Site U1553, Table T18. Biostratigraphic and magnetostratigraphic datums, Site U1553. Provisional CCSF depths for midpoint depths are also listed. Groups: C = chron, F = formaninifer, N = nannofossil, R = radiolarian. Event: B = bottom, T = top, BC = base common, TC = top common. **Download table in CSV format.**
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Taxon/chron	Group	Event	Zone base	GTS2012 (Ma)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)	Core, section, interval (cm)		Depth CSF-A (mbsf)			CCSF (m)
					U1553A-						U1553B-						U1553C-						U1553C-						U1553D-						U1553D-						U1553E-				
Pseudoemiliania lacunosa	N	T		0.44	1H-CC	2H-1, 110	2.99	4.10	3.55		1H-3, 50	1H-3, 100	3.61	4.11	3.86	3.86															1H-2, 50	1H-2, 100	2.00	2.50	2.25	3.09
C1n	C	B		0.78	1H-2, 70		2.20			2.20																														
Globigerina euapertura	F	T		23.03									6.08	6.13	6.11	6.35																								
Chiasmolithus altus	N	T	Top *C. altus*	25.58	2H-2, 50	2H-2, 110	5.01	5.61	5.31	5.24																			16H-4, 50	16H-5, 50	134.12	135.63	134.88	146.15
Axoprunum? irregularis	R	T	Top zRP17	26.12	2H-CC	3H-CC	12.98	22.14	17.56	18.24	3H-CC	4H-CC	25.24	35.63	30.44	30.44													5H-CC	6H-CC	42.25	50.98	46.62	49.62
Globigerina labiacrassata	F	T	AO4	26.50	2H-CC	3H-CC	12.98	22.14	17.56	18.44	1H-CC	2H-CC	6.11	15.39	10.75	10.75													1H-CC	2H-CC	8.22	18.03	13.13	14.02
C9n	C	B		27.44	2H-5, 49		9.50			9.44																														
Eucyrtidium antiquum	R	T		27.68	6H-CC	7H-CC	50.34	60.34	55.34	60.10	3H-CC	4H-CC	25.24	35.63	30.44	30.44													4H-CC	5H-CC	36.62	42.25	39.44	41.83
C9r	C	B		27.86	3H-7, 138		22.86			22.14																														
Chiloguembelina cubensis	F	TC	AO3	28.10	5H-CC	6H-CC	40.68	50.34	45.51	49.30	6H-CC	7H-CC	56.06	60.59	58.33	58.33													3H-CC	4H-CC	26.71	36.62	31.67	33.57
C10n.2n	C	B		28.28	6H-3, 100		45.00			49.70																														
C10r	C	B		29.18	10H-7, 61		88.60			98.14																														
Lychnocanium aff. *conicum*	R	B	zRP16	29.52	7H-CC	8H-CC	60.34	69.82	65.08	72.56	8H-CC	9H-CC	69.88	79.86	74.87	74.87													8H-CC	9H-CC	66.66	76.32	71.49	75.95
Subbotina angiporoides	F	T	AO2	29.80	9H-CC	10H-CC	79.02	88.88	83.95	93.64	9H-CC	10H-CC	79.86	89.87	84.87	84.87													6H-CC	7H-CC	50.98	55.53	53.26	56.90
C11n.2n	C	B		29.97	13H-CC, 14		117.20			129.53																														
Lamprocyclas matakohe	R	B		30.00	11H-CC	12H-CC	98.34	107.07	102.71	114.15	11H-CC	12H-CC	100.63	111.10	105.87	105.87													13H-CC	14H-CC	108.86	119.69	114.28	123.45
Axoprunum? irregularis	R	B	mid-ZRP15	31.50	17H-CC	18X-CC	138.78	148.15	143.47	162.44	14H-CC	16X-CC	130.53	147.48	139.01	139.01													18X-CC	19X-CC	157.94	163.36	160.65	175.39
Aphetocyrtis rossi	R	T		31.50	17H-CC	18X-CC	138.78	148.15	143.47	162.44	14H-CC	16X-CC	130.53	147.48	139.01	139.01													15X-CC	16X-CC	125.30	138.99	132.15	142.99
