

# Alaska Scientific Crime Detection Laboratory

## DataMaster Evaluation Form

Issued: 7/10/2015  
Effective: 7/10/2015

Version: DMEF2015 R0  
Status: Active

Instrument # 100688

Date: 1/5/16

Analyst: Colleen O'Bryant

1. Reason for instrument evaluation

Instrument returned after reported damage by prisoner.

2. Visual Inspection

3. Troubleshooting/Repair

Initiated VOC while opening DMT to perform visual inspection and immediately received an RFI (#1). Performed VOC twice more with DMT open with same response (RFI #2, RFI #3). Replaced breath hose and attempted a VOC again, same response (RFI #4). Reset RFI sensitivity in Tech mode. Performed a VOC again without issue.

Following the VOC I performed a subject test and was able to trigger an RFI status message using a police radio without issue.

4. VOC (attached)

5. Internal Standard value  $\leq 3.00\%$  Yes  No

6. Verify software version

Return to Factory for Repair

Ready For Calibration

Ready For Certification

RFI#1

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100688

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/05/2016

## External Standard Test Values

## Diagnostic Check

VERSIONS  
DMT: 3.01  
PIC: 3.03  
Modem: 2.6  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.8°C      PASSED  
Breath Tube = 47.4°C      PASSED

RFI DETECTED

*Original Breath Above*

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

- (1) I am a Forensic Scientist IV at the State of Alaska Scientific Crime Detection Laboratory.
- (2) The Alaska Scientific Crime Detection Laboratory is an entity within the Department of Public Safety.
- (3) I am the Scientific Director of the State Breath Alcohol Program.
- (4) In that capacity, I am responsible for overseeing the Breath Alcohol Program, which includes assuring that instruments are calibrated and maintaining program records.
- (5) The above is a true and accurate verification of calibration, which is performed by the instrument's software, as specified by the State Breath Alcohol Program. Verification of calibration is a regularly conducted and regularly recorded activity of the State Breath Alcohol Program.
- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

\_\_\_\_\_  
Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

RFI #2

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100688

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/05/2016

## External Standard Test Values

## Diagnostic Check

VERSIONS  
DMT: 3.01  
PIC: 3.03  
Modem: 2.6  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.9°C      PASSED  
Breath Tube = 47.1°C      PASSED

RFI DETECTED

*Original Breath Hose*

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

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- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

\_\_\_\_\_  
Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

# VERIFICATION OF CALIBRATION REPORT

RFI #3

of DataMaster dmt Breath Test Instrument  
State of Alaska

Serial #: 100688

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/05/2016

## External Standard Test Values

## Diagnostic Check

VERSIONS  
DMT: 3.01  
PIC: 3.03  
Modem: 2.6  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.8°C      PASSED  
Breath Tube = 47.0°C      PASSED

RFI DETECTED

*Original Breath Hose*

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

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- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

\_\_\_\_\_  
Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

# VERIFICATION OF CALIBRATION REPORT

*RFI #44*

*of DataMaster dmt Breath Test Instrument*

*State of Alaska*

Serial #: 100688

*Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program*

Date: 01/05/2016

## External Standard Test Values

## Diagnostic Check

VERSIONS  
DMT: 3.01  
PIC: 3.03  
Modem: 2.6  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.9°C      PASSED  
Breath Tube = 42.8°C      PASSED

RFI DETECTED

*Replacement Breath Hose  
(as found RFI  
Settings)*

I, Nita J. Bolz, after being first duly sworn, depose and state as follows:

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- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

\_\_\_\_\_  
Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

# VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100688

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 01/05/2016

## External Standard Test Values

### EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.42: 0.079  
LOT #: 01315080A2  
EXPIRATION: 02/05/2017  
TANK PRESSURE: 261 psi

