Effective: 3/20/2025

## SP Version: 2.0

## 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.

Effective: 3/20/2025

**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.

		Date	Range		Total Tests	692																
		ubject	res	t Dat	a				9/6/2025	10/24/2025	Tot	al Messages	68	9.8%								
Serial Number	Total Subject Tests		RFI	Pump	Error	ror Interference		Tank Interference		Blank Error		Standard Out of Range		Gas Flow Error		Ambient Fail		Internal Standard Error		Diagnostic Failed		Total Codes
100342	5	-1	20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
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%	0	0%	2	10%	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												Range 10/24/2025	Tot	Total Tests	692	0.1%							
1	Serial Number					Detector Overflow Barometer Error Filter Wheel Error					9/6/2025 Suck B	ack Error		ned Error	Filter 1 \	Won't Zero	Samp C	hamb Low	Breath 1	Γube High	Static An	Total Codes	
	100422	28	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1
	Total	602	0	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1 1

		Date	Range		Total Tests	85		ſ														
		9/7/2025	10/24/2025	Tot	al Messages	5	5.9%															
Serial Number	Total VOC Tests		RFI	Pump	Error	Interf	erence	Tank Inte	rference	Blani	k Error	Standard C	Out of Range	Gas Fl	ow Error	Ambie	nt Fail	Internal S	tandard Error	Diagno:	stic Failed	Total Codes
100406	3	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	100%	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%	3	4%	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.

Section				VOC	: Da	ta						te Range 5   10/24/2025	Tota	Total Tests I Messages	85 0 0.0%							
Miles																						
Control	100342	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
Color		2																				
1985   9	100345	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
Color		1 2																				
Color	100348	1	0	0%	0	0%	0	0%		0%	0		0	0%	0 0%	0	0%	0	0%	0	0%	
WORD	100350				0	0%	0	0%	0	0%		0%			0 0%		0%	0	0%			
March   Marc		2																				
1985   1	100353		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
Section   1																						
1.000	100356	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
1000   10		1																				
1985	100359		0	0%		0%		0%		0%		0%		0%	0 0%		0%	0	0%	0	0%	
1000  1																						
1992   1																						
Section   1		1		0%	0	0%	0	0%	0		0	0%	0	0%			0%	0	0%	0	0%	
1		1															0%	0				
1992    2	100367		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
1000    1																						
Mapper   Section   Secti	100370	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
March   Marc	100372			0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
March   S.   1.   1.   1.   1.   1.   1.   1.	100373			0%	0	0%	0	0%		0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	
1	100375		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100000		1																				
100000	100378	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
Mage										0%									0%			
1000H	100381	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100325	100384	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
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1003020   1																						
Month   Mont	100390	1	0	0%	0	0%	0	0%		0%	0	0%		0%	0 0%	0	0%	0	0%	0	0%	0
1959    1																						
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199000																			0%			
100003	100400	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100004		0 1																				
1000000   3	100404			0%	0	0%	0	0%	0	0%	0	0%		0%	0 0%	0	0%	0	0%	0	0%	0
10011																						
10012																						
100414	100412	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100416																						
100417	100415		0	0%		0%	0	0%		0%			0	0%	0 0%	0	0%	0	0%	0	0%	
100418																						
100421	100418			0%	0	0%		0%		0%		0%		0%		0	0%	0	0%	0	0%	0
100423	100421		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
1002424		0																				
100666	100424	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100667						0%																
100669		1		0%	0	0%				0%					0 0%				0%			
100671	100669	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100672																						
100674   0	100672	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100675   0	100674	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100677	100675		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100679	100677	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100680	100678 100679						0															
100682	100680	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100683																						
100685	100683	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100686   0	100685	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100688	100686	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100690	100688	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100691   0   0   0   0   0   0   0   0   0	100689																					
100693	100691	0	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100694   2																						
100696	100694	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%	0	0%	0	0%	0	0%	0
100697         1         0         0%	100696			0%		0%		0%		0%		0%		0%	0 0%				0%		0%	
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