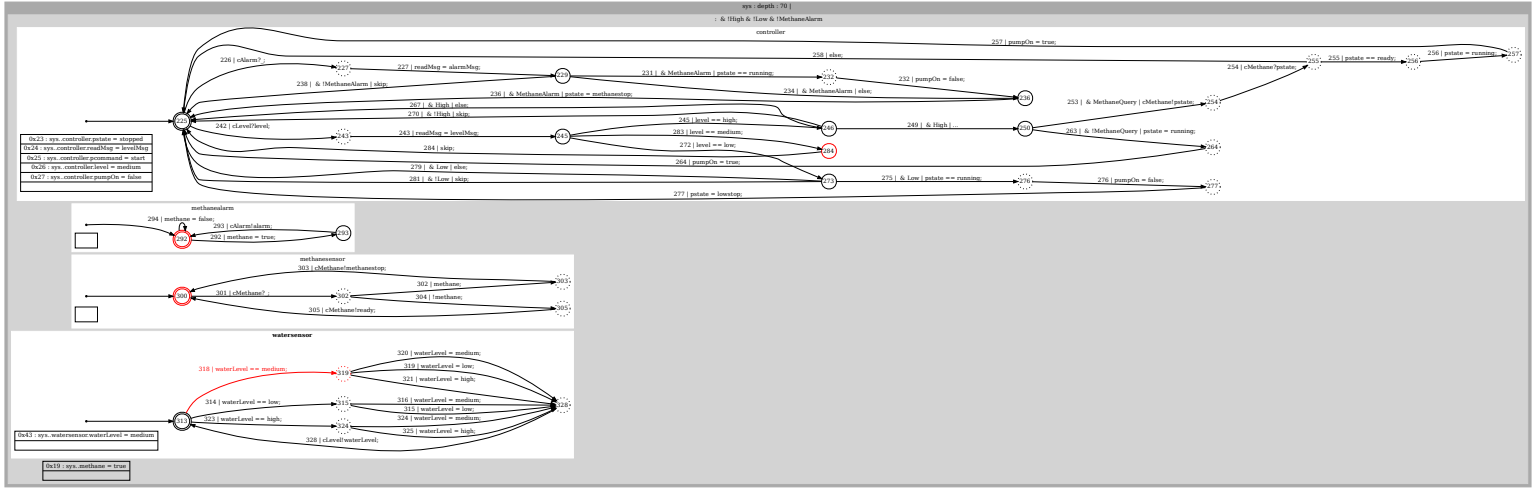

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
263 | & !MethaneQuery | pstate = running;
264
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
264 | pumpOn = true;
methanealarm
292
293 | cAlarm!alarm;
292 | methane = true;
293
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

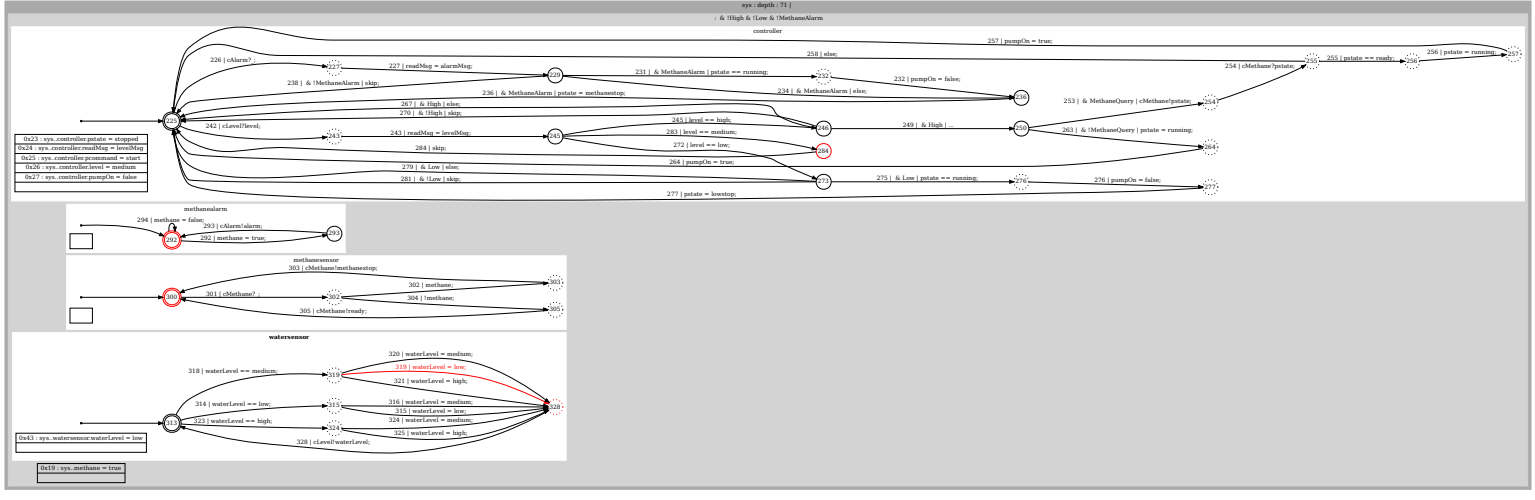

sys : depth : 76 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.rsmdMsg = alarmMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | rsmdMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238 | & !High | else;
239 | & !High | skip;
240
241 | level == high;
242 | cLevel?level;
243 | rsmdMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259 | & !MethaneQuery | pstate = running;
260
261
262
263 | level == medium;
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278 | & Low | else;
279 | & Low | skip;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | pstate = running;
293 | cMethane!pstate;
294 | pstate = ready;
methanealarm
294 | methane = false;
292
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
303 | cMethane!methanestop;
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLevel!waterLevel;
0x19 : sys..methane = false

