

**Table 2. Status of existing DSDP/ODP legacy holes. T.D.=total depth. B.P.=basement penetration. \* = “basement” defined as top of sill/sediment sequence. Casing depths are depths below seafloor of shoes of 16” casing and subsequent casing strings.**

HOLE	LOCATION	LAT/LONG	WATER (M)	T.D./B.P. (M)	CASING (M)	REMARKS
<b>Reentry holes presently in use or recently used as observatories</b>						
395A	MAR, W flank	22°45'N 46°05'W	4485	664/553	62/112	CORK, 1997; fill and junk below 600 mbsf
843B	SW of Oahu	19°21'N 159°06'W	4418	313/79	30/244	OSN Pilot Experiment, 1998; now open
857D	Middle Valley	48°27'N 128°43'W	2432	936/456*	48/573	CORK, 1991, 1996
858G	Middle Valley	48°27'N 128°43'W	2426	433/175	25/271	CORK, 1991, 1996
889C	Vancouver margin	48°42'N 126°52'W	1326	385/-	52/260	CORK and 5-1/2” liner, 1992
892B	Oregon margin	44°41'N 126°07'W	684	178/-	21/105	CORK and 5-1/2” liner, 1992; logger removed, 1995; hydrate expt, 1998
948D	Barbados prism	15°32'N 58°44'W	4949	538/-	43/476/535	CORK, 1994; logger and string removed, 1995
949C	Barbados prism	15°32'N 58°43'W	5016	468/-	46/398/466	CORK and bridge plug, 1994
1024C	JdeFR, E flank	47°55'N 128°45'W	2612	176/24	39/166	CORK, 1996
1025C	JdeFR, E flank	47°53'N 128°39'W	2606	148/47	40/102	CORK, 1996
1026B	JdeFR, E flank	47°46'N 127°46'W	2658	295/48	38/249	CORK, 1996; biosphere expt, 1997
1027C	JdeFR, E flank	47°45'N 127°44'W	2656	632/56	38/578	CORK, 1996
<b>Reentry holes used for past wireline reentry experiments or observatories</b>						
333A	MAR, W flank	36°50'N 33°40'W	1680	529/312	70/-	DIANAUT, 1989; junk BHA at 488 mbsf
396B	MAR, E flank	22°59'N 43°31'W	4465	406/254	120/163	FARE, 19??; SISMOBS, 19??
534A	E of Blake Escarp.	28°21'N 75°23'W	4976	1647/28	86/533	LFASE, 19??; DIANAUT, 1989
595B	SW Pacific	23°49'S 165°32'W	5630	124/56	34/74	Ngendei expt, 1983; stinger in hole
794D	Japan Sea	40°11'N 138°14'E	2818	734/192	58/560	Broadband seismometer expt, 1989, still in hole

808E	Nankai Trough	32°21'N 134°56'E	4685	1200/-	31/524	ONDO expt, 1991, still in hole; bad hole conditions
<b>Reentry holes presently suitable for wireline reentry experiments or observatories</b>						
415A	Off Morocco	31°02'N 11°40'W	2817	1079/-	68/311	Bad hole conditions, filled with cavings/mud
462A	Nauru Basin	7°15'N 165°02'E	5186	1208/645*	75/-	Needs second casing string; good hole conditions
504A	CRR, S flank	1°14'N 83°44'W	3468	278/14	90/-	Lacks second casing; 2 bit cones at bottom
504B	CRR, S flank	1°14'N 83°44'W	3474	2111/1836	90/276	Deepest DSDP/ODP hole; junk below 2000 mbsf
597C	EPR, W flank	18°48'S 129°46'W	4157	143/91	40/-	Good hole in fast-spread crust
642E	Norwegian margin	67°13'N 2°56'E	1289	1229/917*	51/372	Top of cone at seafloor
735B	SWIR, Atlantis FZ	32°43'S 57°16'E	732	1508/1508	none	HRGB; junk below 600 mbsf
765D	Argo Abyssal Plain	15°59'S 117°34'E	5724	1195/267	91/933	Longest DSDP/ODP casing (still true?)
801C	W. Pacific Jurassic	18°39'N 156°22'E	5685	594/135	51/481	Jurassic crust; scheduled for deepening, Leg 185
807C	Ontong Java Plateau	3°36'N 156°22'E	2817	1528/148	58/350	Two bit cones in hole
809F	Sumisu Rift	31°04'N 139°53'E	1803	79/79		Mini-HRGB; slim hole cored with DCS
896A	CRR, S flank	1°13'N 83°43'W	3459	469/297	86/191	Logging tool bowspring in hole
899B	Iberia Abyssal Plain	40°46'N 12°16'W	5302	563/192	50/217	Bit released at 539 mbsf
999B	Colombia Basin	12°45'N 78°44'W	2839	1066/-	62/524	
1107A	Ninety East Ridge	17°01'S 88°11'E	1659	494/123	49/413	NERO ION site
<b>Older reentry holes lacking second casing string; unknown prospects for reentry without drillship remediation</b>						
146	Caribbean Sea	15°07'N 69°23'W	3957	762/24	50/-	
319A	EPR, E flank	13°01'N 101°31'W	4296	157/59	66/-	Bad hole conditions in basement
320B	Peru Basin	9°00'S 83°32'W	4497	183/53	65/-	Bad hole conditions in basement
398D	G Galicia Bank	40°58'N 10°43'W	3900	1740/-	80/-	Hole plugged by sediments
416A	Off Morocco	32°50'N 10°48'W	4203	1605/-	40/-	Bad hole conditions

417D	S. Bermuda Rise	25°07'N 68°03'W	5489	709/366	25/-	Cone plugged with mud; lost BHA in deepest 100m
418A	S. Bermuda Rise	25°02'N 68°03'W	5519	868/544	71/0	Cone plugged with mud
433C	Suiko Seamount	44°47'N 170°01'E	1874	551/388	40/-	
442B	Shikoku Basin	28°59'N 136°03'E	4654	456/165	57/-	Bad hole conditions