

71B

SAL

P4

2022-008

1000 m

bot 4

394B

SAL

P22

2022-008

2500 m

bot 4

425B

SAL

P24

2022-008

1500 m

bot 7

182B

SAL

P12

2022-008

2500 m

bot 4

186B

SAL

P12

2022-008

1000 m

bot 8

422B

SAL

P24

2022-008

2500 m

bot 4

227B

SAL

P14

2022-008

2250 m

bot 4

AUTOSAL ANALYSIS LOGSHEET

7/8

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>2 Sept 2022</u>
Autosal Model: _____	Serial Number: _____	
Initial Standby Value: <u>24+5986</u>	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____ After: _____ Notes: _____	K ₁₅ VALUE: 0.999 _____ Batch #: _____ Batch Date: _____
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>22</u> °C Analyst: <u>XS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
427	P24	9	1.96769	1.96769		34.3657
421	P24	3	1.98236	1.98238	1.98240	24.6541
420	P24		1.98306	1.98306		32.34.6674
Note, first 3 reads did not store took another 2, very stable & same as b/c so kept them						
5081	P25	3	1.86109	1.86108		32.2838
392	P22	2	1.98304	1.98307	1.98306	34.6673
5083	Underway		1.86089	1.86089		32.2798
423	P24	5	1.97862	1.97859	1.97861	34.5798
426	P24		1.97164	1.97161	1.97161	34.4426
393	P22	3	1.98222	1.98222		24.6506
424	P24	6	1.97694	1.97695		34.5472
5079	Underway		1.86050	1.86060	1.86059	34.6506 32.2742
428	P24		last correction			34.5472 32.2742
481B	P26	9	1.96750	1.96750		32.2742 34.3618
114B	P8	1	1.97892	1.97890		34.5857
310B	P18	4	1.98123	1.98124		34.6316
313B	P18	7	1.97419	1.97419		34.4933
350B	P20	5	1.98088	1.98087		34.6244
397B	P22	7	1.97426	1.97437	1.97441	34.4971
230B	P14	7	1.97492	1.97492		34.5077
275B	P16	4	1.98227	1.98227		34.6519
514B	H91	2	1.97102	1.97104		34.4311
477B	P26	5	1.98106	1.98109		34.6284
279B	P16	8	1.97135	1.97135		34.4373
117B	P8	4	1.96980	1.96982		Final Standby Value:
354B	P20	9	1.96735	1.96733	1.96733	<u>24+5986</u>

Notes: _____

427 SAL P24 2022-008 1000 m bot 9	421 SAL P24 2022-008 3000 m bot 3	420 SAL P24 2022-008 3500 m bot 2	5081 SAL P25 2022-008 Loop m bot 3	392 SAL P22 2022-008 3500 m bot 2	5083 Sal underway 2022-008 loop m bot 1	423 SAL P24 2022-008 2000 m bot 5	426 SAL P24 2022-008 1250 m bot 8	393 SAL P22 2022-008 3000 m bot 3
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424 SAL P24 2022-008 1750 m bot 6	5079 Sal underway 2022-008 loop m bot 1	481B Sal P26 2022-008 1000 m bot 9	114B SAL P8 2022-008 2000 m bot 1	310B SAL P18 2022-008 2500 m bot 4	313B SAL P18 2022-008 1500 m bot 7	350B Sal P20 2022-008 2500 m bot 5	397B SAL P22 2022-008 1500 m bot 7	230B SAL P14 2022-008 1500 m bot 7
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275B Sal P16 2022-008 3000 m bot 4	514B SAL Hal 2022-008 1250 m bot 2	477B Sal P26 2022-008 2500 m bot 5	279B Sal P16 2022-008 1250 m bot 8	117B SAL P8 2022-008 1000 m bot 4	354B Sal P20 2022-008 1000 m bot 9
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AUTOSAL ANALYSIS LOGSHEET