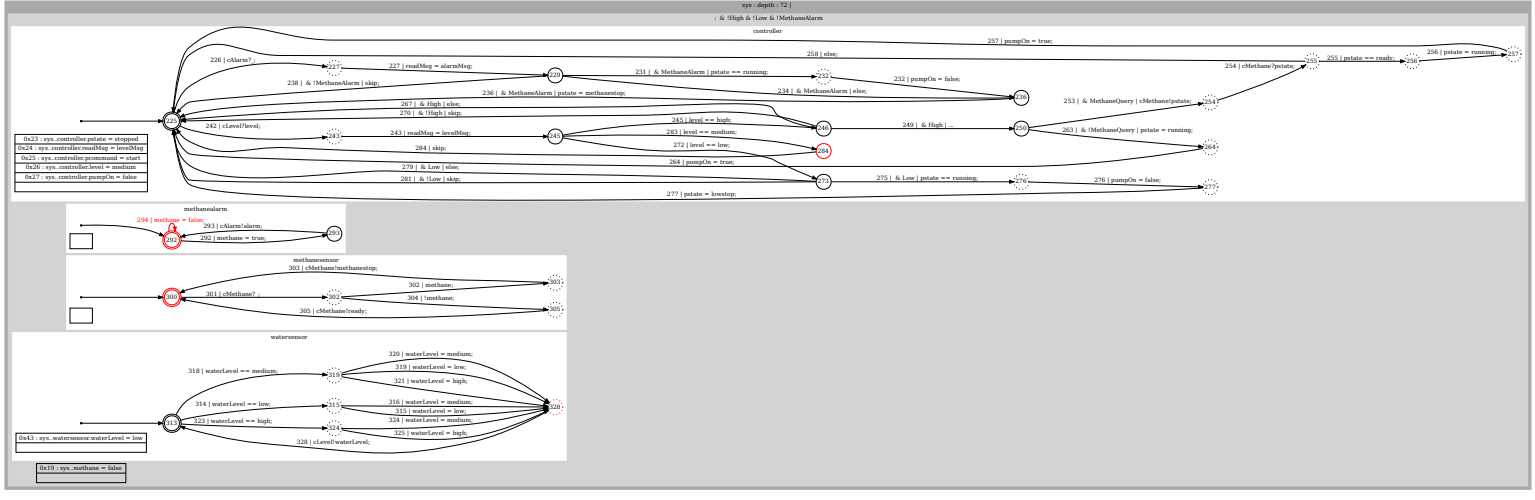

sys : depth : 74 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
257 | pumpOn = true;
258 | else;
226 | cAlarm? ;
227 | readMsg = alarmMsg;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
255 | pstate == ready;
256 | pstate = running;
254 | cMethane?pstate;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
246
243 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
284
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
292
methanesensor
303 | cMethane?methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
305
waterlsensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
313
328 | cLaval!waterLaval;
0x43 : sys.waterlsensor.waterLevel = medium
0x19 : sys.methane = false

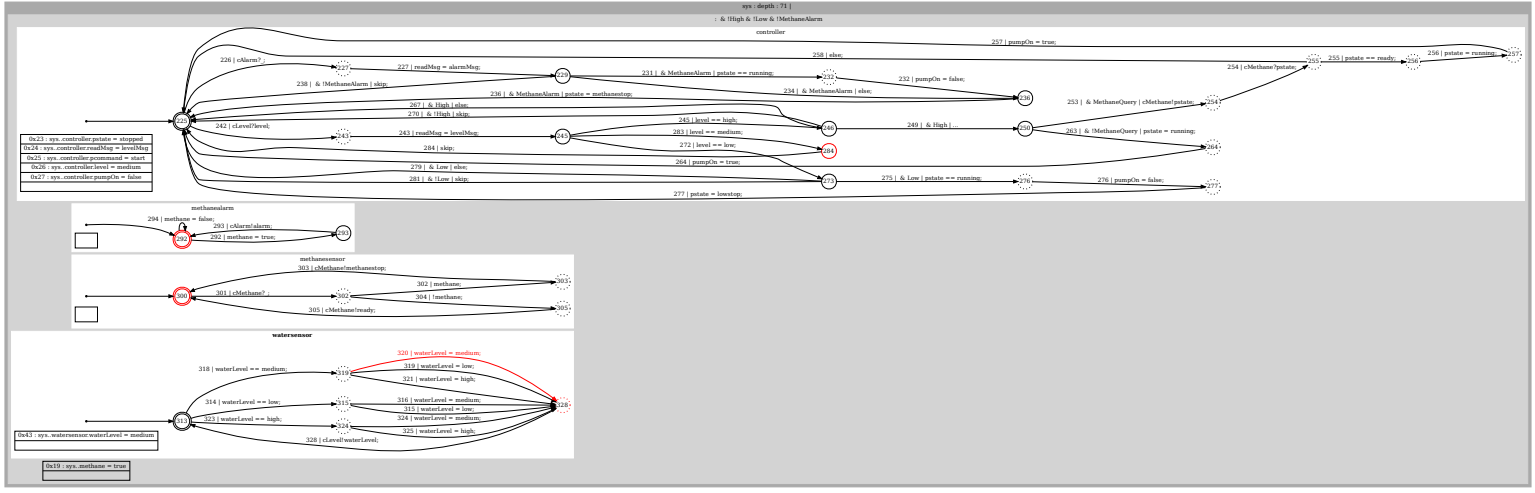

sys : depth : 75 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = alarmMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
236 | & MethaneAlarm | pstate = methanestop;
243 | level == high;
283 | level == medium;
272 | level == low;
264 | pumpOn = true;
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
299
methanesensor
303 | cMethane!methanestop;
302 | methane;
304 | !methane;
301 | cMethane? ;
305 | cMethane!ready;
300
301
302
303
304
305
watersensor
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
319
314 | waterLaveal == low;
323 | waterLevel == high;
315
324
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaveal!waterLaveal;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

