

# Alaska Scientific Crime Detection Laboratory

## Change in Instrument Status Form

Issued: 12/15/2017  
Effective: 12/15/2017

Version: CIISF 2017 R0  
Status: Active

Date: 03/30/2020 Instrument Serial Number: 100369

Instrument Location: Bethel Police Dept. Patrol Room

Supervisor Name and Agency: Justin Ulak, Bethel PD

### Describe the Status Change or Issue with the Instrument:

Out of Service due to Filter Wheel Error. Failed VOC Test and Subject Tests.

\*I went into Tech Mode on Instrument and allowed filters to change manually. Filters did get caught/stuck in position causing filter wheel error during process.

\*Instrument passed VOC test subsequently.

Instrument was placed back into service this same date and in the same location.

If instrument was placed in service or removed from service, fill out the appropriate sections below.

In Service Date/Time: 03/30/2020 @ 1840 hours

Out of Service Date/Time: 03/30/2020 @ 1817 hours

**For Use by SCDL**

Additional Notes

**Email completed form to [dps.scdl.toxicology@alaska.gov](mailto:dps.scdl.toxicology@alaska.gov)**

For questions contact the Breath Alcohol Program at 907-269-5740

## Walton, Derek J (DPS)

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**From:** DPS SCDL Toxicology (DPS sponsored)  
**Sent:** Tuesday, March 31, 2020 7:22 AM  
**To:** Walton, Derek J (DPS)  
**Subject:** FW: Error with DataMaster  
**Attachments:** Change in Instrument Status.pdf

**From:** Justin Ulak <[julak@cityofbethel.net](mailto:julak@cityofbethel.net)>  
**Sent:** Monday, March 30, 2020 6:48 PM  
**To:** DPS SCDL Toxicology (DPS sponsored) <[dps.scdl.toxicology@alaska.gov](mailto:dps.scdl.toxicology@alaska.gov)>  
**Subject:** Re: Error with DataMaster

See attached.

On Mon, Mar 30, 2020 at 2:11 PM DPS SCDL Toxicology (DPS sponsored) <[dps.scdl.toxicology@alaska.gov](mailto:dps.scdl.toxicology@alaska.gov)> wrote:

Hi Ofc. Ulak,

Since it's happening every time it makes me think that the locking pin is stuck. Please do the following:

1. [Send me an out of service form via e-mail.](#)
2. Open the top lid of the Datamaster using a Phillips head screwdriver
3. Locate the filter wheel assembly – it looks like two interlocking black wheels (mounted vertically) near the front left side of the instrument
4. On the touch screen, hit the DMT icon and then hit Technician mode. Enter your supervisor password. You should hear some clicking at this point.
5. In the bottom left corner there are the filter settings where you can manually choose a filter position. Try selecting a different button than the default one. The filter wheel assembly should rotate.
6. Check the locking pin on the top of the assembly to make sure it's not stuck in the locked position. If it is, it will make a metallic vibrating sound when you try to select a different filter position. The locking pin is attached to a spring-loaded solenoid. If it's stuck in the locked position, lift up on the locking pin (the small silver bar that engages the notch in the filter wheel) to unlock it.
7. Try to select a few different filter positions. It will take a few seconds to move to a new position.
8. If the filter wheel moves now, exit Technician mode and reattach the lid of the Datamaster.
9. Try running a VOC.

10. Complete a change in instrument status form to document what you did. Include whether or not the VOC at the end passes.

We will likely end up sending you a replacement instrument – filter wheel errors don't typically go away completely on their own without maintenance and we would typically send it back to the factory for that. If the VOC passes, please put the instrument back into service. There is no chance of getting an "incorrect" test result when a filter wheel error happens – it either works or it doesn't.

One of the lab people will be in contact if/when a replacement DMT is shipped.

*Derek J. Walton*

Forensic Scientist III – Chemistry

Technical Lead – Seized Drugs

State of Alaska Scientific Crime Detection Laboratory

Phone: (907) 269-5628

**From:** Justin Ulak [mailto:[julak@cityofbethel.net](mailto:julak@cityofbethel.net)]

**Sent:** Monday, March 30, 2020 12:22 PM

**To:** DPS SCDL Toxicology (DPS sponsored)

**Subject:** Error with DataMaster

Good day,

Bethel Police Department's DataMaster is having the "Filter Wheel Error" message.

I've attached a failed VOC Report. Subject tests have also failed with the same result.

Thanks,

Justin Ulak