

In Field Instrument Review
Date Range: 2025.07.19 – 2025.09.05
Review Completed on 2025.10.01 by Carlie Glaister

Status Messages and Action Taken

100342 (Unalaska PD): 1/6 Blank Error on Subject Tests followed by a completed test – No action taken.

100343 (Anchorage PD): 2/135 RFI on Subject Tests, 1/135 Pump Error on Subject Tests, 1/135 Blank Error on Subject Tests, all followed by completed tests – No action taken.

100346 (Kenai PD): 1/12 Blank Error on Subject Tests followed by a completed test – No action taken.

100351 (AST/Soldotna): 8/25 RFI on Subject Tests, 1/25 Gas Flow Error on Subject Tests followed by a completed test – Agency was notified about the higher than average occurrence of RFI status messages, see 100351-2025-09-25-Change-In-Status.

100366 (Kodiak PD): 2/11 RFI on Subject Tests, 1/11 Pump Error on Subject Tests, 1/11 Standard Out of Range on Subject Tests, all followed by completed tests. The Pump Error and Standard Out of Range Status messages occurred on the same individual – No action taken.

100367 (Sitka PD): 1/9 Subject Interference on Subject Tests, 2/9 Internal Standard Error on Subject Tests. Subject Interference and 1 Internal Standard Error occurred on the same individual followed by a passing test – Recommend monitoring for Internal Standard Error.

100369 (AST/Fairbanks): 7/66 RFI on Subject Tests, 1/66 Pump Error on Subject Tests – No action taken.

100377 (Glacier Bay NP): 1/2 RFI on Subject Tests – No action taken.

100390 (Juneau PD): 1/21 RFI on Subject Tests, 1/21 Subject Interference on Subject Tests – No action taken.

100392 (Homer PD): 1/17 RFI on Subject Tests, 1/17 Blank Error on Subject Tests followed by a completed test, 1/17 Internal Standard Error on Subject Tests – Recommend monitoring for Internal Standard Error.

100402 (AST/Tok): 1/4 Internal Standard Error on Subject Tests – Instrument was removed from service on 08/19/2025 due to preventative maintenance, see 100402-2025-08-19-Change-In-Status.

100403 (Wasilla PD): 3/37 RFI on Subject Tests, 2/37 Subject Interference on Subject Tests on the same individual – No action taken.

100406 (AST/Angoon): 1/1 Gas Flow Error on VOC Test – Instrument is being removed from service, a case was sent from the crime lab on 09/25/2025.

100410 (NSBPD): 1/1 User Abort on VOC Test, followed by a completed VOC Test on 9/18/2025 – No action taken.

100413 (Fairbanks PD): 1/19 RFI on Subject Tests – No action taken.

100421 (JBER): 1/24 Internal Standard Error on Subject Tests – Instrument is being removed from service due to internal standard errors, Breath Test Supervisor notified 10/01/2025 to return instrument to crime lab.

100669 (Palmer PD): 16/87 RFI on Subject Tests, 1/87 Pump Error on Subject Tests, 1/3 RFI on VOC Tests – No action taken.

100670 (AST/Mat-Su West): 2/26 RFI on Subject Tests, 1/26 Pump Error on Subject Tests, 5/26 Subject Interference on Subject Tests. 3 Subject Interference occurred on one individual, and 2 Subject Interference occurred on a second individual – No action taken.

100673 (Seward PD): 3/24 RFI on Subject Tests – No action taken.

100675 (AST/Delta): 2/2 Diagnostic Failed on VOC Tests due to Internal Standard Error – Instrument was removed from service, see 100675-2025-06-30-Change-In-Status

100681 (Soldotna PD): 1/16 RFI on Subject Tests - No action taken.

100691 (Cordova PD): 1/12 Blank Error on Subject Tests – No action taken.

100695 (Anchorage PD): 1/2 RFI on VOC Tests – No action taken.

100698 (AST/Glennallen): 1/7 Pump Error on Subject Tests followed by a completed test, 1/7 Tank Interference on Subject Tests, 1/7 Blank Error on Subject Tests, 1/2 Standard Out of Range on VOC Tests followed by a completed VOC. Interference and Blank Error occurred on the same individual followed by a completed test – Recommend monitoring for Standard Out of Range.

100699 (AST/Anchor Point): 2/8 Tank Interference on Subject Tests on the same individual followed by a complete test – No action taken.

Follow Up from Previous In Field Instrument Review

100404 (Kotzebue PD): No tests or VOCs received for the last 2 cycles, agency non-responsive – Recommend continued monitoring for Tank Interference (monitoring began as of IFIR 2025.04.12-2025.05.30).

