1:	(assertControllerFault)	: BAD_EXPOSURE_POSITION_SENSOR [0x-	40]
(/home/jenkins/age	ent/workspace/Release/optimus-release	eTools/git-projects/Libraries/Device/libToolController/lib/ToolController.cpp:4445)	
2: [0m[PFS INFO]	: PFS TOOL error : Must re-IdentifyToo	ol	
3: [PFS INFO] : ==			
4: [PFS INFO] :	PFS State: PFS_STATE_INITIAL	LIZED	
5: [PFS INFO] :	Exposure Strategy: PROJECTIVE AG	GRESSIVE	
6: [PFS INFO] : F	Random Exposure Mode: RANDOM_EX	KPOSURE_MODE_DISABLED	
7: [PFS INFO] : F	Proximity Range [mm]: 20		
8: [PFS INFO] :			
9: [PFS INFO] :	WASTE Distance : 4.8907		
10: [PFS INFO] :	SPARE Distance : 10000		
11: [PFS INFO] :	GUARD Distance : 11.7908		
12: [PFS INFO] :			
13: [PFS INFO] : =			
14: [PFS INFO] :			
15: [PFS INFO] :			
16: [PFS INFO] : =			
17: [PFS INFO] :	Name : PFSControllerBox_	_DuoEthernet	
18: [PFS INFO] : -			
19: [PFS INFO] :	Tool Controller State: FAULT		
20: [PFS INFO] : =			

21: [PFS INFO] :

0g.
22: [PFS INFO] : PFSTool not available
23: [PFS INFO] : ===================================
24: [PFS INFO] : Dimension : 158 x 113 x 161
25: [PFS INFO]: Resolution [mm]: 0.50 0.50 0.50
26: [PFS INFO]: Origin [mm]: -39.77 -26.50 -56.73
27: [PFS INFO] : Size [mm] : 79.00 56.50 80.50
28: [PFS INFO] : IsoValue : 128
29: [PFS INFO] :
30: [PFS INFO]: Total SPARE Voxel Count: 561037
31: [PFS INFO]: Total WASTE Voxel Count : 242357
32: [PFS INFO] : SPARE Voxel Count : 561037
33: [PFS INFO]: WASTE Voxel Count: 238493
34: [PFS INFO] :
35: [PFS INFO]: Proximity Boundary Algorithm: SINGLE Threaded
36: [PFS INFO] : ===================================
37: [PFS INFO] :
38: [PFS INFO] :
39: [PFS INFO] : ===================================
40: [PFS INFO] : Controller name:
41: [PFS INFO]: Controller firmware version: CORI-v1.4.0.7
42: [PFS INFO] : ============

43: [PFS INFO] :	
44: [PFS INFO] :	
45: [PFS INFO] :	
46: [PFS INFO] :	Tool Part Number: 110310
47: [PFS INFO] :	Tool Serial Number: SN000202
48: [PFS INFO] :	
49: [PFS INFO] :	Use Count: 18
50: [PFS INFO] :	Usage Count SLS: 16
51: [PFS INFO] :	Usage Time (min): 1033
52: [PFS INFO] :	Usage Time SLS (min): 1030
53: [PFS INFO] :	
54: [PFS INFO] :	Homing Support: Yes
55: [PFS INFO] :	Homing Torque (%): 0.2
56: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
57: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
58: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.22565
59: [PFS INFO] :	Exposure Operating Torque(%): 0.95
60: [PFS INFO] :	Drill Operating Torque(%): 0.65
61: [PFS INFO] :	Low. Traverse Range (mm): 17.5
62: [PFS INFO] :	Hi. Traverse Range (mm): 21.5
63: [PFS INFO] :	Tool Drill Nominal RPM: 60000

64: [PFS INFO]: MM per Ticks Resolution: 0.001238
65: [PFS INFO] : ===================================
66: [PFS INFO] :
67: [PFS INFO] :
68: [PFS ERROR] : (SetSpeed) : ToolController TOOL Exception caught: SetDrillMaxSpeed / assertControllerFault Error message:BAD_EXPOSURE_POSITION_SENSOR [0x40] (PFSControllerBox_DuoEthernet.cpp:218)
69: [PFS INFO]: Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
70: [PFS INFO]: Proximity Range [mm]: 20
71: [PFS INFO]:
72: [PFS INFO]: WASTE Distance: 4.8907
73: [PFS INFO] : SPARE Distance : 10000
74: [PFS INFO] : GUARD Distance : 11.7908
75: [PFS INFO] :
76: [PFS INFO]: ====================================
77: [PFS INFO] :
78: [PFS INFO] :
79: [PFS INFO] : ===================================
80: [PFS INFO]: Name: PFSControllerBox_DuoEthernet
81: [PFS INFO]:
82: [PFS INFO] : Tool Controller State: FAULT
83: [PFS INFO]: ====================================
84: [PFS INFO] :