6/8

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>2 SEPT 2022</u>
Autosal Model: _____	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24+5985</u>	Ratio After Standardization: <u>0.999848</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: <u>4.85</u> After: <u>4.85</u> Notes: <u>No Change</u>	K ₁₅ VALUE: 0.999 <u>86</u> Batch #: <u>P165</u> Batch Date: <u>15AP2024</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>22.2</u> °C Analyst: <u>HS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
P165	Calibration		1.99969			
P165	SAMPLE		1.99969	1.99969		PSU 34.9946 ✓
230A	P14	7	1.97496	1.97495		34.5079
223	P13	1	1.95783	1.95783		32.2205
227A	P14	4	1.98006	1.98006		34.6086
181	P12	3	1.98197	1.98198		34.6461
422A	P24	4	1.98093	1.98093		34.6254
226	P14	3	1.981167	1.98117		34.6303
186A	P12	8	1.96785	1.96785		34.3687
201	P12	23	1.85396	1.85398	1.85398	32.1456
162	P24	1	1.83760	1.83760		32.1456 31.9277
394A	P22	4	1.98090	1.98092	1.98091	32.4836 34.6252
213	P12	15	1.87137	1.87136		32.4836
425A	P24	7	1.97448	1.97448	1.97448	34.4988
5047	undrney		1.85602	1.85601		32.1853
182A	P12	4	1.98081	1.98082		34.6231
224	P14	1	1.98250	1.98250		34.6563
183	P12	5	1.97905	1.97906		34.5887
228	P14	5	1.97890	1.97893	1.97889	34.5856
218	P12	15	1.96081	1.96081		34.2507
180	P12	2	1.98198	1.98198		34.6462
185	P12	7	1.97222	1.97222		34.4545
225	P14	2	1.98214	1.98213		34.6490
OWR	P23		1.97862	1.97862		34.5802
OWR	P23		1.97857	1.97856	1.97856	Final Standby Value:
443	P25	1	1.86111	1.86106	1.86106	<u>24+5985</u>

Notes: _____

230A SAL P14 2022-008 1500 m bot 7	223 SAL P13 2022-008 5 m bot 1	227A SAL P14 2022-008 2250 m bot 4	181 SAL P12 2022-008 3000 m bot 3	422A SAL P24 2022-008 2500 m bot 4	226 SAL P14 2022-008 2500 m bot 3	186A SAL P12 2022-008 1000 m bot 8	201 PIC P12 2022-008 5 m bot 23	162 SAL P9 2022-008 5 m bot 1
394A SAL P22 2022-008 2500 m bot 4	213 Sal P12 2022-008 100 m bot r5	425A SAL P24 2022-008 1500 m bot 7	5047 Sal underway 2022-008 loop m bot 1	182A SAL P12 2022-008 2500.m bot 4	224 SAL P14 2022-008 Bot-10 m bot 1	183 SAL P12 2022-008 2000 m bot 5	228 SAL P14 2022-008 2000 m bot 5	218 Sal P12 2022-008 800 m bot r5
180 SAL P12 2022-008 3000 m bot 2	185 SAL P12 2022-008 1250 m bot 7	225 SAL P14 2022-008 3000 m bot 2	443 SAL P25 2022-008 5 m bot 1					

