

In Field Instrument Review
Date Range: 2022.10.25 – 2022.12.12
Review Completed on 2022.12.28 by Carlie Glaister

Status Messages and Action Taken

100344 (Juneau PD): 2/20 RFI on Subject Tests – No action taken.

100345 (North Pole PD): 7/22 RFI on Subject Tests, 3/22 Standard Out of Range on Subject Tests (2 were followed by a completed test, 1 was followed by an incomplete test, all tests had an elevated detector response). An email was sent to the Breath Test Supervisor to remind officers not to key radios within the vicinity of the DataMaster (100345 2022.12.27 Change In Status) – Recommend monitoring.

100352 (NSBPD): 1/1 Diagnostic Failed on VOC Tests due to an Internal Standard Error. This was followed by a completed VOC Test on 12/13/2022 – Recommend monitoring.

100355 (Homer PD): 1/21 RFI on Subject Tests, 1/21 Subject Interference on Subject Tests followed by a completed test – No action taken.

100358 (AST/Mat-Su West): 1/14 RFI on Subject Tests – No action taken.

100361 (Nome PD): 3/8 Standard Out of Range on Subject Tests, all 3 status messages occurred on the same subject. The instrument has completed tests occurring afterwards and this status message has not reoccurred during this time period – Recommend monitoring.

100364 (Anchorage Airport PD): 1/10 Blank Error on Subject Tests, 1/10 Internal Standard Error on Subject Tests, 2/10 Diagnostic Failed on Subject Tests due to the breath tube temperature being too low. Instrument was removed from service on 11/10/2022 due to the Diagnostic Failed status messages (100364 2022.11.10 Change In Status).

100367 (Seward PD): 1/7 Internal Standard Error on Subject Tests followed by a completed test – Recommend monitoring.

100370 (UAF PD): 1/4 Pump Error on Subject Tests, this occurred on a breath test labeled TEST – No action taken.

100380 (Ketchikan PD): 4/14 Subject Interference on Subject Tests, 1/14 Ambient Fail on Subject Tests. 2 Interference status messages occurred on one subject while the other 2 Interference status messages and Ambient Fail occurred a second subject – No action taken.

100385 (AST/Fairbanks): 1/19 RFI on Subject Tests – No action taken.

100387 (Palmer PD): 1/9 RFI on Subject Tests. Instrument was removed on 11/04/2022 due to an undefined error and unable to load ticket database (100387 2022.11.04 Change In Status).

100391 (AST/Willow): 1/4 Tank Interference on Subject Tests, followed by a completed test – No action taken.

100403 (Wasilla PD): 1/23 Blank Error on Subject Tests, 1/23 Ambient Fail on Subject Tests, both followed by completed tests – No action taken.

100413 (Fairbanks PD): 4/42 RFI on Subject Tests- No action taken.

100421 (JBER): 6/47 RFI on Subject Tests, 1/47 Subject Interference on Subject Tests, 2/47 Tank Interference on Subject Tests, 13/47 Blank Error on Subject Tests. 2 Tank Interference and 4 Blank Error status messages occurred on the same subject on 10/31/2022. This was followed by a breath test labeled TEST that completed on 11/1/2022. On 11/6/2022, 5 Blank Error status messages occurred on the same subject. This was followed by 6 breath tests labeled TEST, with an additional 4 Blank Error status messages. All Blank Error status messages occurred during/shortly after 2 subjects were tested numerous times and did not reoccur during this time period. An email was sent to the Breath Test Supervisor about repeated tests (100421 2022.12.27 Change In Status)– Recommend monitoring.

100668 (APD): 2/4 Tank Interference on VOC Tests. Breath Test Supervisor performed a tank change due to Tank Interference status messages (100668 2022.12.21 Change In Instrument Status) – Recommend monitoring.

100697 (APD): 1/127 RFI on Subject Tests, 1/127 Subject Interference on Subject Tests, 3/127 Blank Error on Subject Tests, 1/127 Standard Out of Range on Subject Tests. The Subject Interference, Blank Error and Standard Out of Range status messages were all followed by completed tests – No action taken.

100698 (AST/Glennallen): 1/10 RFI on Subject Tests, 2/10 Pump Error on Subject Tests. The Pump Error status messages both occurred on the same subject, followed by a completed test – No action taken.

100700 (Palmer PD): 5/30 RFI on Subject Tests – No action taken.

Follow Up from Previous In Field Instrument Review

100699 (Valdez PD): Monitored from 2022.07.19 – 2022.09.05 and 2022.09.06 – 2022.10.24 IFIR for blank error and standard out of range on subject tests of the same individual. These status messages did not recur during this time period – Discontinue monitoring.

Agencies not included in this summary:

100376 (AST/St Mary's) – Datafiles not received during the last 2 VOC cycles, last VOC received is from 9/12/2022.

100423 (Ft. Wainwright) – instrument has not been able to poll since 12/9/2022.

100424 (Eielson AFB) – Datafiles not received during the last 2 VOC cycles, last VOC received is from 9/5/2022.

100676 (Ft. Yukon PD) - Datafiles not received during the last 2 VOC cycles, last VOC received is from 9/5/2022.

100678 (Sand Point PD) – Datafiles not received for this VOC cycle.

100682 (Dillingham PD) - Datafiles not received during the last 2 VOC cycles, last VOC received is from 9/5/2022.

100690 (Clear AFB) – Instrument is polling normally; instrument is busy likely due to a status message on the screen that needs to be cleared. VOC has not been received at this time.

Subject Test Data

Serial Number	Total Subject Tests	Date Range								Total Tests		Total Messages		Total Codes						
		10/25/2022		12/12/2022		Blank Error		Standard Out of Range		Gas Flow Error	Ambient Fail	Internal Standard Error	Diagnostic Failed	Total Codes						
		RFI	Pump Error	Interference	Tank Interference	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
100344	20	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100345	22	7	32%	0	0%	0	0%	0	0%	3	14%	0	0%	0	0%	0	0%	0	0%	10
100355	21	1	5%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100358	14	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100361	8	0	0%	0	0%	0	0%	0	0%	3	38%	0	0%	0	0%	0	0%	0	0%	3
100364	10	0	0%	0	0%	0	0%	0	0%	1	10%	0	0%	0	0%	1	10%	2	20%	4
100367	7	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	1
100370	4	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100380	14	0	0%	0	0%	4	29%	0	0%	0	0%	0	0%	1	7%	0	0%	0	0%	5
100385	19	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100387	9	1	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100391	4	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100403	23	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	1	4%	0	0%	2
100413	42	4	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4
100421	47	6	13%	0	0%	1	2%	2	4%	13	28%	0	0%	0	0%	0	0%	0	0%	22
100697	127	1	1%	0	0%	1	1%	0	0%	3	2%	1	1%	0	0%	0	0%	0	0%	6
100698	10	1	10%	2	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3
100700	30	5	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5
Total	772	30	4%	3	0%	7	1%	3	0%	18	2%	7	1%	0	0%	2	0%	2	0%	74

The date range listed above represents the first and last dates of data generated from the DMHost report. The search range could be larger than the date range listed.

VOC Data

Serial Number	Total VOC Tests	RFI		Pump Error		Interference		Tank Interference		Date Range		Total Tests				Total Messages		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes
										10/27/2022	12/12/2022	89	3	3.4%										
100352	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	1
100668	4	0	0%	0	0%	0	0%	2	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
Total	89	0	0%	0	0%	0	0%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	1%	3

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