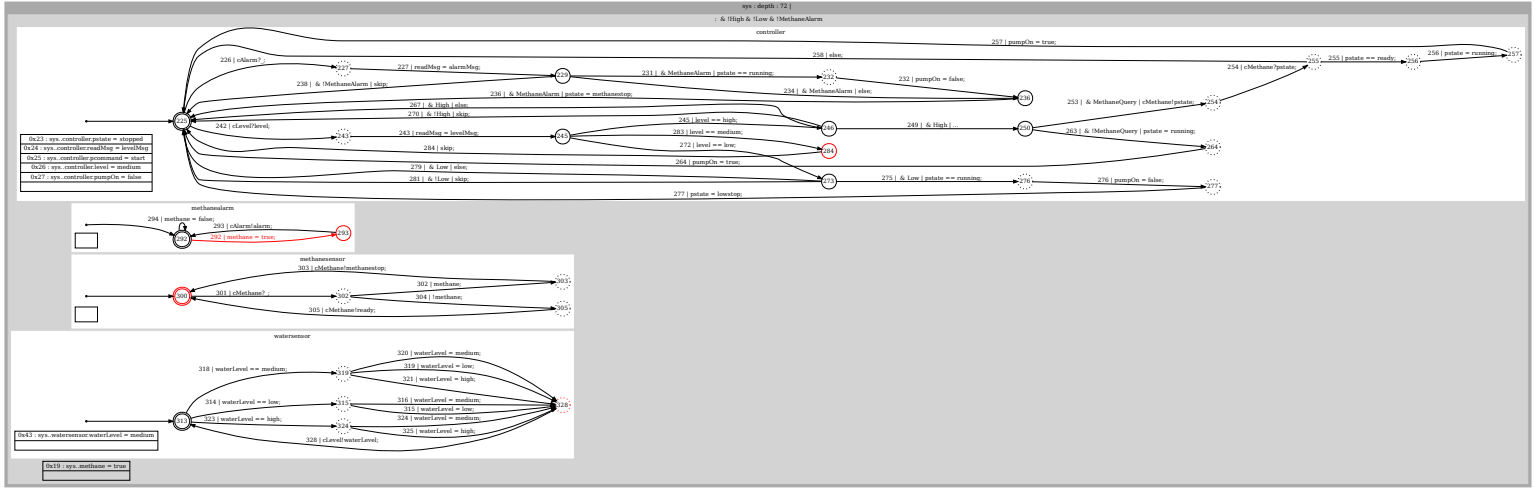

sys : depth : 76 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys._controller.pstate = stopped
0x24 : sys._controller.readMsg = alarmMsg
0x25 : sys._controller.pcommand = start
0x26 : sys._controller.level = medium
0x27 : sys._controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237 | & !MethaneAlarm | skip;
238 | & !High | else;
239 | & !High | skip;
240
241 | cLevel?level;
242
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
283 | level == medium;
279 | & Low | else;
281 | & !Low | skip;
284 | skip;
methanealarm
292
293 | cAlarm!alarm;
294 | methane = false;
292 | methane = true;
293
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys._watersensor.waterLevel = low
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys._methane = false

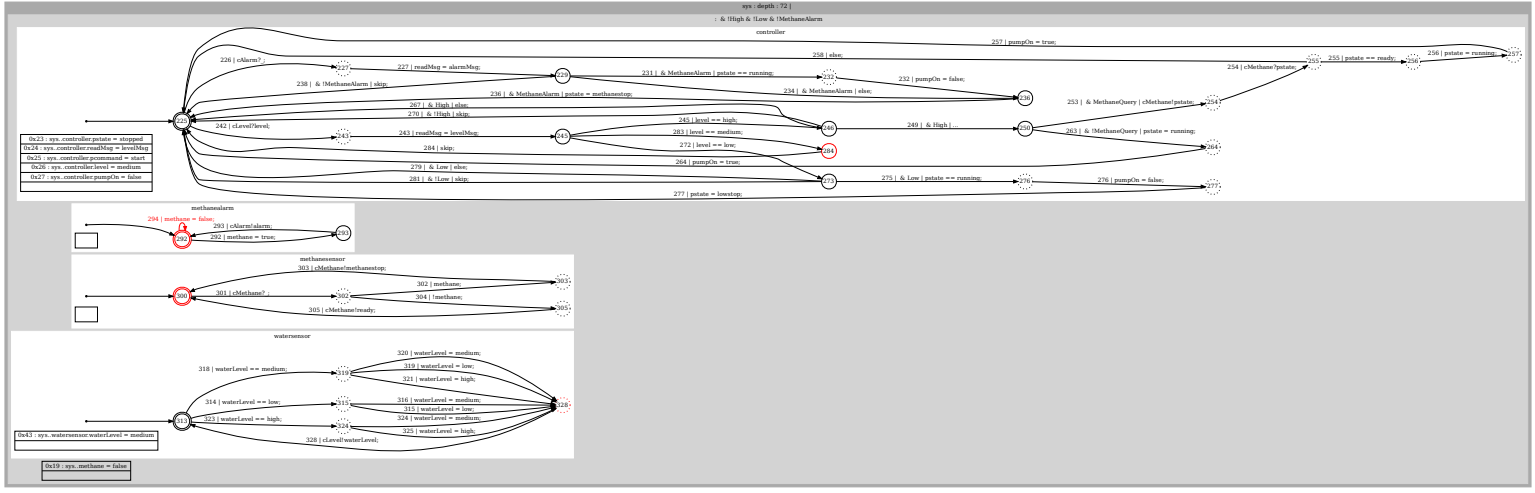

sys : depth : 70 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaveal!waterLaveal;
328
313
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