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Water Properties Group

Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>1 SEPT 2022</u>
Autosal Model: _____	Serial Number: _____	
Initial Standby Value: <u>24+5986</u>	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____	K ₁₅ VALUE: <u>0.999</u>
	After: <u>/</u>	Batch #: <u>/</u>
	Notes: _____	Batch Date: _____
		Bath Temperature: <u>24</u> °C
		Sample Temperature: _____ °C
		Room Temperature: <u>21</u> °C
		Analyst: <u>HS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
DWR	P23 2022-008	2005		1.97860	1.97859	PSU 34.5803
315	P18	9	1.96742	1.96742		34.3605
280	P16	9	1.96681	1.96691		34.3504
5061	P17	3	1.86225	1.86225	1.86225	32.3069
313A	P18	7	1.97423	1.97424		34.4949
474	P26	2	1.98354	1.98355		34.6774
481A	P26	9	1.96751	1.96751		34.67 34.3625
513	HAL		1.97459	1.97459		34.5015
476	P26	4	1.98231	1.98232		34.6533
500	P26	5	1.97433	1.97432	1.97433	34.4965
508	P26	15	1.88773	1.88772		32-8024
523	HAL	11	1.80342	1.80342		31.1663
480	P26	8	1.97148	1.97148		34.4404
5102	HAL		1.80337	1.80335		31.1653
475	P26		1.98311	1.98313		34.6695
514A	HAL		1.97094	1.97094	1.97094	34.4299
478	P26	6	1.97860	1.97862		34.5806
479	P26	7	1.97440	1.97448	1.97441	34.4984
5100	Underway		1.86131	1.86132		Leaky insert. 32.2886
5099	Underway		1.85888	1.85888		
477A	P26		1.98102	1.98101		Insert NOT fully seated.
505	P26	5	1.94864	1.94864		Insert NOT seated!!
515	HAL	3	1.96739	1.96738		34.3602
184	P12		1.97508	1.97509		34.5112
5048	P13	3	1.85780	1.85782	32.2207	Final Standby Value:
229	P14	6	1.97730	1.97732	1.97730	<u>24+5986</u>

Notes: _____

315
SAL
P18
2022-008
1000 m
bot 9

280
Sal
P16
2022-008
1000 m
bot 9

5061
SAL
P17
2022-008
Loop m
bot 3

313A
SAL
P18
2022-008
1500 m
bot 7

474
Sal
P26
2022-008
4000 m
bot 2

481A
Sal
P26
2022-008
1000 m
bot 9

513
SAL
Hal
2022-008
1500 m
bot 1

476
Sal
P26
2022-008
3000 m
bot 4

500
Sal
P26
2022-008
1500 m
bot 5

508
Sal
P26
2022-008
100 m
bot r5

523
SAL
Hal
2022-008
5 m
bot 11

480
Sal
P26
2022-008
1250 m
bot 8

5102
SAL
Hal
2022-008
Loop m
bot 13

475
Sal
P26
2022-008
3500 m
bot 3

514A
SAL
Hal
2022-008
1250 m
bot 2

478
Sal
P26
2022-008
2000 m
bot 6

479
Sal
P26
2022-008
1500 m
bot 7

5100
Sal
underway
2022-008
loop m
bot 1

5099
Sal
underway
2022-008
loop m
bot 1

477A
Sal
P26
2022-008
2500 m
bot 5

505
Sal
P26
2022-008
400 m
bot 5

515
SAL
Hal
2022-008
1000 m
bot 3

184
SAL
P12
2022-008
1500 m
bot 6

5048
SAL
P13
2022-008
Loop m
bot 3

229
SAL
P14
2022-008
1750 m
bot 6

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>1 SEPT 2022</u>
Autosal Model: _____	Serial Number: <u>73274</u>	
Initial Standby Value: <u>24.5986</u>	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard 	Before: _____	K ₁₅ VALUE: 0.999 _____
	After: _____	Batch #: _____
	Notes: _____	Batch Date: _____
		Bath Temperature: <u>24</u> °C
		Sample Temperature: _____ °C
		Room Temperature: <u>21</u> °C
		Analyst: <u>HS</u>

Sample	Station Name	Depth/Misk#	Salinity 1	Salinity 2	Salinity 3	Comments
DWR	P23 2022-008	2005m	1.97855	1.97854		34.5793
239	P14	16	1.93526	1.93527		33.7513
231	P14	8	1.97207	1.97205		34.4518
247	P14	24	1.85766	1.85764	1.85764	32.2174
248	P15	1	1.85407	1.85407		32.2171480
242	P14	19	1.87892	1.87890		NO insert! WTF
237	P14	14	1.93914	1.93915		33.8068
245	P14	22	1.85781	1.85780		33.8068 32.2206
276	P16	5	1.98087	1.98086		32.2006 34.6246
234	P14	11	1.95646	1.95646		34.1459
278	P16	7	1.97409	1.97416	1.97420	34.4935
301	P16	15	1.87584	1.87582		32.5710
312	P18	6	1.97659	1.97655	1.97658	34.5406
308	P18	2	1.98295	1.98295		34.6659
314	P18	8	1.97129	1.97129		34.4366
277	P16	6	1.97847	1.97846		34.5778
5060	Underway		1.86309	1.86309		32.3232
279A	P16	8	1.97123	1.97121		34.4356
306	P17	1	1.86215	1.86215		32.3047
275A	P16	4	1.98228	1.98229		34.6526
30A	P18	4	1.98108	1.98106		34.6288
5063	Underway		1.85748	1.85748		32.2138
296	P16	15	1.96041	1.96041		34.2229
281	P16	10	1.96261	1.96260		34.2664
311	P18	5	1.97866	1.97866	34.5915	Final Standby Value: <u>24.5985/6</u>
309	P18	3	1.98236	1.98235	34.6539	