85: [PFS INFO] : PFSTool not available
86: [PFS INFO]: ====================================
87: [PFS INFO] : Dimension : 158 x 113 x 161
88: [PFS INFO]: Resolution [mm]: 0.50 0.50 0.50
89: [PFS INFO]: Origin [mm]: -39.77 -26.50 -56.73
90: [PFS INFO] : Size [mm] : 79.00 56.50 80.50
91: [PFS INFO] : IsoValue : 128
92: [PFS INFO] :
93: [PFS INFO]: Total SPARE Voxel Count: 561037
94: [PFS INFO]: Total WASTE Voxel Count: 242357
95: [PFS INFO] : SPARE Voxel Count : 561037
96: [PFS INFO]: WASTE Voxel Count: 238493
97: [PFS INFO] :
98: [PFS INFO]: Proximity Boundary Algorithm: SINGLE Threaded
99: [PFS INFO] : ============
100: [PFS INFO] :
101: [PFS INFO] :
102: [PFS INFO] : ============
103: [PFS INFO] : Controller name:
104: [PFS INFO]: Controller firmware version: CORI-v1.4.0.7
105: [PFS INFO] : ============

106: [PFS INFO] :	
107: [PFS INFO] :	
108: [PFS INFO] :	
109: [PFS INFO] :	Tool Part Number: 110310
110: [PFS INFO] :	Tool Serial Number: SN000202
111: [PFS INFO] :	
112: [PFS INFO] :	Use Count: 18
113: [PFS INFO] :	Usage Count SLS: 16
114: [PFS INFO] :	Usage Time (min): 1033
115: [PFS INFO] :	Usage Time SLS (min): 1030
116: [PFS INFO] :	
117: [PFS INFO] :	Homing Support: Yes
118: [PFS INFO] :	Homing Torque (%): 0.2
119: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
120: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
121: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.22565
122: [PFS INFO] :	Exposure Operating Torque(%): 0.95
123: [PFS INFO] :	Drill Operating Torque(%): 0.65
124: [PFS INFO] :	Low. Traverse Range (mm): 17.5
125: [PFS INFO] :	Hi. Traverse Range (mm): 21.5
126: [PFS INFO] :	Tool Drill Nominal RPM: 60000

127: [PFS INFO] :	MM per Ticks Resolution: 0.001238	
128: [PFS INFO] :	=======================================	
129: [PFS INFO] :		
130: [PFS INFO] :		
131: (/home/jenkins/age	[0m(assertControllerFault) : BAD_EXPOSURE_POSITION_SENSOR ent/workspace/Release/optimus-releaseTools/git-projects/Libraries/Device/libToolController/lib/ToolController.cpp:4445)	[0x40]
	O] : PFS TOOL error : Must re-IdentifyTool	
133: [PFS INFO] :	=======================================	
134: [PFS INFO] :	PFS State: PFS_STATE_INITIALIZED	
135: [PFS INFO] :	Exposure Strategy: PROJECTIVE AGGRESSIVE	
136: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED	
137: [PFS INFO] :	Proximity Range [mm]: 20	
138: [PFS INFO] :		
139: [PFS INFO] :	WASTE Distance : 6.95433	
140: [PFS INFO] :	SPARE Distance : 10000	
141: [PFS INFO] :	GUARD Distance: 12.1593	
142: [PFS INFO] :		
143: [PFS INFO] :	=======================================	
144: [PFS INFO] :		
145: [PFS INFO] :		
146: [PFS INFO] :		

Name: PFSControllerBox\_DuoEthernet

147: [PFS INFO]:

148: [PFS INFO] :	
149: [PFS INFO] :	Tool Controller State: FAULT
150: [PFS INFO] :	
151: [PFS INFO] :	
152: [PFS INFO] :	PFSTool not available
153: [PFS INFO] :	=======================================
154: [PFS INFO] :	Dimension : 158 x 113 x 161
155: [PFS INFO] :	Resolution [mm] : 0.50 0.50 0.50
156: [PFS INFO] :	Origin [mm] : -39.77 -26.50 -56.73
157: [PFS INFO] :	Size [mm] : 79.00 56.50 80.50
158: [PFS INFO] :	IsoValue : 128
159: [PFS INFO] :	
160: [PFS INFO] :	Total SPARE Voxel Count : 561037
161: [PFS INFO] :	Total WASTE Voxel Count : 242357
162: [PFS INFO] :	SPARE Voxel Count : 561037
163: [PFS INFO] :	WASTE Voxel Count : 238165
164: [PFS INFO] :	
165: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
166: [PFS INFO] :	
167: [PFS INFO] :	
168: [PFS INFO] :	