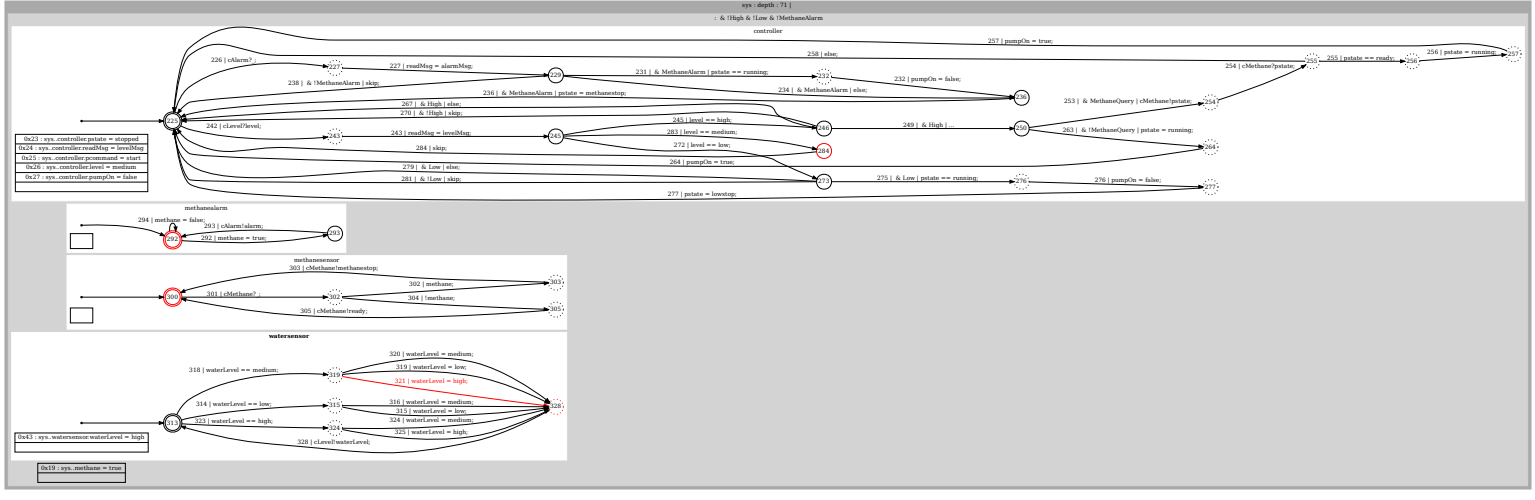

sys : depth : 71 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259 | & !High | else;
260 | & !High | skip;
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & Low | else;
268
269
270 | & Low | pstate == running;
271
271 | pumpOn = false;
272
272 | level == low;
273
273 | level == medium;
274
274 | pumpOn = false;
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
0x19 : sys..methane = true
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
327
328
328 | cLevel!waterLevel;

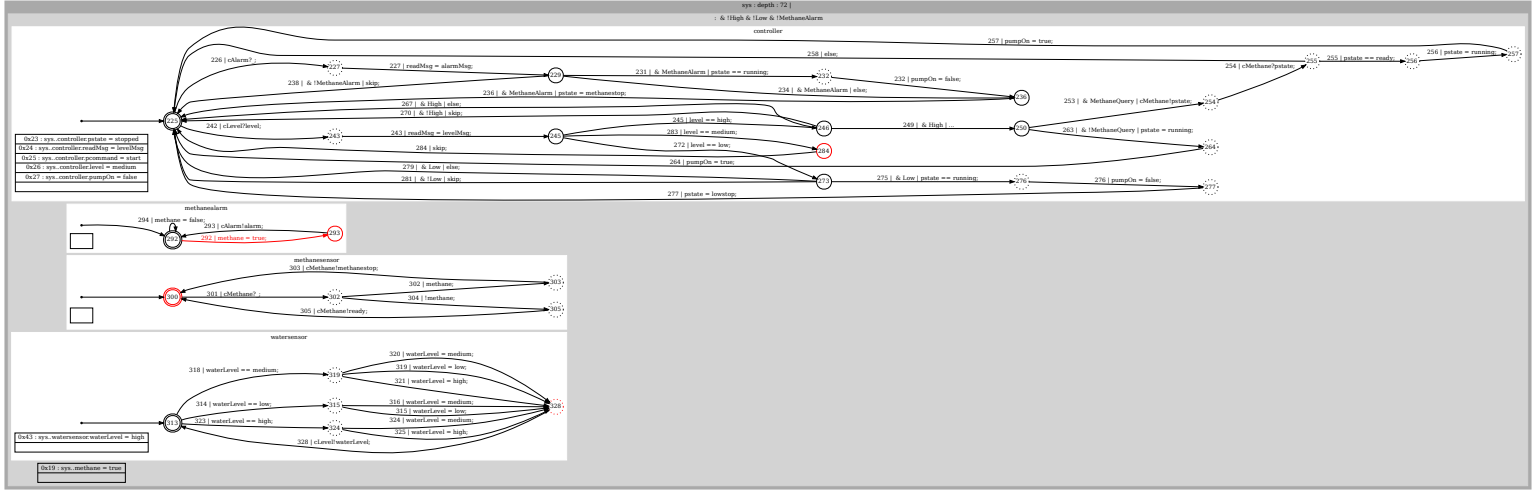

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
283 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

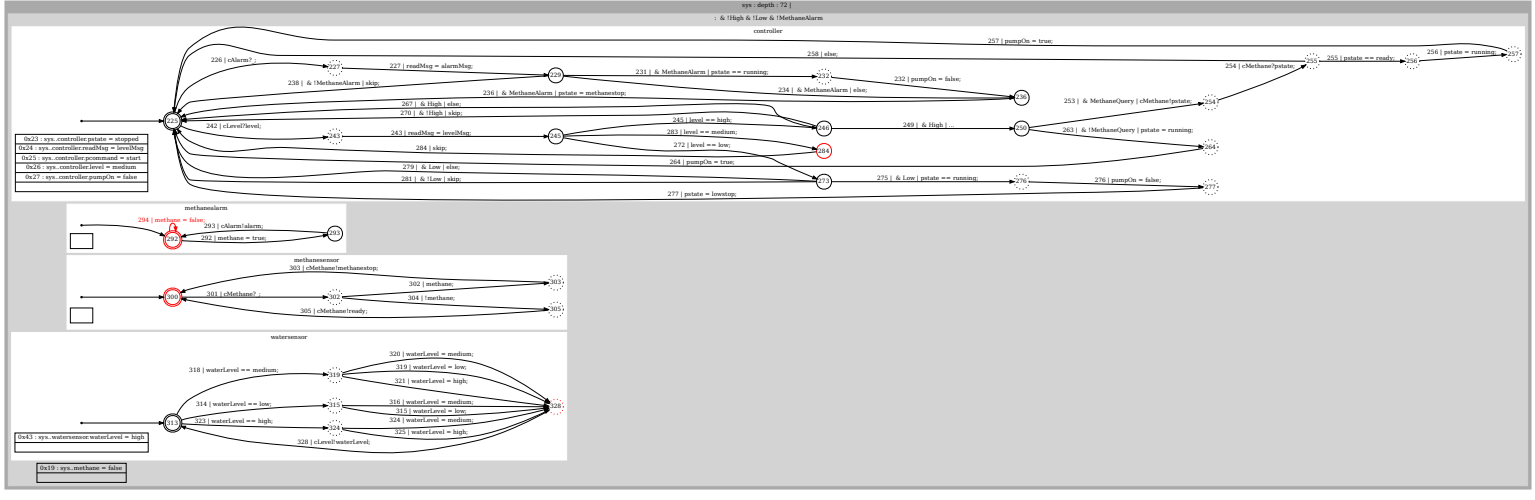

sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255
256 | pstate == ready;
257
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == high;
283 | level == medium;
284
284 | level == low;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
301
302
303 | cMethane?methanestop;
304 | !methane;
305
305 | cMethane!ready;
306
307
308
309
301 | cMethane? ;
302 | methane;
watersensor
310
311
312
313
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
317
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
322
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
326
327
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