BLANK TEST	0.000	14:45
INTERNAL STANDARD	VERIFIED	14:45
Xq = 0.096 (1.38%)		
EXTERNAL STANDARD	0.077	14:46
X[1] = 0.0772 (-0.0025) (-0.0014)		
BLANK TEST	0.000	14:46
EXTERNAL STANDARD	0.076	14:47
X[1] = 0.0762 (-0.0023) (-0.0009)		
BLANK TEST	0.000	14:48
EXTERNAL STANDARD	0.077	14:48
X[1] = 0.0772 (-0.0023) (-0.0005)		
BLANK TEST	0.000	14:49
EXTERNAL STANDARD	0.078	14:49
X[1] = 0.0779 (-0.0020) (-0.0003)		
BLANK TEST	0.000	14:50
EXTERNAL STANDARD	0.077	14:50
X[1] = 0.0771 (-0.0020) (-0.0002)		
BLANK TEST	0.000	14:51

Average = 0.0770  
Std Dev = 0.0007

## Diagnostic Check

### VERSIONS

DMT: 3.01  
PIC: 3.03  
Modem: 2.6  
Questions: 2.2

### TEMPERATURES

Sample Chamber = 48.9°C	PASSED
(44.0°C - 52.0°C)	
Breath Tube = 43.3°C	PASSED
(38.0°C - 50.0°C)	

### SETTINGS

Lamp Voltage = 1.86 V	PASSED
(1.05 V - 2.45 V)	
Cooler Voltage = 1.88 V	PASSED
(1.07 V - 2.49 V)	
Bias Voltage = 80 V	PASSED
(49 V - 113 V)	
Chopper Freq = 537 Hz	PASSED
(475 Hz - 575 Hz)	
Barometer = 29.4 in	

### PUMP INFO

Flow Rate = 4.304 L/M	PASSED
(3.500 L/M - 6.500 L/M)	

### DETECTOR INFO

PUMP ON	PASSED
(0.001 V <= 0.010 V)	
PUMP OFF	PASSED
(0.003 V <= 0.010 V)	

### FILTER INFO

Filter 1	PASSED
Filter 2	PASSED
Filter 3	PASSED

### INTERNAL STANDARD

Xq = 0.096 0.46%	PASSED
(0.00% - 4.00%)	

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- (6) The referenced instrument is certified for evidentiary use in the State of Alaska.