169: [PFS INFO] :	
170: [PFS INFO] :	Controller name:
171: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
172: [PFS INFO] :	
173: [PFS INFO] :	
174: [PFS INFO] :	
175: [PFS INFO] :	
176: [PFS INFO] :	Tool Part Number: 110310
177: [PFS INFO] :	Tool Serial Number: SN000202
178: [PFS INFO] :	
179: [PFS INFO] :	Use Count: 18
180: [PFS INFO] :	Usage Count SLS: 16
181: [PFS INFO] :	Usage Time (min): 1155
182: [PFS INFO] :	Usage Time SLS (min): 1152
183: [PFS INFO] :	
184: [PFS INFO] :	Homing Support: Yes
185: [PFS INFO] :	Homing Torque (%): 0.2
186: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
187: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
188: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.22565
189: [PFS INFO] :	Exposure Operating Torque(%): 0.95

190:	[PFS INFO]	: Drill Operating Torque(%): 0.65
191:	[PFS INFO]	: Low. Traverse Range (mm): 17.5
192:	[PFS INFO]	: Hi. Traverse Range (mm): 21.5
193:	[PFS INFO]	: Tool Drill Nominal RPM: 60000
194:	[PFS INFO]	: MM per Ticks Resolution: 0.001238
195:	[PFS INFO]	: =====================================
196:	[PFS INFO]	
197:	[PFS INFO]	
		RROR] : (KeepAlive) : ToolController TOOL Exception caught: KeepAlive / assertControllerFault Error XPOSURE_POSITION_SENSOR [0x40] (PFSControllerBox_DuoEthernet.cpp:320)
IIICS	sage.DAD_L	XI OSONE_I OSITION_SENSON [0X40] (I I OCONIIOIIEIBOX_DUOEIIIEIIIEI.0pp.320)
199:	[PFS INFO]	: Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
200:	[PFS INFO]	: Proximity Range [mm]: 20
201:	[PFS INFO]	: <del></del>
202:	[PFS INFO]	: WASTE Distance : 6.95433
203:	[PFS INFO]	: SPARE Distance : 10000
204:	[PFS INFO]	: GUARD Distance : 12.1593
205:	[PFS INFO]	: <del></del>
206:	[PFS INFO]	: =====================================
207:	[PFS INFO]	
208:	[PFS INFO]	
209:	[PFS INFO]	: =====================================

Name: PFSControllerBox\_DuoEthernet

210: [PFS INFO]:

211: [PFS INFO] :	
212: [PFS INFO] :	Tool Controller State: FAULT
213: [PFS INFO] :	=======
214: [PFS INFO] :	
215: [PFS INFO] :	PFSTool not available
216: [PFS INFO] :	=======================================
217: [PFS INFO] :	Dimension : 158 x 113 x 161
218: [PFS INFO] :	Resolution [mm]: 0.50 0.50 0.50
219: [PFS INFO] :	Origin [mm] : -39.77 -26.50 -56.73
220: [PFS INFO] :	Size [mm]: 79.00 56.50 80.50
221: [PFS INFO] :	IsoValue : 128
222: [PFS INFO] :	
223: [PFS INFO] :	Total SPARE Voxel Count : 561037
224: [PFS INFO] :	Total WASTE Voxel Count : 242357
225: [PFS INFO] :	SPARE Voxel Count : 561037
226: [PFS INFO] :	WASTE Voxel Count : 238165
227: [PFS INFO] :	
228: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
229: [PFS INFO] :	
230: [PFS INFO] :	
231: [PFS INFO] :	

232: [PFS INFO] :	
233: [PFS INFO] :	Controller name:
234: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
235: [PFS INFO] :	
236: [PFS INFO] :	
237: [PFS INFO] :	
238: [PFS INFO] :	
239: [PFS INFO] :	Tool Part Number: 110310
240: [PFS INFO] :	Tool Serial Number: SN000202
241: [PFS INFO] :	
242: [PFS INFO] :	Use Count: 18
243: [PFS INFO] :	Usage Count SLS: 16
244: [PFS INFO] :	Usage Time (min): 1155
245: [PFS INFO] :	Usage Time SLS (min): 1152
246: [PFS INFO] :	
247: [PFS INFO] :	Homing Support: Yes
248: [PFS INFO] :	Homing Torque (%): 0.2
249: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
250: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
251: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.22565
252: [PFS INFO] :	Exposure Operating Torque(%): 0.95