Reticulofenestra umbilicus (>14 um)	N	TC	*C. altus*	31.51	18H-1, 100	18H-2, 100	139.30	140.81	140.06	159.24	16H, CC	17H-2, 110	147.50	150.97	149.24	149.24													16H-6, 50	16H-7, 50	137.15	138.66	137.91	149.18
Eucyrtidium spinosum	R	T		32.00	19H-CC	20H-CC	157.41	167.11	162.26	183.34	17H-CC	18X-CC	158.24	166.66	162.45	162.45													18X-CC	19X-CC	157.94	163.36	160.65	175.39
Isthmolithus recurvus	N	T	*R. daviesii*	32.49	20H-1, 80	20H-2, 80	158.10	159.60	158.85	180.04	18X-5, 72	18X, CC	166.24	166.66	166.45	166.45													18X-CC	19X-CC	157.94	163.36	160.65	175.39
Chiamolithus altus	N	B	*B. spinosus*	33.31	21F-2, 100	21F-3, 100	169.30	170.81	170.06	195.97	21X-1, 47	21X-1, 118	189.97	190.68	190.33	190.33																												
Eucyrtidium antiquum	R	B	zRP15	33.50	23X-CC	24X-CC	179.25	185.06	182.16	206.97	21X-CC	22X-CC	193.34	201.97	197.66	197.66													20X-CC	21X-CC	172.66	183.06	177.86	193.41
Reticulofenestra daviesii	N	BC		33.71	22F-1, 100	22F-2, 100	172.50	174.01	173.26	204.47																														
Clausicoccus subdistchus	N	BC		33.88	23X-CC	24X-1, 80	179.25	180.20	179.73	192.24																														
Reticulofenestra oamaruensis	N	T	*R. samodurovi*	33.97	24X-2, 80	24X-3, 80	181.70	183.20	182.45	207.17	22X-3, 10	22X-3, 58	199.33	199.81	199.57	199.57													19X-CC	20X-CC	163.36	172.66	168.01	183.68
Globigerinatheka index	F	T	AO1	34.60	24X-CC	25H-CC	185.06	196.62	190.84	216.67	22X-CC	23X-CC	201.97	206.65	204.31	204.31	2R-CC	3R-CC	236.79	245.79	241.29	272.63							20X-CC	21X-CC	172.66	183.06	177.86	193.41
Reticulofenestra oamaruensis	N	B	*R. oamaruensis*	35.54	26X-1, 20	26X-2, 20	199.00	200.50	199.75	228.26	23X-CC	24X-CC	206.65	212.82	209.74	209.74													24X-1, 127	24X-3, 127	199.87	202.88	201.38	224.96
Reticulofenestra reticulata	N	T		35.92	27X-1, 46	27X-3, 54	209.06	212.14	210.60	242.66	26X-6, 20	26X-7, 20	234.03	235.03	234.53	234.53	2R-CC	3R-1, 50	236.79	244.20	240.50	271.84							25X-2, 67	25X-3, 67	210.57	212.07	211.32	236.17
Ismolithus recurvus	N	BC	*I. recurvus*	36.01	27X-3, 54	27X-CC	212.14	213.99	213.07	240.06	26X-CC	27X-CC	235.57	243.00	239.29	239.29	2R-CC	3R-CC	236.79	245.79	241.29	272.63							25X-2, 67	25X-3, 67	210.57	212.07	211.32	236.17
Neococcolithes dubius	N	T	*Z. bijugatus*	36.60							28X, CC	29X, CC	257.94	263.65	260.80	260.80	2R-CC	3R-1, 50	236.79	244.20	240.50	271.84																		
Globigerinatheka barri	F	T		37.00							26X-6, 20	26X-7, 20					4R-CC	5R-CC	255.64	265.74	260.69	292.03							26X-CC	27X-CC	227.73	235.84	231.79	256.00
Aphetocyrtis rossi	R	B		37.00	23X-CC	24X-CC	179.25	185.03	182.14	206.97	24X-CC	25X-CC	212.82	224.21	218.52	218.52													24X-CC	25X-CC	205.95	214.09	210.02	234.24
Eucyrtidium spinosum	R	B	zRP14	38.15	25X-CC	26X-CC	196.62	203.70	200.16	228.86	29X-CC		263.65				3R-CC	4R-CC	245.79	255.64	250.72	282.06							26X-CC	27X-CC	227.73	235.84	231.79	256.00
Chiasmolithus solitus	N	T	*N. dubius*	38.34													5R-CC	6R-1, 40	265.74	273.40	269.57	300.91																		
