

Deepglider<sup>(TM)</sup> Statistics 2015-16 As of 9-Feb-16

Deepglider #	35	36	37	38	Sums	Units / Notes
launch date	30-Jan-15	3-Jul-15	28-Aug-15	3-Jul-15		from Bermuda
<b>Endurance/depth/data</b>						
# of days	280	99	163	134	676	days
# of weeks	40	14	23	19	97	weeks
# of dives total	175	97	127	135	534	dives
# to full depth	166	89	116	90	461	86%
# >4000m deep	163	68	80	62	373	70% (where btm depth allows)
max depth reached (m)	4905	5275	5488	5487		
total dist. over .gnd (km)	4587	1916	2676	2217	11,396	km
total data (obsv depths)	375603	161861	191919	157492	886,875	lines of full data output
Lost contact / last dive	5-Nov-15	9-Oct-15	6-Feb-16	13-Nov-15		
<b>Energy used/remaining</b>						
10V Ahr used	62.96	29.38	42.6	31.65	166.59	(capacity 400)
10V MJ used	2.27	1.06	1.53	1.14		
% remaining	37%	71%	57%	68%		
24V Ahr used	88.01	64.13	57.12	48.49	257.75	(capacity 600)
24V MJ used	7.60	5.54	4.94	4.19		
% remaining	41%	57%	62%	68%		
total MJ used	9.87	6.60	6.47	5.33	28.27	(capacity 66.24)

**Notes vis locations & destinations:**

DG035 was at BATS running ~50km butterfly pattern through/around it. Went off air - trace of antenna problem.

DG036 crossed Gulf Stream on WOCE Line-W, back to shelf-break. Went off air - no problems indicated.

DG037 & 038 went to Abaco to work along 26.5N line. 038 had VBD problem - recovered, 037 lost contact until VBD problem - being recovered.

For more information, contact **Fritz Stahr (stahr@uw.edu)**, Seaglider Fabrication Center - <http://seaglider.washington.edu>

Deepgliders shown here are owned & operated by **Prof. Charles Eriksen**, School of Oceanography, UW (eriksen@uw.edu)