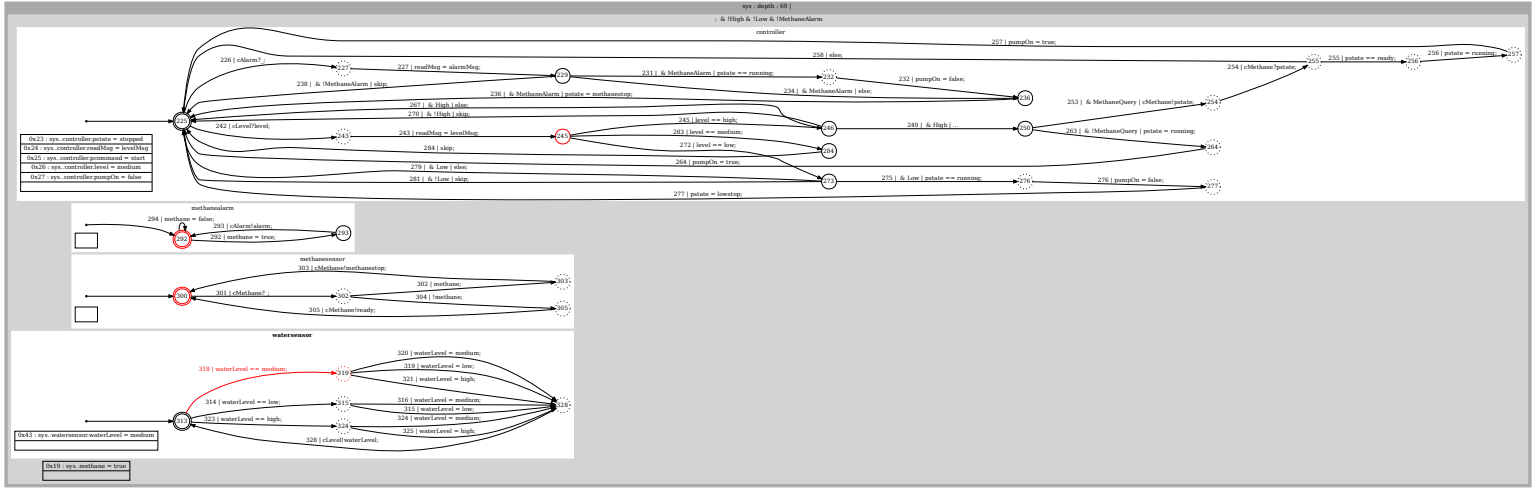

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
253 | & MethaneQuery | cMethane!pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaval!waterLaval;
328
313
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

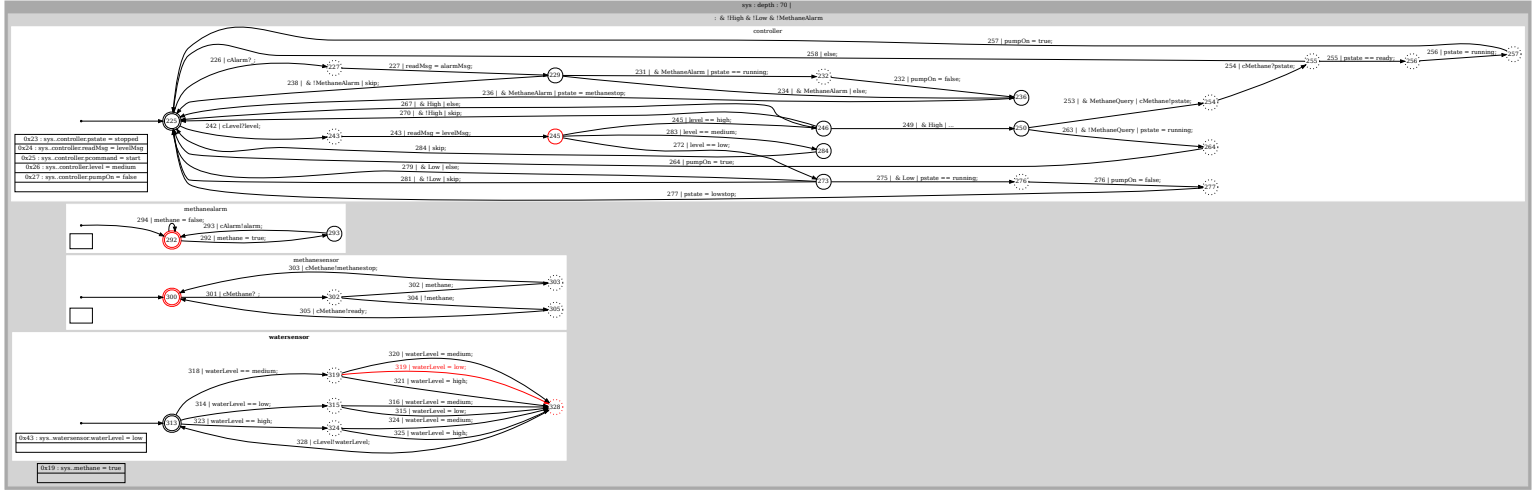

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
264
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
292
methanesensor
303 | cMethane?methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328 | cLaveal!waterLaveal;
313
328
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false