253: [PFS INFO] :	Drill Operating Torque(%): 0.65		
254: [PFS INFO] :	Low. Traverse Range (mm): 17.5		
255: [PFS INFO] :	Hi. Traverse Range (mm): 21.5		
256: [PFS INFO] :	Tool Drill Nominal RPM: 60000		
257: [PFS INFO] :	MM per Ticks Resolution: 0.001238		
258: [PFS INFO] :			
259: [PFS INFO] :			
260: [PFS INFO] :			
261:	(assertControllerFault) :	BAD_EXPOSURE_POSITION_SENSOR	[0x40]
(/home/jenkins/age	ent/workspace/Release/optimus-releaseTools/git-projects/Li	braries/Device/libToolController/lib/ToolController.cpp:4445)	
262: [0m[PFS INF	FO] : PFS TOOL error : Must re-IdentifyTool		
263: [PFS INFO] :	=======================================		
264: [PFS INFO] :	PFS State: PFS_STATE_INITIALIZED		
265: [PFS INFO] :	Exposure Strategy: PROJECTIVE AGGRESSIVE		
266: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE	_DISABLED	
267: [PFS INFO] :	Proximity Range [mm]: 0		
268: [PFS INFO] :			
269: [PFS INFO] :			
270: [PFS INFO] :			
271: [PFS INFO] :			
272: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet		

273: [PFS INFO]: ------

274: [PFS INFO] :	Tool Controller State: FAULT
275: [PFS INFO] :	
276: [PFS INFO] :	
277: [PFS INFO] :	PFSTool not available
278: [PFS INFO] :	PFSWorkpiece not available
279: [PFS INFO] :	=======================================
280: [PFS INFO] :	Controller name:
281: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
282: [PFS INFO] :	
283: [PFS INFO] :	
284: [PFS INFO] :	
285: [PFS INFO] :	
286: [PFS INFO] :	Tool Part Number: 110310
287: [PFS INFO] :	Tool Serial Number: SN000202
288: [PFS INFO] :	
289: [PFS INFO] :	Use Count: 18
290: [PFS INFO] :	Usage Count SLS: 16
291: [PFS INFO] :	Usage Time (min): 1158
292: [PFS INFO] :	Usage Time SLS (min): 1155
293: [PFS INFO] :	

Homing Support: Yes

294: [PFS INFO]:

295:	[PFS INFO]:	Homing Torque (%): 0.2
296:	[PFS INFO] :	Low Limit Homing Offset (mm): 1.265
297:	[PFS INFO]:	Hi. Limit Homing Offset (mm): 3.043
298:	[PFS INFO]:	Act. Limit Homing Offset (mm): 2.22565
299:	[PFS INFO] :	Exposure Operating Torque(%): 0.95
300:	[PFS INFO] :	Drill Operating Torque(%): 0.65
301:	[PFS INFO] :	Low. Traverse Range (mm): 17.5
302:	[PFS INFO] :	Hi. Traverse Range (mm): 21.5
303:	[PFS INFO] :	Tool Drill Nominal RPM: 60000
304:	[PFS INFO] :	MM per Ticks Resolution: 0.001238
305:	[PFS INFO] :	=======================================
306:	[PFS INFO] :	
307:	[PFS INFO] :	
308:		ROR] : (AssertToolConfiguration) : ToolController TOOL Exception caught: assertControllerFault Error
		Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
		Proximity Range [mm]: 0
		<del></del>
	[PFS INFO] :	
	[PFS INFO] :	
314:	[PFS INFO] :	

Name: PFSControllerBox\_DuoEthernet

315: [PFS INFO]:

316: [PFS INFO]:
317: [PFS INFO]: Tool Controller State: FAULT
318: [PFS INFO] : ============
319: [PFS INFO] :
320: [PFS INFO] : PFSTool not available
321: [PFS INFO] : PFSWorkpiece not available
322: [PFS INFO] : ===================================
323: [PFS INFO] : Controller name:
324: [PFS INFO]: Controller firmware version: CORI-v1.4.0.7
325: [PFS INFO]: ====================================
326: [PFS INFO] :
327: [PFS INFO] :
328: [PFS INFO]: ====================================
329: [PFS INFO]: Tool Part Number: 110310
330: [PFS INFO] : Tool Serial Number: SN000202
331: [PFS INFO] :
332: [PFS INFO] : Use Count: 18
333: [PFS INFO]: Usage Count SLS: 16
334: [PFS INFO] : Usage Time (min): 1158
335: [PFS INFO]: Usage Time SLS (min): 1155
336: [PFS INFO] :

337: [PFS INFO]: Homing Support: Yes 338: [PFS INFO]: Homing Torque (%): 0.2 339: [PFS INFO]: Low Limit Homing Offset (mm): 1.265 340: [PFS INFO]: Hi. Limit Homing Offset (mm): 3.043 341: [PFS INFO]: Act. Limit Homing Offset (mm): 2.22565 342: [PFS INFO]: Exposure Operating Torque(%): 0.95 343: [PFS INFO]: Drill Operating Torque(%): 0.65 344: [PFS INFO]: Low. Traverse Range (mm): 17.5 345: [PFS INFO]: Hi. Traverse Range (mm): 21.5 346: [PFS INFO]: Tool Drill Nominal RPM: 60000 347: [PFS INFO]: MM per Ticks Resolution: 0.001238 348: [PFS INFO]: ============= 349: [PFS INFO]: 350: [PFS INFO]: [0mLOG: NAVIO@ ERROR : Exception caught : ToolController TOOL Exception caught: assertControllerFault -- Error message:BAD\_EXPOSURE\_POSITION\_SENSOR [0x40] 352: [0m(assertControllerFault) BAD\_EXPOSURE\_POSITION\_SENSOR [0x40] (/home/jenkins/agent/workspace/Release/optimus-releaseTools/git-projects/Libraries/Device/libToolController/lib/ToolController.cpp:4445) 353: [0m[PFS INFO] : PFS TOOL error : Must re-IdentifyTool 354: [PFS INFO]: ========== 355: [PFS INFO]: PFS State: PFS\_STATE\_INITIALIZED

