

MBARI MiniROV Propeller Test

Date: 10/13/2015
 Power Supply voltage: 48
 Current Limit: 10
 MBARI MiniROV .65 hp Thruster

VETUS 6 blade prop		
Commanded RPM	PS Amps	Thrust (lbs)
250	0.18	1.998
500	0.9	6.5268
750	2.97	14.3523
800	3.66	16.3836
850	4.47	18.42156
900	5.48	20.55276
925	6.04	21.7449
950	6.75	23.01696
975	7.53	24.26238
980	7.59	24.36228
985	7.85	24.5754
990	8.02	24.9084
1000	8.32	25.41456
1025	9.25	26.91972
1035	9.74	27.39924

New 5 blade prop		
Commanded RPM	PS Amps	Thrust (lbs)
250	0.2	2.4309
500	1.03	7.44588
750	3.53	16.1838
800	4.42	18.5148
850	5.43	20.7126
900	6.71	23.13018
925	7.58	24.6753
950	8.43	26.5734
975	9.39	27.1395
980	9.5	27.2394
985	9.83	27.639