Lophocyrtis longiventer	R	B		39.00	27X-CC		213.99		214.60								16R-CC	17R-CC	330.66	338.52	334.59	365.93							27X-CC		235.84		235.84	260.26
Coccolithus formosus	N	T		39.02													10R-1, 30	10R-1, 100	297.90	298.60	298.25	329.59																		
Acarinina primitiva	F	T	AE8	39.10													5R-CC	6R-CC	265.74	277.77	271.76	303.10																		
Zealithapium mitra	R	B	zRP13	39.50													11R-CC	21R-CC		364.52																				
C18n.2n	C	B		40.07																																				
Reticulofenestra reticulata	N	B		40.69													10R-1, 30	10R-1, 100	297.90	298.60	298.25	329.59																		
Subbotina angiporoides	F	B	AE7	42.11													16R-CC	17R-CC	330.66	338.52	334.59	365.93																		
Reticulofenestra umbilicus	N	B	CNE13/NP16	42.48													17R-5, 60	17R-CC	337.87	338.52	338.20	369.54																		
Globigerinatheka index	F	B	AE6	42.60													17R-CC	18R-CC	338.52	344.32	341.42	372.76																		
Eusyringium fistuligerum	R	B	zRP12	42.85													16R-CC	17R-CC	330.66	338.52	334.59	365.93																		
Nannotetrina alata group (*N. fulgens*)	N	T		42.87													18R-1, 50	18R-2, 50	341.50	342.94	342.22	373.56																		
Morozovella crater	F	T	Porangan	45.70													20R-CC	21R-CC	355.54	364.52	360.03	391.37	2R-CC	3R-CC	404.18	412.74	408.46	439.80												
Cassigerinelloita amekiensis	F	T	AE5	46.13													21R-CC	22R-CC	364.52	374.37	369.45	400.79	2R-CC	3R-CC	404.18	412.74	408.46	439.80												
Nannotetrina alata gr. (*N. fulgens*)	N	B		46.29													21R-CC	22R-CC	364.52	374.37	369.45	400.79																		
Phormocyrtis striata striata	R	T		47.00													23R-CC	25R-CC	383.26	403.90	393.58	424.92																		
Discoaster lodoensis	N	T		47.41													22R-2, 60	22R-CC	372.31	374.37	373.34	404.68																		
Amphicraspedum prolixum s.s.	R	T		48.80													19R-CC	21R-CC	352.73	364.52	358.63	389.97																		
Discoaster sublodoensis (5-rayed)	N	B	NP14	49.11													22R-CC	23R-1, 60	374.37	380.50	377.44	408.78																		
Artobotrys auriculaleporis	R	B	lower zRP10	49.70													19R-CC	21R-CC	352.73	364.52	358.63	389.97																		
Cassigerinelloita amekiensis	F	B		50.04													22R-CC	23R-CC	374.37	383.26	378.82	410.16																		
Tribrachiatus orthostylus	N	T	bCNE5/NP13	50.50													25R-CC, 8	26R-CC, 10	403.90	412.37	408.14	439.48	2R-CC, 9	3R-CC, 19	404.18	412.74	408.46	439.80												
Buryella tetradica	R	T	top zRP9	51.00													27R-CC	28R-CC	421.61	437.43	429.52	460.61	3R-CC	4R-CC	412.74	426.80	419.77	451.11												
Acarinina primitiva	F	B		51.43													27R-CC	28R-CC	421.61	437.43	429.52	460.61	3R-CC	4R-CC	412.74	426.80	419.77	451.11												
Morozovella crater	F	B	Mangaorapan	52.00																			4R-CC	5R-CC	426.80	436.75	431.78	462.61												
Lychnocanium bellum	R	B	zRP9	53.20													23R-CC	25R-CC	383.26	403.90	393.58	424.92																		
Discoaster lodoensis	N	B	NP12	53.70													27R-2, 54	27R-CC	420.77	421.61	421.19	452.53																		