Nita J. Bolz  
Scientific Director  
State Breath Alcohol Program

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

SUBJECT TEST

Alaska Department of Public Safety  
DATAMASTER dmt: 100688

Date: 01/11/2016  
Time: 10:57:31

SUBJECT NAME:  
TEST TEST  
LICENSE #: RFI

OPERATOR NAME:  
COLLEEN S O'BRYAN  
OPERATOR'S #: 6237

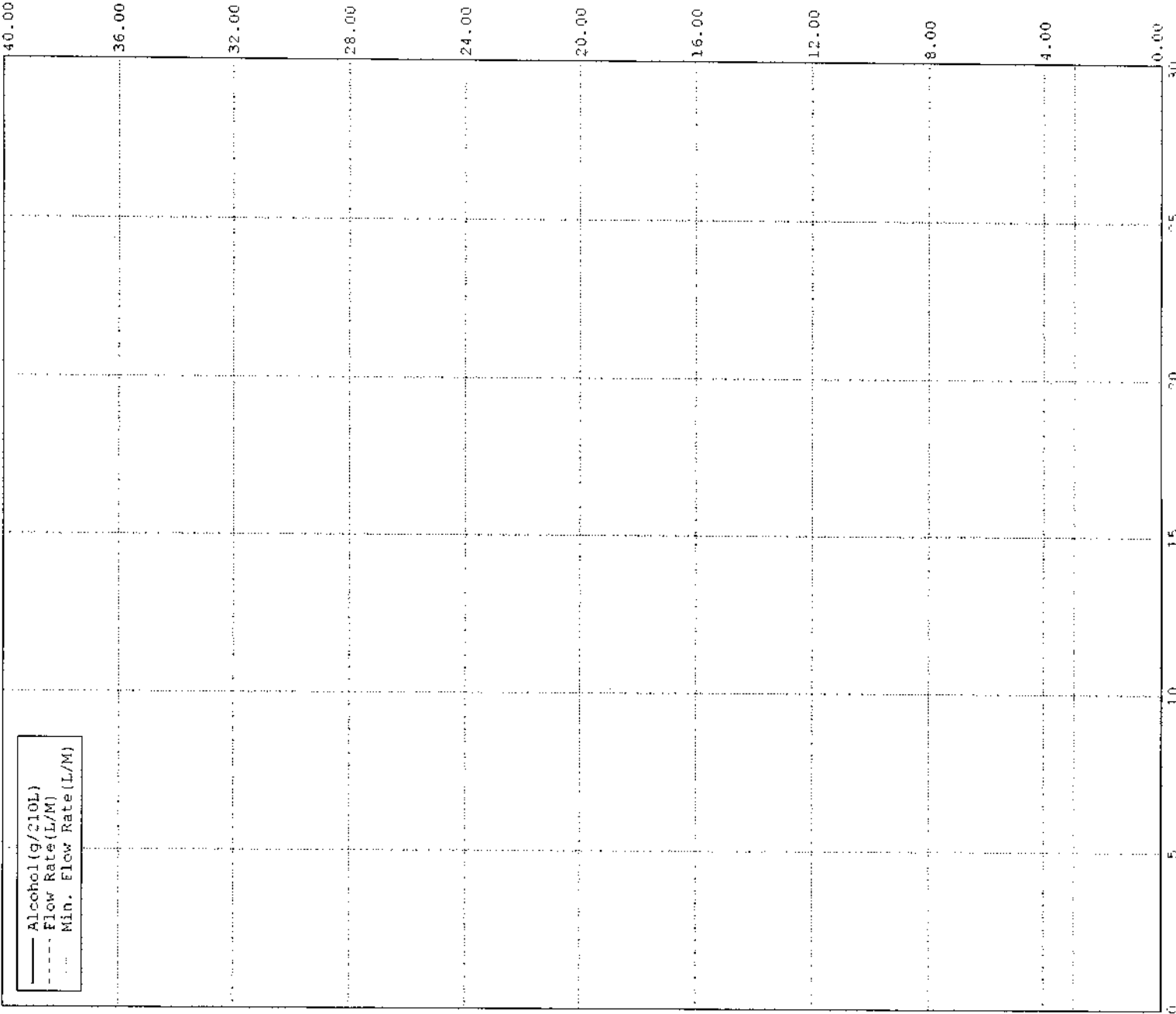
DEPT/AGENCY:  
AAA1  
CASE/REPORT: 16-1234  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION  
NOMINAL: 0.080  
TARGET AT 29.16: 0.078  
LOT #: 01315080A2  
EXPIRATION: 02/05/2017

DIAGNOSTIC CHECK PASSED 10:59  
BLANK TEST 0.000 10:59  
INTERNAL STANDARD VERIFIED 11:00  
EXTERNAL STANDARD 0.077 11:00  
BLANK TEST 0.000 11:01

RFI DETECTED

*RFI reset in technician mode and then triggered during this subject test.*  
[UB] COB/p/pa



## O'Bryant, Colleen S (DPS)

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**From:** Scott, Sam D (LAW)  
**Sent:** Tuesday, January 05, 2016 4:15 PM  
**To:** O'Bryant, Colleen S (DPS)  
**Subject:** RE: AST/Soldotna DMT 100688

Thanks.

I'll print out your email and place in the file. We won't be taking to grand jury.

Sam Scott  
Assistant District Attorney  
Kenai District Attorney's Office  
(907) 283-8920

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**From:** O'Bryant, Colleen S (DPS)  
**Sent:** Tuesday, January 05, 2016 3:06 PM  
**To:** Scott, Sam D (LAW)  
**Cc:** Truesdell, James G (DPS)  
**Subject:** AST/Soldotna DMT 100688

Sam,

I performed our routine check in and evaluation procedures on the instrument recently taken out of service at AST/Soldotna (100688). The instrument powered up and uploaded without issue. I then attempted to perform a Verification of Calibration and a visual inspection. The visual inspection requires opening the cover and checking all wired and tube connections. While the instrument was initiating its first VOC I was opening the cover and immediately received an RFI status message. Nothing was touching the DMT or the breath hose. I attempted twice more with the same outcome. I then replaced the breath hose (where the RFI antenna is located) and performed another VOC and received an RFI status message. I then opened the technician mode of the DMT and reset the RFI sensitivity. I was then able to perform a VOC without issue.

