

## Aquarius Scientist Planning Steps

The following tasks had to be completed by scientists prior to going to Aquarius

1	Find pipette
2	Wash pipette tips
3	Make chemical stock solutions to use as standards for underwater ammonium and nitrates experiments
4	Make reagents to react with ammonia during underwater experiments
5	Evaluate matrix effects of seawater - make standards
6	Order final supplies
7	Pack supplies into boxes
8	Load up the van
9	Finish dissolved organic nitrogen (DON) measurements – make new reagents and standards
10	Finish underwater experimental chambers – install fittings, membranes, and pumps & put on sealant
11	Test experimental chambers for leaks
12	Put labeling tape on syringes and vials
13	Wash 1000 centrifuge tubes and 100 syringes
14	Prepare Serum vials for capturing nitrogen gases underwater– put seals in and flush with helium to get rid of any atmospheric nitrogen already in the tubes
15	Document receipts for expenses