356: [PFS INFO]: Exposure Strategy: PROJECTIVE AGGRESSIVE

357: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
358: [PFS INFO] :	Proximity Range [mm]: 20
359: [PFS INFO] :	
360: [PFS INFO] :	WASTE Distance : 5.76044
361: [PFS INFO] :	SPARE Distance : 10000
362: [PFS INFO] :	GUARD Distance : 11.7607
363: [PFS INFO] :	
364: [PFS INFO] :	=======================================
365: [PFS INFO] :	
366: [PFS INFO] :	
367: [PFS INFO] :	=======================================
368: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet
369: [PFS INFO] :	
370: [PFS INFO] :	Tool Controller State: FAULT
371: [PFS INFO] :	=======================================
372: [PFS INFO] :	
373: [PFS INFO] : I	PFSTool not available
374: [PFS INFO] :	
375: [PFS INFO] :	Dimension : 158 x 113 x 161
376: [PFS INFO] :	Resolution [mm]: 0.50 0.50 0.50

377: [PFS INFO] : Origin [mm] : -39.77 -26.50 -56.73

378: [PFS INFO] :	Size [mm] : 79.00 56.50 80.50
379: [PFS INFO] :	IsoValue : 128
380: [PFS INFO] :	
381: [PFS INFO] :	Total SPARE Voxel Count : 561037
382: [PFS INFO] :	Total WASTE Voxel Count : 242357
383: [PFS INFO] :	SPARE Voxel Count : 561033
384: [PFS INFO] :	WASTE Voxel Count : 237673
385: [PFS INFO] :	
386: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
387: [PFS INFO] :	
388: [PFS INFO] :	
389: [PFS INFO] :	
390: [PFS INFO] :	
391: [PFS INFO] :	Controller name:
392: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
393: [PFS INFO] :	
394: [PFS INFO] :	
395: [PFS INFO] :	
396: [PFS INFO] :	
397: [PFS INFO] :	Tool Part Number: 110310
398: [PFS INFO] :	Tool Serial Number: SN000170

399: [PFS INFO] :	<del></del>		
400: [PFS INFO] :	Use Count: 9		
401: [PFS INFO] :	Usage Count SLS: 6		
402: [PFS INFO] :	Usage Time (min): 1350		
403: [PFS INFO] :	Usage Time SLS (min): 1222		
404: [PFS INFO] :			
405: [PFS INFO] :	Homing Support: Yes		
406: [PFS INFO] :	Homing Torque (%): 0.2		
407: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265		
408: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043		
409: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238		
410: [PFS INFO] :	Exposure Operating Torque(%): 0.95		
411: [PFS INFO] :	Drill Operating Torque(%): 0.65		
412: [PFS INFO] :	Low. Traverse Range (mm): 17.5		
413: [PFS INFO] :	Hi. Traverse Range (mm): 21.5		
414: [PFS INFO] :	Tool Drill Nominal RPM: 60000		
415: [PFS INFO] :	MM per Ticks Resolution: 0.001238		
416: [PFS INFO] : =			
417: [PFS INFO] :			
418: [PFS INFO] :			
419: [PFS ERROR] : (KeepAlive) : ToolController TOOL Exception caught: KeepAlive / assertControllerFault Error message:BAD_EXPOSURE_POSITION_SENSOR [0x40] (PFSControllerBox_DuoEthernet.cpp:320)			

420: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
421: [PFS INFO] :	Proximity Range [mm]: 20
422: [PFS INFO] :	
423: [PFS INFO] :	WASTE Distance : 5.76044
424: [PFS INFO] :	SPARE Distance : 10000
425: [PFS INFO] :	GUARD Distance : 11.7607
426: [PFS INFO] :	
427: [PFS INFO] :	=======================================
428: [PFS INFO] :	
429: [PFS INFO] :	
430: [PFS INFO] :	=======================================
431: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet
432: [PFS INFO] :	
433: [PFS INFO] :	Tool Controller State: FAULT
434: [PFS INFO] :	=======================================
435: [PFS INFO] :	
436: [PFS INFO] :	PFSTool not available
437: [PFS INFO] :	
438: [PFS INFO] :	Dimension : 158 x 113 x 161
439: [PFS INFO] :	Resolution [mm]: 0.50 0.50 0.50
440: [PFS INFO] :	Origin [mm] : -39.77 -26.50 -56.73