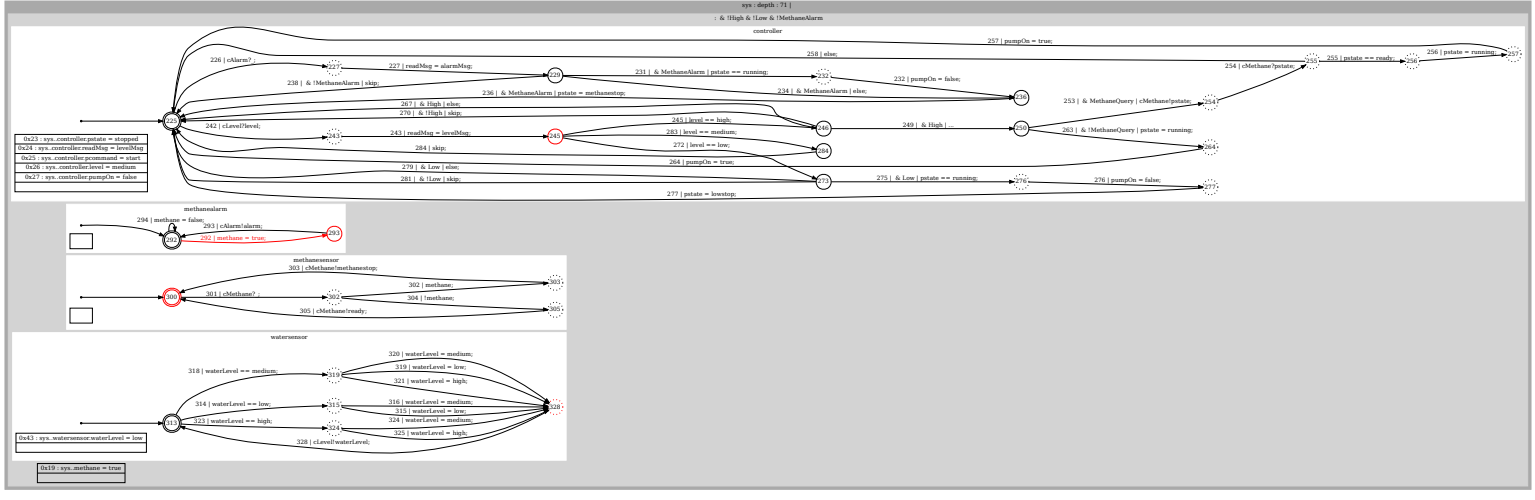

sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
276 | pumpOn = false;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true

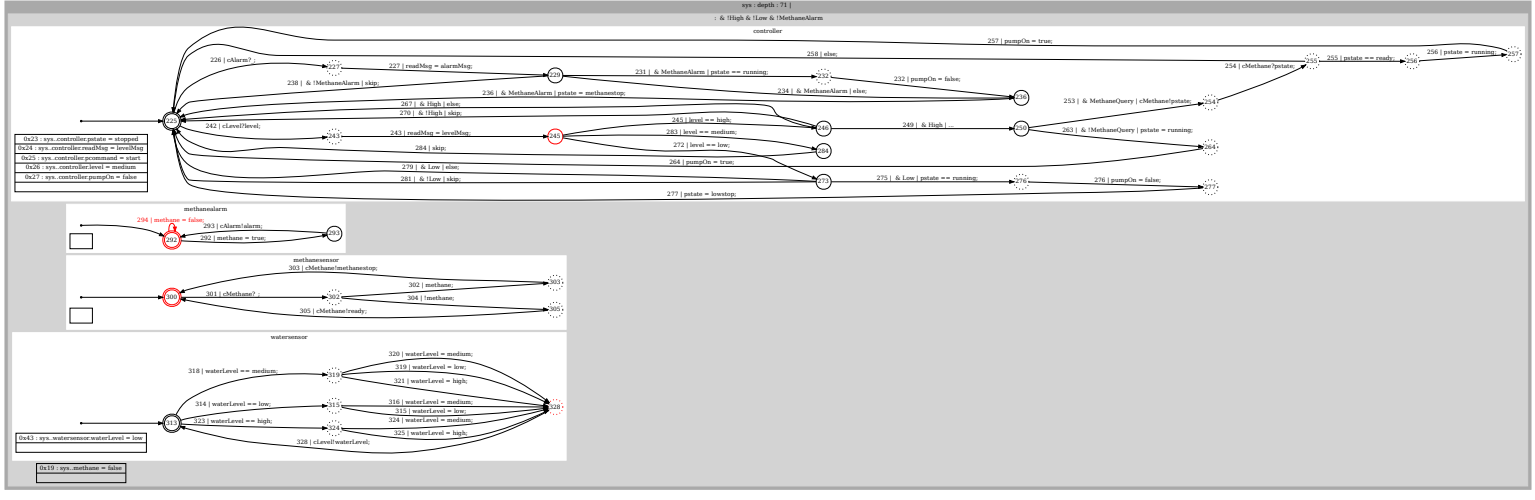

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
265
266
267 | & High | else;
270 | & !High | skip;
272 | level == low;
273
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
254 | cMethane!pstate;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
methanesensor
303 | cMethane!methanestop;
300
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
313
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true

