

**In Field Instrument Review**  
**Date Range: 2025.09.06 – 2025.10.24**  
**Review Completed on 2025.11.20 by C. O'Bryant**

**Status Messages and Action Taken**

**100342 (Unalaska DPS)** – 1/5 RFI on Subject Tests – No action taken.

**100343 (Anchorage PD)** – 2/137 RFI on Subject Tests, 4/137 Interference on Subject Tests, 2/127 Blank Error on Subject Tests, 1/137 Ambient Fail on Subject Tests – No action taken.

**100351 (AST/Soldotna)** – 5/25 RFI on Subject Tests, 2/25 Blank Errors on Subject Tests – 5 RFI occurrences on three operators – notified last cycle of elevated number of RFI status messages and to remind officers to turn off their radio. (100351-2025-09-25-Change-In-Status) – Monitor for RFI.

**100358 (AST/Tok)** – 1/3 RFI on Subject Tests – No action taken.

**100367 (Sitka PD)** – 1/6 Ambient Fail on Subject Tests – Followed by a completed test. - Monitored from previous round for IS errors – None this round, but low test numbers. - Continue monitoring for IS errors.

**100369 (AST/Fairbanks)** – 7/73 RFI on Subject Test, 4/73 Pump Error on Subject Test, 2/73 Interference on Subject Test – All RFI status messages followed by completed tests, pump errors occurred on two subjects – No action taken.

**100390 (Juneau PD)** – 1/21 Interference on Subject Test, 1/21 Blank Error on Subject Test – No action taken.

**100392 (Homer PD)** – 2/20 RFI on Subject Test, 2/20 Internal Standard Error on Subject Tests – All status messages followed by completed tests. Internal standard errors were 4.2% and 4.5% respectively. The second IS error status messages was conducted on a test/test. – Monitored last round for IS error (1) – Remove from service – Instrument mailed by 2025.11.28.

**100406 (AST/Angoon)** – 3/3 Gas Flow Errors on VOCs – Instrument removed from service administratively on 2025.07.18. (100406-2025-11-18-Change-In-Status) and returned to SCDL on 2025.11.17.

**100415 (AST/Ketchikan)** – 1/2 RFI on Subject Tests – No action taken.

**100418 (Anchorage PD)** – 2/11 Interference on a Subject Test – No action taken.

**100421 (JBER)** – 2/14 Internal Standard Detected on Subject Test – removed from service for internal standard errors on 2025.10.02 (100421-2025-10-02-Change-In-Status).

**100422 (JBER)** – 3/28 RFI on Subject Tests, 1/28 Ambient Fail on Subject Test, 1/28 Detector Overflow on Subject Test – No action taken.

**100669 (Palmer PD)** – 6/48 RFI on Subject Test, 1/28 Pump Error on Subject Tests – No action taken.

**100670 (AST/Mat-Su West)** – 5/19 RFI on Subject Test, 1/19 Interference on Subject Test – No action taken.

**100687 (King Cove PD)** – 2/2 Internal Standard Error on VOC – Instrument removed from service for Internal Standard Errors on 2025.10.24 (100687-2025-10-24-Change-In-Status).

**100695 (Anchorage PD)** – 5/112 RFI on Subject Tests, 1/112 Interference on Subject Tests, 1/112 Ambient Fail on Subject Tests – All status messages except RFI were followed by completed tests. – No action taken.

**100699 (AST/Anchor Point)** – 1/4 Blank Error on Subject Test, status message followed by a completed test – No action taken.

#### **Follow Up from Previous In Field Instrument Review**

**100349 (Metlakatla PD):** Instrument not in use at the agency due to lack of personnel. Unable to upload. Last VOC 05/30/2025. Out of service date 2025.10.13 (100349-2025-10-13-Change-In-Status).

**100404 (Kotzebue PD):** Monitored for tank interference via IFIR 2025.04.12 – 2025.05.30, No additional status messages during this round of IFIR. Recommended end monitoring.

**100698 (AST/Glennallen):** Monitored for standard out of range via IFIR 2025.07.19 – 2025.09.05. No additional status messages during this round of IFIR. Recommended end monitoring.

Agencies not included in this summary:

**100360 (Kake PD)** – Does not upload and no response on request for files. VOCs from 7/18/2025, 9/5/2025 and 10/24/2025 are needed. VOC from 06/08/2025 is on file due to a tank change, no VOC for 05/30/2025 due to expired tank.

**100370 (Eielson AFB)** - Does not upload and no response on request for files. VOC from 10/24/2025 is needed.

**100691 (Cordova PD):** Does not upload and no response on request for files. VOCs from 09/05/2025 and 10/24/2025 are needed.

Subject Test Data

Serial Number	Total Subject Tests	Date Range								Total Tests												
		RFI		Pump Error		Interference		Tank Interference		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes
		9/6/2025	10/24/2025	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
100342	5	1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
100343	137	2	1%	0	0%	4	3%	0	0%	2	1%	0	0%	0	0%	1	1%	0	0%	0	0%	9
100351	25	5	20%	0	0%	0	0%	0	0%	2	8%	0	0%	0	0%	0	0%	0	0%	0	0%	7
100358	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100367	6	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	1
100369	73	7	10%	4	5%	2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	13
100390	21	0	0%	0	0%	1	5%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100392	20	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	10%	0	0%	0	0%	4
100415	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
100418	11	0	0%	0	0%	2	18%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2
100421	14	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	14%	0	0%	2
100422	28	3	11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	4
100669	48	6	13%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	7
100670	19	5	26%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	6
100695	112	5	4%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	1	1%	0	0%	0	0%	7
100699	4	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	692	38	5%	5	1%	11	2%	0	0%	6	1%	0	0%	0	0%	4	1%	4	1%	0	0%	68

\*\*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.\*\*

Subject Test Data

Serial Number	Total Subject Tests	User Abort		Detector Overflow		Barometer Error		Filter Wheel Error		Date Range		Total Tests		Total Messages		Filter 1 Won't Zero		Samp Chamb Low	Breath Tube High	Static Analysis Error	Total Codes	
										9/6/2025	10/24/2025	692	1	0.1%	0	0%	0					0%
100422	28	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
Total	692	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1

VOC Data

Serial Number	Total VOC Tests	RHI		Pump Error		Interference		Tank Interference		Date Range		Total Tests		Total Messages		Ambient Fail	Internal Standard Error		Diagnostic Failed	Total Codes		
										9/7/2025	10/24/2025	85	5	5.9%	Blank Error		Standard Out of Range	Gas Flow Error			2	2%
										0	0%	0	0%	0	0%		0	0%			0	0%
100406	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3		
100687	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%	0	0%	2
Total	85	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	2%	0	0%	5

\*\*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.\*\*