441: [PFS INFO] :	Size [mm] : 79.00 56.50 80.50
442: [PFS INFO] :	IsoValue : 128
443: [PFS INFO] :	
444: [PFS INFO] :	Total SPARE Voxel Count : 561037
445: [PFS INFO] :	Total WASTE Voxel Count : 242357
446: [PFS INFO] :	SPARE Voxel Count : 561033
447: [PFS INFO] :	WASTE Voxel Count : 237673
448: [PFS INFO] :	
449: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
450: [PFS INFO] :	
451: [PFS INFO] :	
452: [PFS INFO] :	
453: [PFS INFO] :	
454: [PFS INFO] :	Controller name:
455: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
456: [PFS INFO] :	
457: [PFS INFO] :	
458: [PFS INFO] :	
459: [PFS INFO] :	
460: [PFS INFO] :	Tool Part Number: 110310
461: [PFS INFO] :	Tool Serial Number: SN000170

462: [PFS INFO] :				
463: [PFS INFO] :	Use Count: 9			
464: [PFS INFO] :	Usage Count SLS: 6			
465: [PFS INFO] :	Usage Time (min): 1350			
466: [PFS INFO] :	Usage Time SLS (min): 1222			
467: [PFS INFO] :				
468: [PFS INFO] :	Homing Support: Yes			
469: [PFS INFO] :	Homing Torque (%): 0.2			
470: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265			
471: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043			
472: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238			
473: [PFS INFO] :	Exposure Operating Torque(%): 0.95			
474: [PFS INFO] :	Drill Operating Torque(%): 0.65			
475: [PFS INFO] :	Low. Traverse Range (mm): 17.5			
476: [PFS INFO] :	Hi. Traverse Range (mm): 21.5			
477: [PFS INFO] :	Tool Drill Nominal RPM: 60000			
478: [PFS INFO] :	MM per Ticks Resolution: 0.001238			
479: [PFS INFO] :				
480: [PFS INFO] :				
481: [PFS INFO] :				
482:	[0m(assertControllerFault)	:	BAD_EXPOSURE_POSITION_SENSOR	[0x40]

(/home/jenkins/agent/workspace/Release/optimus-releaseTools/git-projects/Libraries/Device/libToolController/lib/ToolController.cpp:4445)

483: [0m[PFS INFO] : PFS TOOL error : Must re-IdentifyTool		
484: [PFS INFO]: ===========		
485: [PFS INFO] : PFS State: PFS_STATE_INITIALIZED		
486: [PFS INFO] : Exposure Strategy: PROJECTIVE AGGRESSIVE		
487: [PFS INFO]: Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED		
488: [PFS INFO]: Proximity Range [mm]: 4.55856e-41		
489: [PFS INFO] : ===========		
490: [PFS INFO] :		
491: [PFS INFO] :		
492: [PFS INFO] : ============		
493: [PFS INFO] : Name : PFSControllerBox_DuoEthernet		
494: [PFS INFO] :		
495: [PFS INFO] : Tool Controller State: FAULT		
496: [PFS INFO]: ============		
497: [PFS INFO] :		
498: [PFS INFO] : PFSTool not available		
499: [PFS INFO] : PFSWorkpiece not available		
500: [PFS INFO]: ============		
501: [PFS INFO]: Controller name:		
502: [PFS INFO]: Controller firmware version: CORI-v1.4.0.7		
503: [PFS INFO]: =============		

504: [PFS INFO] :	
505: [PFS INFO] :	
506: [PFS INFO] :	
507: [PFS INFO] :	Tool Part Number: 110310
508: [PFS INFO] :	Tool Serial Number: SN000170
509: [PFS INFO] :	
510: [PFS INFO] :	Use Count: 9
511: [PFS INFO] :	Usage Count SLS: 6
512: [PFS INFO] :	Usage Time (min): 1350
513: [PFS INFO] :	Usage Time SLS (min): 1222
514: [PFS INFO] :	
515: [PFS INFO] :	Homing Support: Yes
516: [PFS INFO] :	Homing Torque (%): 0.2
517: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
518: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
519: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238
520: [PFS INFO] :	Exposure Operating Torque(%): 0.95
521: [PFS INFO] :	Drill Operating Torque(%): 0.65
522: [PFS INFO] :	Low. Traverse Range (mm): 17.5
523: [PFS INFO] :	Hi. Traverse Range (mm): 21.5
524: [PFS INFO] :	Tool Drill Nominal RPM: 60000