Notes: use same calibration as yesterday. DWR Bang on!!
Someone keeps leaving inserts off, very bad improper preservation.

239 SAL P14 2022-008 175 m bot 16	231 SAL P14 2022-008 1250 m bot 8	247 SAL P14 2022-008 5 m bot 24	248 SAL P15 2022-008 5 m bot 1	242 SAL P14 2022-008 100 m bot 19	237 SAL P14 2022-008 250 m bot 14	245 SAL P14 2022-008 25 m bot 22	276 Sal P16 2022-008 2500 m bot 5	234 SAL P14 2022-008 600 m bot 11
278 Sal P16 2022-008 1500 m bot 7	301 Sal P16 2022-008 100 m bot r5	312 SAL P18 2022-008 1750 m bot 6	308 SAL P18 2022-008 3500 m bot 2	314 SAL P18 2022-008 1250 m bot 8	277 Sal P16 2022-008 2000 m bot 6	5060 Sal underway 2022-008 loop m bot 1	279A Sal P16 2022-008 1250 m bot 8	306 SAL P17 2022-008 5 m bot 1
275A Sal P16 2022-008 3000 m bot 4	310A SAL P18 2022-008 2500 m bot 4	5063 Sal underway 2022-008 loop m bot 1	296 Sal P16 2022-008 800 m bot r5	281 Sal P16 2022-008 800 m bot 10	311 SAL P18 2022-008 2000 m bot 5	309 SAL P18 2022-008 3000 m bot 3		

233

SAL

P14

2022-008

800 m

bot 10

274

Sal

P16

2022-008

3500 m

bot 3

244

SAL

P14

2022-008

50 m

bot 21

236

SAL

P14

2022-008

300 m

bot 13

5050

Sal

underway

2022-008

loop m

bot 1

240

SAL

P14

2022-008

150 m

bot 17

273

Sal

P16

2022-008

3500 m

bot 2

232

SAL

P14

2022-008

1000 m

bot 9

243

SAL

P14

2022-008

75 m

bot 20

235

SAL

P14

2022-008

400 m

bot 12

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>31 Aug 2022</u>
Autosal Model: <u>723274</u>	Serial Number: _____	
Initial Standby Value: <u>24+5986</u>	Ratio After Standardization: _____	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: _____ After: _____ Notes: _____	K ₁₅ VALUE: <u>0.999</u> Batch #: _____ Batch Date: _____
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>22</u> °C Analyst: <u>HS</u>

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
118	P8	5	1.96460	1.96460		34.3050
113	P7	1	1.84210	1.84209		31.9155
72	P4	5	1.96296	1.96297		34.2732
116	P8	3	1.97201	1.97199		34.4505
5027	P5	3	1.84087	1.84083	1.84083	31.8915
71A	P4	4	1.96779	1.96819	1.96811	1.96810 34.3741
5034	P9	3	1.83762	1.83762		31.8285
86	P4	19	1.83547	1.83547		31.7869
88	P4	15	1.91454	1.91453		33.3253
Flow rate decreased, not sure why. Fiddled & flushed, back to 10/11.5, so good now						
DWR			1.97857	1.97856		31.5794
5008	JF4	1	1.77730	1.77730		31.5714 30.7007
5029	P7	3	1.84253	1.84251		31.9236
70	P4	3	1.97250	1.97251		34.4606
117A	P8	4	1.96945	1.96946		34.4005 last connection
114A	P8	1	1.97891	1.97880		34.5861
93	P4	15	1.96019	1.96018		34.2184
5007	JF3	1	1.75602	1.75602		30.82521
115	P5 P8	2	1.97515	1.97516		34.5125
111	P5	1	1.84093	1.84093		31.8928
5026	Underway		1.83876	1.83878	1.83876	31.8509
869	P4	2	1.97251	1.97250		34.4606
246	P14	23	1.85760	1.85757		32.2161
238	P14	15	1.93734	1.93733		33.7710
5051	P15	3	1.85403	1.85404		Final Standby Value:
241	P14	18	1.90626	1.90626		<u>24+5986</u>