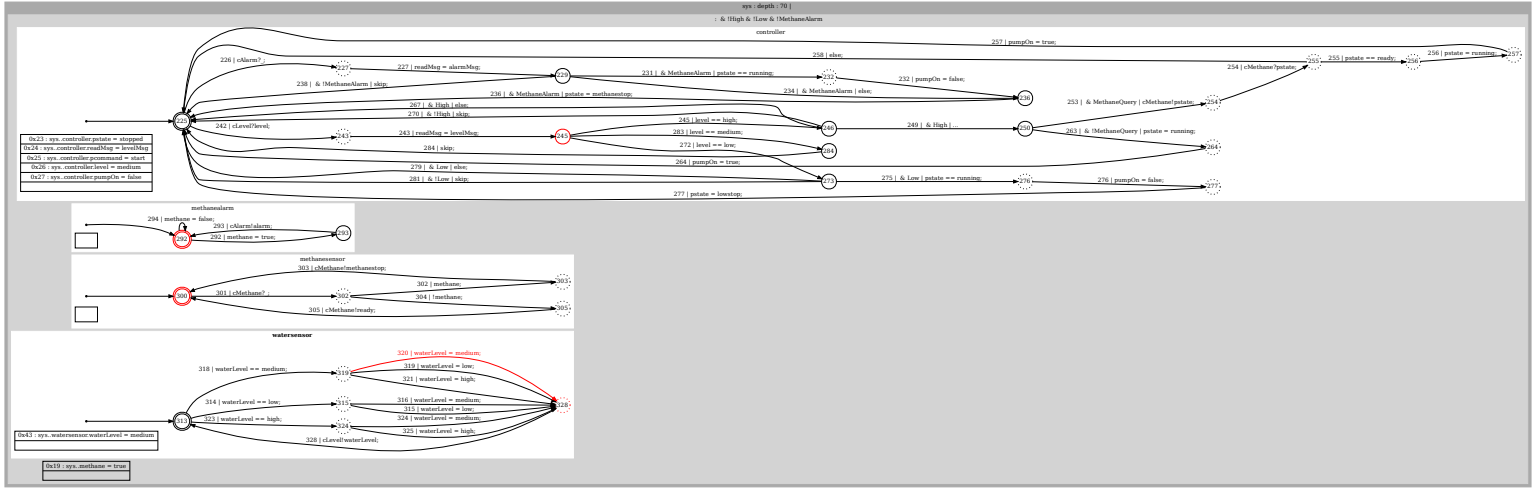

sys : depth : 72 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
272 | level == low;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
263 | & !MethaneQuery | pstate = running;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
257 | pumpOn = true;
258 | else;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = high
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false

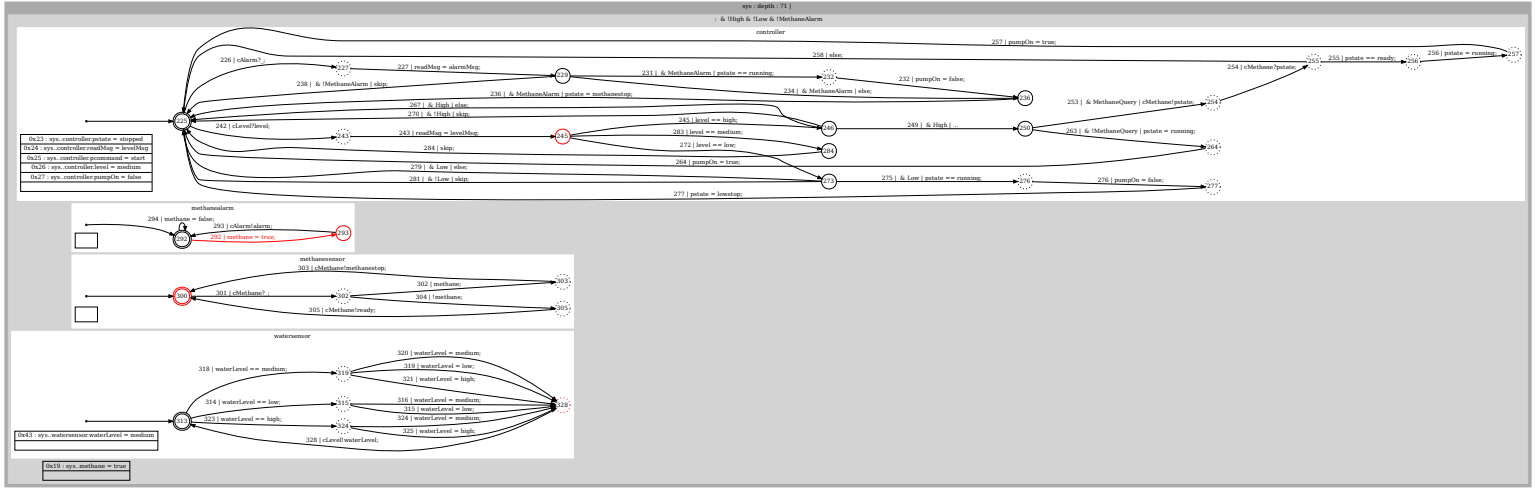

sys : depth : 69 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
229
226 | cAlarm? ;
227
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
253 | & MethaneQuery | cMethane!pstate;
254
263 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
284
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
292
298
methanesensor
303 | cMethane!methanestop;
309
303 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
303
305
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaveal == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
324 | waterLevel = medium;
325 | waterLevel = high;
323 | waterLevel == high;
324
328
328 | cLaveal!waterLaveal;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true

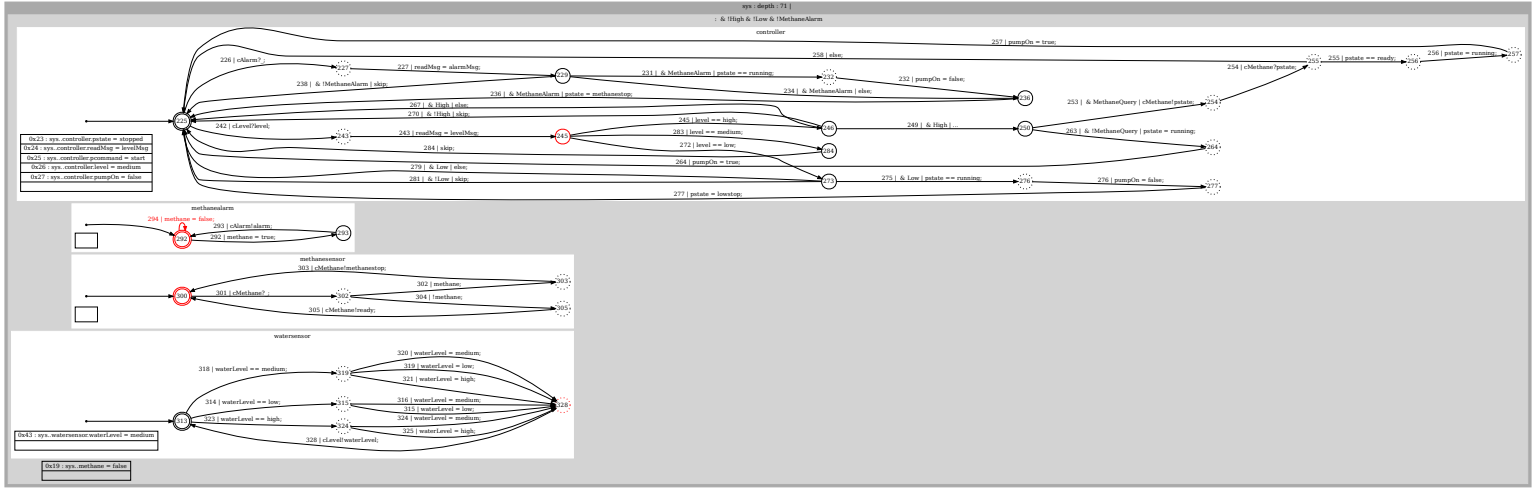

sys : depth : 70 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
270 | & !High | skip;
271
272 | level == low;
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
279 | & Low | else;
281 | & !Low | skip;
283 | level == medium;
284 | skip;
methanealarm
292
293
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303
303 | cMethane!methanestop;
304 | !methane;
305
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
313
314 | waterLevel == low;
315
315 | waterLevel = low;
316 | waterLevel = medium;
317
318 | waterLevel == medium;
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys..methane = true