525: [PFS INFO] :	MM per Ticks Resolution: 0.001238
526: [PFS INFO] :	
527: [PFS INFO] :	
528: [PFS INFO] :	
	RROR] : (AssertToolConfiguration) : ToolController TOOL Exception caught: assertControllerFault Error POSURE_POSITION_SENSOR [0x40] (PFSControllerBox_DuoEthernet.cpp:140)
530: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
531: [PFS INFO] :	Proximity Range [mm]: 4.55856e-41
532: [PFS INFO] :	
533: [PFS INFO] :	
534: [PFS INFO] :	
535: [PFS INFO] :	=======================================
536: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet
537: [PFS INFO] :	
538: [PFS INFO] :	Tool Controller State: FAULT
539: [PFS INFO] :	
540: [PFS INFO] :	
541: [PFS INFO] :	PFSTool not available
542: [PFS INFO] :	PFSWorkpiece not available
543: [PFS INFO] :	
544: [PFS INFO] :	Controller name:

545: [PFS INFO]: Controller firmware version: CORI-v1.4.0.7

546: [PFS INFO] :	
547: [PFS INFO] :	
548: [PFS INFO] :	
549: [PFS INFO] :	
550: [PFS INFO] :	Tool Part Number: 110310
551: [PFS INFO] :	Tool Serial Number: SN000170
552: [PFS INFO] :	
553: [PFS INFO] :	Use Count: 9
554: [PFS INFO] :	Usage Count SLS: 6
555: [PFS INFO] :	Usage Time (min): 1350
556: [PFS INFO] :	Usage Time SLS (min): 1222
557: [PFS INFO] :	
558: [PFS INFO] :	Homing Support: Yes
559: [PFS INFO] :	Homing Torque (%): 0.2
560: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
561: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
562: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238
563: [PFS INFO] :	Exposure Operating Torque(%): 0.95
564: [PFS INFO] :	Drill Operating Torque(%): 0.65
565: [PFS INFO] :	Low. Traverse Range (mm): 17.5
566: [PFS INFO] :	Hi. Traverse Range (mm): 21.5

567:	[PFS INFO]:	Tool Drill Nominal RPM: 60000	
568:	[PFS INFO] :	MM per Ticks Resolution: 0.001238	
569:	[PFS INFO]:	=======================================	
570:	[PFS INFO]:		
571:	[PFS INFO] :		
572:		[0m(assertControllerFault) : BAD_EXPOSURE_POSITION_SENSOR	[0x40]
(/hoi	me/jenkins/age	ent/workspace/Release/optimus-releaseTools/git-projects/Libraries/Device/libToolController/lib/ToolController.cpp:4445)	
573:	[0m[PFS INF	O] : PFS TOOL error : Must re-IdentifyTool	
574:	[PFS INFO]:		
575:	[PFS INFO]:	PFS State: PFS_STATE_INITIALIZED	
576:	[PFS INFO] :	Exposure Strategy: PROJECTIVE AGGRESSIVE	
577:	[PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED	
578:	[PFS INFO]:	Proximity Range [mm]: 20	
579:	[PFS INFO] :		
580:	[PFS INFO] :	WASTE Distance : 9.53497	
581:	[PFS INFO] :	SPARE Distance : 10000	
582:	[PFS INFO] :	GUARD Distance : 11.7766	
583:	[PFS INFO] :		
584:	[PFS INFO] :	=======================================	
585:	[PFS INFO]:		
586:	[PFS INFO] :		

587: [PFS INFO]: =============

588: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet
589: [PFS INFO] :	
590: [PFS INFO] :	Tool Controller State: FAULT
591: [PFS INFO] :	=======
592: [PFS INFO] :	
593: [PFS INFO] :	PFSTool not available
594: [PFS INFO] :	
595: [PFS INFO] :	Dimension : 158 x 113 x 161
596: [PFS INFO] :	Resolution [mm]: 0.50 0.50 0.50
597: [PFS INFO] :	Origin [mm] : -39.77 -26.50 -56.73
598: [PFS INFO] :	Size [mm] : 79.00 56.50 80.50
599: [PFS INFO] :	IsoValue : 128
600: [PFS INFO] :	
601: [PFS INFO] :	Total SPARE Voxel Count : 561037
602: [PFS INFO] :	Total WASTE Voxel Count : 242357
603: [PFS INFO] :	SPARE Voxel Count : 561033
604: [PFS INFO] :	WASTE Voxel Count : 237066
605: [PFS INFO] :	
606: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
607: [PFS INFO] :	
608: [PFS INFO] :	

609: [PFS INFO] :	
610: [PFS INFO] :	
611: [PFS INFO] :	Controller name:
612: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
613: [PFS INFO] :	=======================================
614: [PFS INFO] :	
615: [PFS INFO] :	
616: [PFS INFO] :	
617: [PFS INFO] :	Tool Part Number: 110310
618: [PFS INFO] :	Tool Serial Number: SN000170
619: [PFS INFO] :	
620: [PFS INFO] :	Use Count: 10
621: [PFS INFO] :	Usage Count SLS: 7
622: [PFS INFO] :	Usage Time (min): 1350
623: [PFS INFO] :	Usage Time SLS (min): 1222
624: [PFS INFO] :	
625: [PFS INFO] :	Homing Support: Yes
626: [PFS INFO] :	Homing Torque (%): 0.2
627: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
628: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
629: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238