Notes:

Another sample without insert! Flagg Also dumped some out cause no insert grrr!

118 SAL P8 2022-008 800 m bot 5	113 SAL P7 2022-008 5 m bot 1	72 SAL P4 2022-008 800 m bot 5	116 SAL P8 2022-008 1250 m bot 3	5027 SAL P5 2022-008 Loop m bot 3	71A SAL P4 2022-008 1000 m bot 4	5034 SAL P9 2022-008 Loop m bot 3	86 SAL P4 2022-008 5 m bot 19	88 Sal P4 2022-008 100 m bot r5
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5008 Sal JF4 2022-008 loop m bot 1	5029 SAL P7 2022-008 Loop m bot 3	70 SAL P4 2022-008 1250 m bot 3	117A SAL P8 2022-008 1000 m bot 4	114A SAL P8 2022-008 2000 m bot 1	93 Sal P4 2022-008 800 m bot r5	5007 Sal JF3 2022-008 loop m bot 1	115 SAL P8 2022-008 1500 m bot 2	111 SAL P5 2022-008 5 m bot 1
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5026 Sal underway 2022-008 loop m bot 1	69 SAL P4 2022-008 1250 m bot 2	246 SAL P14 2022-008 10 m bot 23	238 SAL P14 2022-008 200 m bot 15	5051 SAL P15 2022-008 Loop m bot 3	241 SAL P14 2022-008 125 m bot 18
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AUTOSAL ANALYSIS LOGSHEET

Cruise ID: <u>2022-008</u>	Cast/Station Name: _____	Analysis Date (dd mmm yyyy): <u>31 Aug 2022</u>
Autosal Model: <u>73274</u>	Serial Number: _____	
Initial Standby Value: <u>24.5986/5</u>	Ratio After Standardization: <u>0.999839</u>	
Cell Standardization (Daily)	Standardization Values:	Standard Info.
Conductivity must be ± 0.00001 compared to Standard	Before: <u>4.85</u> After: <u>4.85</u> Notes: <u>NO change within range</u>	K ₁₅ VALUE: <u>0.99986</u> Batch #: <u>P165</u> Batch Date: <u>APR 2024</u>
		Bath Temperature: <u>24</u> °C Sample Temperature: _____ °C Room Temperature: <u>21.6</u> °C Analyst: <u>HS</u>

