	Time in seconds			States expanded $\times 10^6$		
Instance	HDA*	TDS	Ratio	HDA*	TDS	Ratio
Average	**48.46**	**267.83**	**5.53**	**69.53**	**439.52**	**6.32**
Depot10	5.60	18.23	3.26	5.27	14.72	2.79
Depot13	75.09	177.28	2.36	63.93	143.74	2.25
Driverlog8	4.41	9.25	2.10	5.75	8.83	1.54
Freecell5	5.99	27.75	4.63	7.21	34.15	4.74
Freecell7	75.27	354.63	4.71	92.88	457.95	4.93
Rover12	40.27	82.65	2.05	38.48	66.90	1.74
Satellite6	7.34	16.06	2.19	3.91	7.98	2.04
ZenoTrav9	7.26	13.69	1.89	7.79	10.45	1.34
ZenoTrav11	19.33	39.61	2.05	14.63	24.94	1.71
PipesNoTk14	7.86	26.47	3.37	21.30	67.81	3.18
PipesNoTk24	38.67	104.33	2.70	72.83	184.84	2.54
Pegsol27	7.43	30.26	4.07	26.29	115.75	4.40
Pegsol28	29.45	224.51	7.62	111.60	1029.17	9.22
Airport17	15.99	454.44	28.42	8.02	244.30	30.48
Gripper8	14.97	466.78	31.18	50.81	1687.10	33.20
Mystery6	11.91	168.96	14.19	5.81	60.14	10.36
Truck5	22.46	136.39	6.07	20.67	105.53	5.11
Truck8	116.22	731.43	6.29	107.18	523.18	4.88
Sokoban19	9.72	631.43	64.96	32.45	2525.67	77.84
Blocks10-2	12.64	54.12	4.28	40.61	161.63	3.98
Blocks11-1	194.57	624.34	3.21	546.31	1750.10	3.20
Blocks12-1	n/a	837.77	n/a	n/a	1723.94	n/a
Logistics00-7-1	53.37	370.47	6.94	107.54	671.17	6.24
Logistics00-9-1	86.91	315.03	3.62	149.80	523.57	3.50
Miconic12-2	159.48	612.86	3.84	126.19	472.39	3.74
Miconic12-4	169.49	605.57	3.57	132.55	466.97	3.52
Mprime30	68.28	667.08	9.77	8.03	68.53	8.53

Solved only by HDA*: Logistics00-8-1, Sokoban22, Sokoban26, Truck6, Gripper9, Freecell6, Rover6, Satellite7. Timing data available in Table **??**.