As of now the instrument has passed the check in and evaluation and certification is it's next step. Let me know if you have any questions.

Colleen O'Bryant – Forensic Scientist III  
Blood and Breath Alcohol  
Alaska Scientific Crime Detection Laboratory  
4805 Dr. Martin Luther King Jr. Ave  
Anchorage, AK 99507

907-269-5783 (direct)  
907-350-2111 (cell)



## **O'Bryant, Colleen S (DPS)**

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**From:** Truesdell, James G (DPS)  
**Sent:** Tuesday, December 29, 2015 9:45 AM  
**To:** O'Bryant, Colleen S (DPS)  
**Subject:** RE: Soldotna Datamaster

We will need a bill/invoice for the damages.

SGT James G. Truesdell  
Alaska State Troopers  
Kenai JS  
125 Trading Bay Dr Ste 133  
Kenai, AK 99611  
Work 283-8590  
Work Cell 953-7010  
Personal Cell 252-0074  
Fax 283-2671

-----Original Message-----

**From:** O'Bryant, Colleen S (DPS)  
**Sent:** Tuesday, December 29, 2015 9:27 AM  
**To:** Truesdell, James G (DPS)  
**Subject:** RE: Soldotna Datamaster

Your new instrument is packaged and ready for shipment, it should go out today. Once it gets back we'll do an evaluation on it to see if we can replicate the problem, possibly a loose cord. The question is, does the DAO need anything, involve, etc, in order to charge for damages?  
Colleen

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**From:** Truesdell, James G (DPS)  
**Sent:** Tuesday, December 29, 2015 8:31 AM  
**To:** O'Bryant, Colleen S (DPS)  
**Subject:** RE: Soldotna Datamaster

SGT Briggs turned it on last week after the incident and said the instrument self checked okay. I told him I would feel better if it was checked by someone who could verify there wasn't any harm done. I could foresee an evidentiary problem if we didn't. It would not turn on after the incident. I tried several times.

SGT James G. Truesdell  
Alaska State Troopers  
Kenai JS  
125 Trading Bay Dr Ste 133  
Kenai, AK 99611  
Work 283-8590  
Work Cell 953-7010  
Personal Cell 252-0074  
Fax 283-2671

-----Original Message-----

From: O'Bryant, Colleen S (DPS)  
Sent: Monday, December 28, 2015 8:20 AM  
To: Truesdell, James G (DPS)  
Cc: Roth-Frey, Nicolette A (DPS); Barnett, Brandi M (DPS); Foster, Charles R (DPS)  
Subject: RE: Soldotna Datamaster

James,

Could you please take this instrument out of service and fill out a (detailed) change in instrument status form documenting the damage and the condition of the instrument prior to and after the incident (functional versus non-functional). We will return it to NPAS and get them to create a bill for damages.

Nikki,

Please send AST/Soldotna a new instrument.

Colleen O'Bryant -- Forensic Scientist III Blood and Breath Alcohol

907-269-5783 (direct)  
907-350-2111 (cell)

-----Original Message-----

From: Roth-Frey, Nicolette A (DPS)  
Sent: Monday, December 28, 2015 8:05 AM  
To: O'Bryant, Colleen S (DPS); Foster, Charles R (DPS); Barnett, Brandi M (DPS)  
Subject: FW: Soldotna Datamaster

-----Original Message-----

From: Klopfer, Kyle T (DPS)  
Sent: Monday, December 28, 2015 8:04 AM  
To: Bolz, Nita J (DPS); Roth-Frey, Nicolette A (DPS)  
Subject: FW: Soldotna Datamaster

-----Original Message-----

From: Truesdell, James G (DPS)  
Sent: Friday, December 25, 2015 8:05 AM  
To: DPS CRIME LAB WEB (DPS sponsored)  
Cc: King, John D (HSS); Gilmore, Dane R (DPS); Greenstreet, Andrew J (DPS)  
Subject: Soldotna Datamaster

The instrument at Soldotna AST is inoperative. A defendant slammed his hip into the desk several times and now it won't turn on. We need to have it checked for Criminal Mischief charges.

Sent from my iPhone