Chiloguembelina wilcoxensis	F	T		53.94																			4R-CC	5R-CC	426.80	436.75	431.78	462.61												
C24n.3n	C	B		53.98																																				
Tribrachiatus contortus	N	T	CP9b/NP11	54.14																			4R-CC	5R-1, 50	426.80	429.00	427.90	458.73												
Sphenolithus radians	N	B		54.17													28R-3, 70	28R-4, 85	432.27	433.93	433.10	463.93																		
Tribrachiatus orthostylus	N	B		54.37													28R-5, 36	28R-6, 85	434.95	436.86	435.91	466.74	5R-5, 50	5R-CC	434.46	436.75	435.61	465.93												
Fasciculithus tympaniformis	N	T	bNP10	55.33													29R-2, 52	29R-3, 42	440.33	441.64	440.99	471.49	6R-7, 45	6R-CC	447.48	447.71	447.60	480.12												
Globanomalina australiformis	F	B	AE1	55.96																			6R-CC	7R-CC	447.71	453.44	450.58	483.15												
Gavelinella beccariformis	F	T	PETM	55.96													30R-2, 131-134	31R-CC	445.79	451.35	448.57		6R-CC	7R-CC	447.71	453.44	450.58	483.15												
Amphicraspedum prolixum s.s.	R	B	zRP8	55.96													28R-CC	29R-CC	437.43	443.61	440.52	471.19	5R-CC	6R-CC	436.75	447.71	442.23	473.65												
Discoaster multiradiatus	N	B	NP9a	57.20													31R-CC	32R-CC	451.35	457.98	454.67	487.44	7R-2, 27	7R-2, 104	449.67	450.44	450.06	482.69												
Eisenackia reticulata group	D	T	NZDP8	58.90																				8R-CC		460.74	460.74												
Fasciculithus tympaniformis	N	B	~NP5	61.51													34R-2, 68-69	34R-CC, 23-24	469.49	469.80	469.65	502.08	9R-1, 68	9R-2, 93	468.18	469.92	469.05	501.68												
Alterbidinium pentaradiatum	D	T	NZDP6	61.70																			8R-CC	9R-CC	460.74	471.79	466.265												
Buryella tetradica	R	B	zRP5	62.40													29R-CC	30R-2, 131-134	443.61	445.79	444.70		8R-CC	9R-CC	460.88	471.86	466.37	499.70												
Palaeoperidinium pyrophorum	D	T	NZDP5	62.50																			10R-CC	11R-CC	478.14	488.11	483.125												
Senoniasphaera inornata	D	T	NZDP4	63.40																			14R-CC	15R-CC	517.59	528.57	523.08												
Amphisphaera coronata gr.	R	B		63.50													35R-CC	36R-CC	480.79	488.01	484.40	516.55	11R-CC	12R-CC	488.12	497.41	492.77	525.40												
Buryella foremanae	R	B	zRP4	64.00													35R-CC	36R-CC	480.79	488.01	484.40	516.55	11R-CC	12R-CC	488.12	497.41	492.77	525.40												
Trithyrodinium evittii	D	T	NZDP3	64.00																			17R-CC	18R-CC	553.79	564.74	559.265												
Chiasmolithus danicus?	N	B	NP3?	64.81?													42R-2, 33 cm	42R-CC	547.06	555.82	551.44	585.13																		
Buryella granulata	R	B	zRP3	64.90													35R-CC	36R-CC	480.79	488.01	484.40	516.55	11R-CC	12R-CC	488.12	497.41	492.77	525.40												
Parv. eugubina?	F	T	P1a?	65.72?													39R-CC	40R-CC	517.85	528.07	522.96	555.83																		
Parv. eugubina?	F	B	Pa?	66.00?													39R-CC	40R-CC	517.85	528.07	522.96	555.83																		
Senoniasphaera inornata	D	B	NZDP1	66.04																			20R-CC		581.11		581.11												