630: [PFS INFO] :	Exposure Operating Torque(%): 0.95
631: [PFS INFO] :	Drill Operating Torque(%): 0.65
632: [PFS INFO] :	Low. Traverse Range (mm): 17.5
633: [PFS INFO] :	Hi. Traverse Range (mm): 21.5
634: [PFS INFO] :	Tool Drill Nominal RPM: 60000
635: [PFS INFO] :	MM per Ticks Resolution: 0.001238
636: [PFS INFO] :	=======================================
637: [PFS INFO] :	
638: [PFS INFO] :	
	ROR] : (SetSpeed) : ToolController TOOL Exception caught: SetDrillMaxSpeed / assertControllerFault Error POSURE_POSITION_SENSOR [0x40] (PFSControllerBox_DuoEthernet.cpp:218)
640: [PFS INFO] :	Random Exposure Mode: RANDOM_EXPOSURE_MODE_DISABLED
641: [PFS INFO] :	Proximity Range [mm]: 20
642: [PFS INFO] :	
643: [PFS INFO] :	WASTE Distance : 9.53497
644: [PFS INFO] :	SPARE Distance : 10000
645: [PFS INFO] :	GUARD Distance: 11.7766
646: [PFS INFO] :	
647: [PFS INFO] :	
648: [PFS INFO] : 649: [PFS INFO] :	

651: [PFS INFO] :	Name : PFSControllerBox_DuoEthernet
652: [PFS INFO] :	
653: [PFS INFO] :	Tool Controller State: FAULT
654: [PFS INFO] :	
655: [PFS INFO] :	
656: [PFS INFO] :	PFSTool not available
657: [PFS INFO] :	
658: [PFS INFO] :	Dimension : 158 x 113 x 161
659: [PFS INFO] :	Resolution [mm]: 0.50 0.50 0.50
660: [PFS INFO] :	Origin [mm] : -39.77 -26.50 -56.73
661: [PFS INFO] :	Size [mm]: 79.00 56.50 80.50
662: [PFS INFO] :	IsoValue : 128
663: [PFS INFO] :	
664: [PFS INFO] :	Total SPARE Voxel Count : 561037
665: [PFS INFO] :	Total WASTE Voxel Count : 242357
666: [PFS INFO] :	SPARE Voxel Count : 561033
667: [PFS INFO] :	WASTE Voxel Count : 237066
668: [PFS INFO] :	
669: [PFS INFO] :	Proximity Boundary Algorithm : SINGLE Threaded
670: [PFS INFO] :	
671: [PFS INFO] :	

672: [PFS INFO] :	
673: [PFS INFO] :	
674: [PFS INFO] :	Controller name:
675: [PFS INFO] :	Controller firmware version: CORI-v1.4.0.7
676: [PFS INFO] :	=======================================
677: [PFS INFO] :	
678: [PFS INFO] :	
679: [PFS INFO] :	
680: [PFS INFO] :	Tool Part Number: 110310
681: [PFS INFO] :	Tool Serial Number: SN000170
682: [PFS INFO] :	
683: [PFS INFO] :	Use Count: 10
684: [PFS INFO] :	Usage Count SLS: 7
685: [PFS INFO] :	Usage Time (min): 1350
686: [PFS INFO] :	Usage Time SLS (min): 1222
687: [PFS INFO] :	
688: [PFS INFO] :	Homing Support: Yes
689: [PFS INFO] :	Homing Torque (%): 0.2
690: [PFS INFO] :	Low Limit Homing Offset (mm): 1.265
691: [PFS INFO] :	Hi. Limit Homing Offset (mm): 3.043
692: [PFS INFO] :	Act. Limit Homing Offset (mm): 2.29238

(/home/jenkins/age	nt/workspace/Release/optimus-releaseTo	ools/git-projects/Libra	ries/Device/libToolController/lib/ToolController.cpp:44	145)
702:	(assertControllerFault)	:	BAD_EXPOSURE_POSITION_SENSOR	[0x40]
701: [PFS INFO] :				
700: [PFS INFO] :				
699: [PFS INFO] :				
698: [PFS INFO] :	MM per Ticks Resolution: 0.001238			
697: [PFS INFO] :	Tool Drill Nominal RPM: 60000			
696: [PFS INFO] :	Hi. Traverse Range (mm): 21.5			
695: [PFS INFO] :	Low. Traverse Range (mm): 17.5			
694: [PFS INFO] :	Drill Operating Torque(%): 0.65			
693: [PFS INFO] :	Exposure Operating Torque(%): 0.95			