Sample	Station Name	Depth/Misk#	Salinity 1	Salinity 2	Salinity 3	Comments
<u>P165</u>	<u>Calibration</u>		<u>1.99989</u>			
	<u>SAMPLE</u>		<u>1.99970</u>	<u>1.999769</u>		<u>PSU 34.9949</u>
<u>396</u>	<u>P22</u>	<u>6</u>	<u>1.97687</u>	<u>1.97689</u>	<u>1.97688</u>	<u>34.5463</u>
<u>386</u>	<u>P20</u>	<u>15</u>	<u>1.87968</u>	<u>1.87968</u>		<u>32.6458</u>
<u>350A</u>	<u>P20</u>	<u>5</u>	<u>1.98085</u>	<u>1.98084</u>		
<u>399</u>	<u>P22</u>	<u>9</u>	<u>1.96780</u>	<u>1.96782</u>		
<u>353</u>	<u>P20</u>	<u>8</u>	<u>1.97133</u>	<u>1.97133</u>		
<u>5065</u>	<u>Underway</u>		<u>1.86126</u>	<u>1.86132</u>	<u>1.86139</u>	<u>1.86137</u> <u>lost connection</u>
<u>348</u>	<u>P20</u>	<u>3</u>	<u>1.98305</u>	<u>1.98305</u>		<u>34.6676</u>
<u>390</u>	<u>P21</u>	<u>1</u>	<u>1.85981</u>	<u>1.85981</u>		<u>32.2572</u>
<u>351</u>	<u>P20</u>	<u>6</u>	<u>1.97875</u>	<u>1.97875</u>		<u>34.5831</u>
<u>331</u>	<u>P19</u>	<u>1</u>	<u>1.86135</u>	<u>1.86134</u>		<u>32.2891</u>
<u>395</u>	<u>P22</u>	<u>5</u>	<u>1.97872</u>	<u>1.97873</u>		<u>34.5825</u>
<u>5075</u>	<u>P21</u>	<u>3</u>	<u>1.85970</u>	<u>1.85970</u>		<u>32.2572</u>
<u>397A</u>	<u>P22</u>	<u>7</u>	<u>1.97434</u>	<u>1.97434</u>		<u>34.4965</u>
<u>385</u>	<u>P20</u>	<u>15</u>	<u>1.96092</u>	<u>1.96092</u>		<u>34.2331</u>
<u>349</u>	<u>P20</u>	<u>4</u>	<u>1.98227</u>	<u>1.98229</u>		<u>34.6523</u>
<u>5076</u>	<u>Underway</u>		<u>1.85874</u>	<u>1.85875</u>		<u>32.2387</u>
<u>352</u>	<u>P20</u>	<u>7</u>	<u>1.97410</u>	<u>1.97409</u>	<u>1.97410</u>	<u>34.4919</u>
<u>5064</u>	<u>P19</u>	<u>3</u>	<u>1.86130</u>	<u>1.86130</u>		<u>32.2882</u>
<u>398</u>	<u>P22</u>	<u>8</u>	<u>1.97140</u>	<u>1.97142</u>		<u>34.4389</u>
<u>OWR</u>			<u>1.97855</u>	<u>1.97857</u>	<u>1.97856</u>	<u>34.5793</u>
<u>354A</u>	<u>P20</u>	<u>9</u>	<u>1.96735</u>	<u>1.96734</u>		<u>34.5912</u>
<u>347</u>	<u>P20</u>	<u>2</u>	<u>1.98306</u>	<u>1.98309</u>	<u>1.98312</u>	
<u>5004</u>	<u>JFI</u>	<u>1</u>	<u>1.76664</u>	<u>1.76665</u>		

Notes: File 2022-008

oops, no insert! FLAG, expect evaporation
SAL working very smoothly (1)

396 SAL P22 2022-008 1750 m bot 6	380 Sal P20 2022-008 100 m bot r5	350A Sal P20 2022-008 2500 m bot 5	399 SAL P22 2022-008 1000 m bot 9	353 Sal P20 2022-008 1250 m bot 8	5065 Sal underway 2022-008 loop m bot 1	348 Sal P20 2022-008 3500 m bot 3	390 SAL P21 2022-008 5 m bot 1	351 Sal P20 2022-008 2000 m bot 6
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331 SAL P19 2022-008 5 m bot 1	395 SAL P22 2022-008 2000 m bot 5	5075 SAL P21 2022-008 Loop m bot 3	397A SAL P22 2022-008 1500 m bot 7	385 Sal P20 2022-008 800 m bot r5	349 Sal P20 2022-008 3000 m bot 4	5076 Sal underway 2022-008 loop m bot 1	352 Sal P20 2022-008 1500 m bot 7	5064 SAL P19 2022-008 Loop m bot 3
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398 SAL P22 2022-008 1250 m bot 8	354A Sal P20 2022-008 1000 m bot 9	347 Sal P20 2022-008 3500 m bot 2	5004 Sal JF1 2022-008 Bot-5 m bot 1
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