RECOVERED OZONESONDE CHECKLIST

DATE: 11/9/07
Initials: AR
Was this a GPS Sonde recovered on day of flt? ____ Yes (Just go through rinse in section 1)
Was this sonde found then returned by U.S. Mail ____ Yes(Go through 1 and 2)

HISTORY
PUMP #: 2255 35 ~~GPS~~ GPS Board removed
FORMER FLIGHT #: ?
DATE FLOWN: ?
DATE RETURNED: ?
DATE FOUND ; ?
COMMENTS: OVERALL SONDE/PUMP CONDITION: (looks new, dirt or coloring around pump present, signs of corrosion anywhere, 0-ring condition, pump noisy?, etc.) good

1. INITIAL RINSE/ RECONDITIONING – SOON AFTER MAIL DELIVERY:

____(√) *Log in pump in lab notebook. Turn in reward return notice (double check address is readable or look for additional return address on box.*
____(√) Check that the cam that drives the piston is not turning off-center, loose or rubbing too close to the metal frame. If it is too close or has come loose then the sonde will be noisy and run with a high current.
____(√) Rinse off outside of cells with warm tap water. Squirt DIW through running pump inlet (2 or 3 times for about 5 seconds). Rinse cells and tubing with DIW. Fill cells about ¾ full of DIW. Fill out reconditioning checkout sheet and store sheet and sonde on shelf #1.

2. RECONDITIONING / CLEANING STEPS:

✓ (√) (2) PUMP CHECK: Pressure 14 Vacuum 16 Current 95
✓ (√) (3) RINSE and then fill Cathode and Anode Cells ½ full with DIW.
✓ (√) (3) BUBBLE MODERATE OZONE THROUGH CATHODE CELL for 40-60 Minutes.
✓ (√) (3) BUBBLE ZERO OZONE THROUGH CATHODE CELL for 10 minutes.
✓ (√) (4) RINSE cells with DIW.
✓ (√) (4) FLUSH CELLS with DIW. Connect to CELL FLUSH Tube for 24-36 hours.

Cell Flush **DATE**		**TIME**	**WATER LEVEL**	Anode water level
Start	11/9/07	3 pm	6	EMPTY
Stop	11/14/07	11:30	0	full

✓ (√) RINSE & TIP UPSIDE DOWN ON SHELF #2 for 1-2 days to drain cells.

(5) 11/16/07 :DATE STORED ON SHELF #3 until ready for 3-7 day prep.

COMMENTS:

OZONE CALIBRATION CHECK: