LOGISTIC RESULTS:

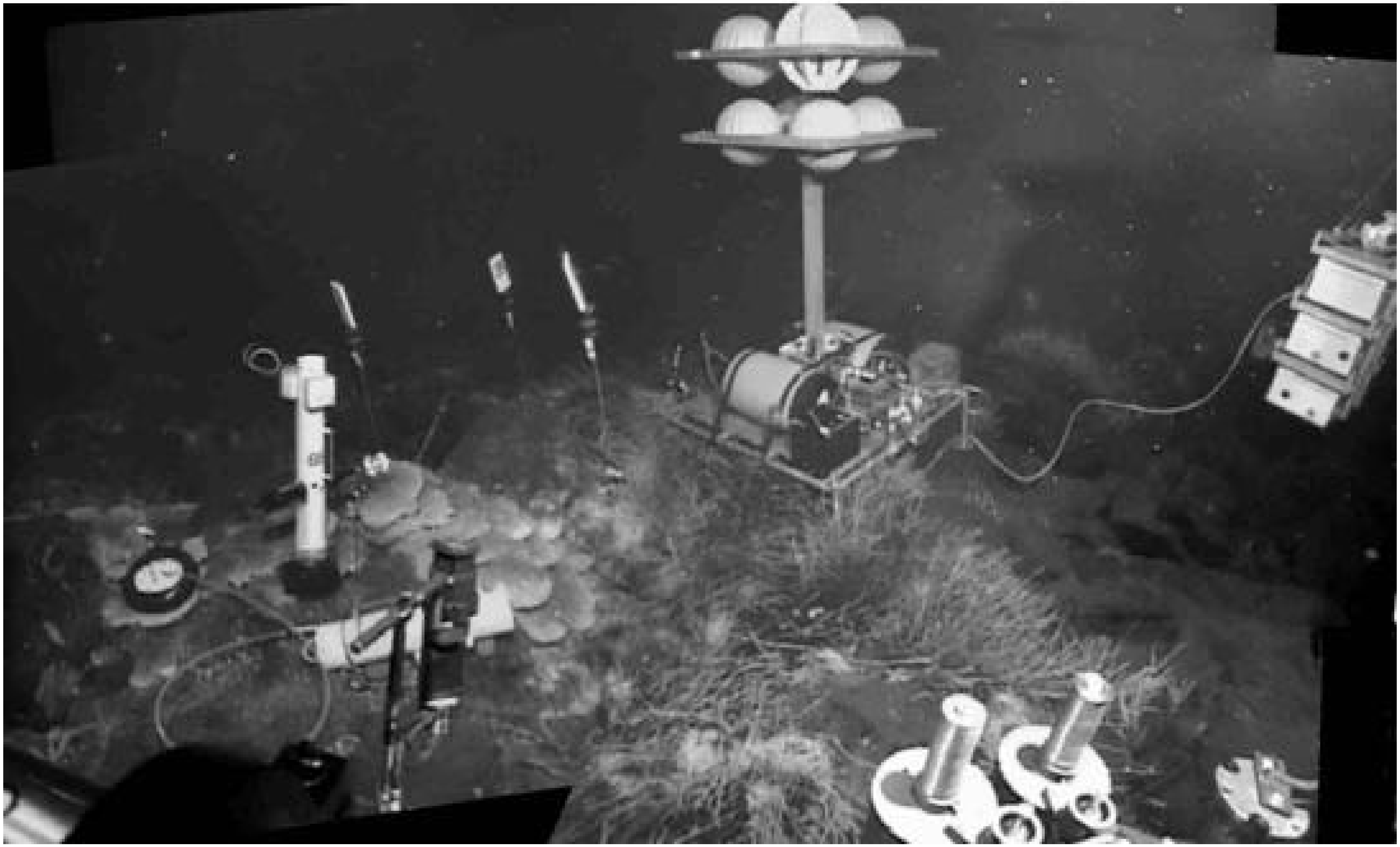
JASON-II DIVES - 11 individual dives
Bottom time - 323 hours, equivalent to 71 ALVIN dives
SITES - 5 (Baby Bare, ODP Hole 1026b, Endeavour axis and Axial Seamount)
ELEVATORS DEPLOYED - 10

INSTRUMENTS DEPLOYED and SAMPLES RECOVERED - 18 thermal blankets, 850 liters of HT fluid in barrel sampler, 60 liters in LANG sampler, 136 samples in Butterfield sampler, 9 gas tights and 13 major fluid samplers, 9 push cores, 4 large bio-grabs, 9 rocks, 3796 high resolution digital stills, 11 CTD casts, a 10 m piston core and 5 sets of larvae settling plates.

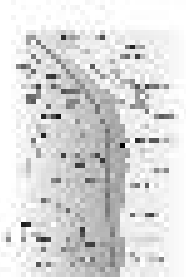
Site	temp °C	cells/ml	± SD	NH3 μmol/liter	Si, μmol/liter
Baby Bare, Probe #3	18.9	1.0 e+5	1.3 e+04	90	350
Baby Bare, Probe #4	19.7	1.8 e+5	2.2 e+4	90	400
ODP Hole 1026b	62.5	7.5 e+4	1.0 e+4	90	1200
Easter Island, MEF	23.3	1.1 e+5	1.5 e+4	24	1280
Bag City, Axial Seamount	18.3	1.5 e+5	2.6 e+4	4	390
local deep seawater	1.95	4.0 e+4	6.0 e+3	less than 1.0	160
Precision of NH3 and Si data is 4%.					
Cell count ± SD values are the 95% confidence level.					
Fluid temperatures are those when samples were taken.					

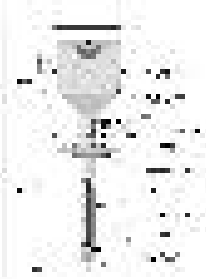
Easter Island vent field at the Main Endeavour Field, Juan de Fuca Ridge.

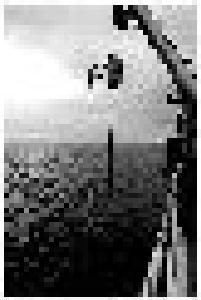
Images were taken from Jason-II during a September 2002 [illegible] cruise (H. P. Johnson, Chief Scientist) and photo-mosaic is by J. Howland.

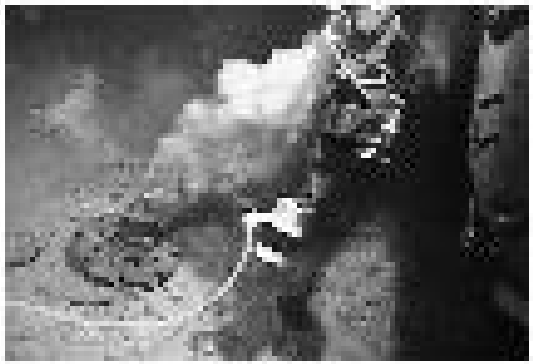


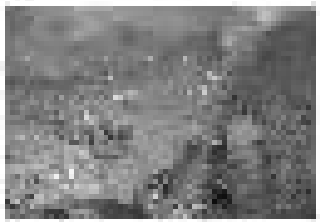
Probing for Life in the Ocean Crust











ON BOARD MEDORA

SUB BOTTOM PROFILER

FOR JASON II