sys : depth : 71 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245 | level == high;
283 | level == medium;
284 | skip;
272 | level == low;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
249 | & High | ...
253 | & MethaneQuery | cMethane!pstate;
283 | & !MethaneQuery | pstate = running;
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
0x43 : sys..watersensor.waterLevel = low
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = true


sys : depth : 71 |
: & !High & !Low & !MethaneAlarm
controller
0x23 : sys..controller.pstate = stopped
0x24 : sys..controller.readMsg = levelMsg
0x25 : sys..controller.pcommand = start
0x26 : sys..controller.level = medium
0x27 : sys..controller.pumpOn = false
223
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
231 | & MethaneAlarm | pstate == running;
232
232 | pumpOn = false;
238 | & !MethaneAlarm | skip;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
236
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255
255 | pstate == ready;
256
256 | pstate = running;
257
253 | & MethaneQuery | cMethane?pstate;
254
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
245
245 | level == high;
283 | level == medium;
272 | level == low;
246
249 | & High | ...
250
283 | & !MethaneQuery | pstate = running;
264
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
275
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
methanealarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
292
293
methanesensor
303 | cMethane!methanestop;
301 | cMethane? ;
302 | methane;
304 | !methane;
305 | cMethane!ready;
300
302
303
305
watersensor
0x43 : sys..watersensor.waterLevel = low
313
318 | waterLevel == medium;
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324 | waterLevel = medium;
325 | waterLevel = high;
328 | cLevel!waterLevel;
0x19 : sys..methane = false


sys : depth : 70 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239
240
241
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267 | & High | else;
268
269
270 | & !High | skip;
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
278
279 | & Low | else;
280
281 | & !Low | skip;
282
283 | level == medium;
284 | skip;
285
286
287
288
289
290
291
292 | methane = true;
293 | cAlarm!alarm;
294 | methane = false;
methanesensor
300
301 | cMethane? ;
302
302 | methane;
303 | cMethane!methanestop;
303
304 | !methane;
305 | cMethane!ready;
305
watersensor
0x43 : sys.watersensor.waterLevel = medium
313
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
318 | waterLevel == medium;
319
319 | waterLevel = low;
320 | waterLevel = medium;
321 | waterLevel = high;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x19 : sys.methane = true


sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
228
229
230
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
233
234 | & MethaneAlarm | else;
235
236 | & MethaneAlarm | pstate = methanestop;
237
238 | & !MethaneAlarm | skip;
239 | & !High | skip;
240
241 | & High | else;
242 | cLevel?level;
243
243 | readMsg = levelMsg;
244
245 | level == high;
246
247
248
249 | & High | ...
250
251
252
253 | & MethaneQuery | cMethane!pstate;
254
255 | pstate == ready;
256
256 | pstate = running;
257 | pumpOn = true;
258 | else;
259
260
261
262
263 | & !MethaneQuery | pstate = running;
264
264 | pumpOn = true;
265
266
267
268
269
270
271
272
273
274
275 | & Low | pstate == running;
276
276 | pumpOn = false;
277
277 | pstate = lowstop;
283 | level == medium;
272 | level == low;
284 | skip;
279 | & Low | else;
281 | & !Low | skip;
254 | cMethane?pstate;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
293
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
303
304 | !methane;
305
305 | cMethane!ready;
watersensor
318 | waterLevel == medium;
319
320 | waterLevel = medium;
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLaval == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLaval!waterLaval;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = true


sys : depth : 71 |
; & !High & !Low & !MethaneAlarm
controller
0x23 : sys.controller.pstate = stopped
0x24 : sys.controller.readMsg = levelMsg
0x25 : sys.controller.pcommand = start
0x26 : sys.controller.level = medium
0x27 : sys.controller.pumpOn = false
226 | cAlarm? ;
227 | readMsg = alarmMsg;
238 | & !MethaneAlarm | skip;
229
231 | & MethaneAlarm | pstate == running;
232 | pumpOn = false;
257 | pumpOn = true;
258 | else;
254 | cMethane?pstate;
255 | pstate == ready;
256 | pstate = running;
236 | & MethaneAlarm | pstate = methanestop;
234 | & MethaneAlarm | else;
253 | & MethaneQuery | cMethane!pstate;
267 | & High | else;
270 | & !High | skip;
242 | cLevel?level;
243 | readMsg = levelMsg;
245
243 | level == high;
283 | level == medium;
272 | level == low;
249 | & High | ...
263 | & !MethaneQuery | pstate = running;
284 | skip;
264 | pumpOn = true;
279 | & Low | else;
281 | & !Low | skip;
272
275 | & Low | pstate == running;
276 | pumpOn = false;
277 | pstate = lowstop;
methanesalarm
294 | methane = false;
293 | cAlarm!alarm;
292 | methane = true;
298
methanesensor
303 | cMethane!methanestop;
309
301 | cMethane? ;
302
302 | methane;
304 | !methane;
305 | cMethane!ready;
watersensor
320 | waterLevel = medium;
318 | waterLevel == medium;
319
319 | waterLevel = low;
321 | waterLevel = high;
314 | waterLevel == low;
315
316 | waterLevel = medium;
315 | waterLevel = low;
323 | waterLevel == high;
324
324 | waterLevel = medium;
325 | waterLevel = high;
328
328 | cLevel!waterLevel;
0x43 : sys.watersensor.waterLevel = medium
0x19 : sys.methane = false