

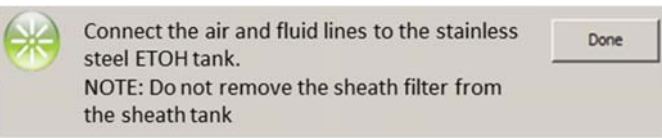
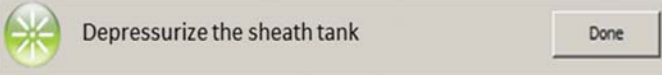
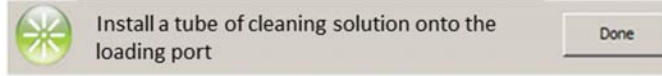
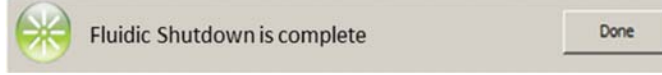


## Fluidic Shutdown Aria (SORP II, III)

<b>STEPS</b>		<b>NOTES</b>
1.	Turn off the stream	click on the green ✓ in the stream window, it should turn to a red X, and the stream should stop
2.	Users who sorted for Plates → Go back to “tube” collection mode.	In the sorter folder Under “troubleshooting” tab you will find a protocol called “switching to tube mode from plate mode”. Follow the instructions.
3.	Open the sorter cover	
4.	Take out the nozzle-and place it in the nozzle rack	
5.	Perform “clean flow cell” <b>(CFC)</b> procedure as detailed in notes.  Twice with 10% Contrad and the 3rd time with DW	To Run clean flow cell command Place 10% contrad as you would a sample. Go to “cytometer” → Cleaning modes → clean the flow cell → press OK
6.	Still without the nozzle - Open the stream, and when the green ✓ appears, close the stream.	
7.	<b>When CFC is done, dry the flow cell area, deflection plates etc.</b>	
8.	check the waste tank status	If the waste tank is more than $\frac{3}{4}$ full, replace it with an empty waste tank, containing 0.5L sodium hypochlorite (ECONOMICA). If unavailable, empty waste to regular sink and add 0.5Liter ECONOMICA
9.	Press Cytometer → “Fluidic shut down”	
10.		You have already done that, press “Done”
11.		<b>Red O</b> ring of closed nozzle loop <b>facing the ceiling</b>

12.	<p>For your safety in the next step (13), follow those instructions:</p> <ol style="list-style-type: none"> <li>1. Validate the Ethanol tank is depressurized.</li> <li>2. First connect the <b>Blue line</b> to the <u>Ethanol filter</u>, then connect the Airline (the transparent tube) to the Ethanol tank.</li> </ol>	
13.	 <p>(!) Before you press “Done”– validate that each tank have only one filter attached</p>	<p><b>THIS STEP TAKE ~7 MINUTES.</b></p>
14.		
15.		<p>Cleaning solution = <b>70% Ethanol.</b></p>
16.		
17.	<p>Close the sorter cover</p>	
18.	<p>Close your Experiment notebook (by double-clicking it) by leaving it open you may lose gates, some features and even data.</p>	
19.	<p>Close the software. Go to file → <b>quit</b></p>	<p>Additional pressure noise is normal. Don't shut down the computer</p>
20.	<p>Turn off the sorter (don't turn off the lasers)</p>	<p>Press the <u>green</u> button on the side of the Aria</p>

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## Do Not Forget “ list “

20.	Turn off the cooling system	
21.	Return default optical filters & temperatures of the cooling system or chamber	if you changed them
22.	Take all your samples with you	
23.	Turn Off the AMO system if you have used it.	Write the machine end time in the AMO notebook
24.	If you are the last user tonight, make sure the microscope is turned off and the biological hood window is shut	