Agencies not included in this summary

100349 (Metlakatla PD): Instrument not in use at the agency due to lack of personnel. Out of service date uncertain. Unable to upload. Last VOC 05/30/2025.

100360 (Kake PD): Does not upload and no response on request for files. VOC's from 07/18/2025, and 09/05/2025 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.

100404 (Kotzebue PD): Does not upload and no response on request for files. VOC's from 07/18/2025 and 09/05/2025 are needed.

100691 (Cordova PD): Does not upload and no response on request for files. VOC from 09/05/2025 is needed.

Subject Test Data

Subject Test Data										Date Range		Total Tests		778					
Serial Number	Total Subject Tests	RFI		Pump Error		Interference		Tank Interference		7/19/2025	9/5/2025	Total Messages		79	10.2%				
										Blank Error		Standard Out of Range	Gas Flow Error	Ambient Fail	Internal Standard Error	Diagnostic Failed	Total Codes		
100342	6	0	0%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%	0	0%
100343	135	2	1%	1	1%	0	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%
100346	12	0	0%	0	0%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
100351	25	8	32%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
100366	11	2	18%	1	9%	0	0%	0	0%	0	0%	1	9%	0	0%	0	0%	0	0%
100367	9	0	0%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%	2	22%	0	0%
100369	66	7	11%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100377	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100390	21	1	5%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100392	17	1	6%	0	0%	0	0%	0	0%	1	6%	0	0%	0	0%	1	6%	0	0%
100402	4	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%
100403	37	3	8%	0	0%	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100413	19	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100421	24	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%
100669	87	16	18%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100670	26	2	8%	1	4%	5	19%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100673	24	3	13%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100681	16	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
100691	12	0	0%	0	0%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
100698	7	0	0%	1	14%	0	0%	1	14%	1	14%	0	0%	0	0%	0	0%	0	0%
100699	8	0	0%	0	0%	0	0%	2	25%	0	0%	0	0%	0	0%	0	0%	0	0%
Total	778	48	6%	6	1%	9	1%	3	0%	6	1%	1	0%	1	0%	5	1%	0	0%

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							Date Range		Total Tests		778		0.0%			
Serial Number	Total Subject Tests	User Abort	Detector Overflow	Barometer Error	Filter Wheel Error	Suck Back Error	Undefined Error	Filter 1 Won't Zero	Samp Chamb Low	Breath Tube High	Static Analysis Error	Total Codes				
100255	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100342	6	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100343	135	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100344	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100345	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100346	12	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100347	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100348	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100349	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100350	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100351	25	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100352	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100353	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100354	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100355	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100356	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100357	6	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100358	4	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100359	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100360	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100361	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100362	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100363	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100364	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100365	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100366	11	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100367	9	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100368	5	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100369	66	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100370	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100371	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100372	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100373	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100374	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100375	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100376	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100377	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100378	10	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100379	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100380	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100381	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100382	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100384	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100385	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100386	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100387	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100388	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100389	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100390	21	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100391	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100392	17	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100395	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100396	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100397	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100398	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100399	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100400	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100402	4	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100403	37	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100404	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100405	4	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100406	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100410	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100411	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100412	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100413	19	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100414	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100415	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100416	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100417	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100418	11	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100420	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100421	24	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100422	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100423	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100424	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100665	1	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100666	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100667	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100668	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100669	87	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100670	26	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100671	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100672	4	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100673	24	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100674	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100675	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100676	15	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100677	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100678	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100679	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100680	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100681	16	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100682	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100683	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100684	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100685	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100686	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100687	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100688	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100689	2	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100690	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100691	12	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100692	4	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100693	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100694	16	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100695	85	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100696	6	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100697	0	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100698	7	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100699	8	0	0%	0	0%	0	0%	0	0%	0	0%	0				
100700	3	0	0%	0	0%	0	0%	0	0%	0	0%	0				
Total	778	0	0%	0	0%	0	0%	0	0%	0	0%	0				

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															Date Range		Total Tests		85			
															7/21/2025		9/5/2025		6		7.1%	
															Total Messages							
Serial Number	Total VOC 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									
100406	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1								
100669	3	1	33%	0	0%	0	0%	0	0%	0	0%	0	0%	1								
100675	2	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2								
100695	2	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1								
100698	2	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	1								
Total	85	2	2%	0	0%	0	0%	1	1%	1	1%	0	0%	6								

****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.****

Date Range		Total Tests	85
7/21/2025	9/5/2025	Total Messages	1 1.2%

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.