

1 January 2024

Mighty Midgets Errata

The following pages replace the original Annex C1 in *Mighty Midgets*, second edition. Due to an unfortunate error, the damage values for guns of 65mm or less are not correct, and are much smaller than the correct values.

The values for the Italian 135/45 An 1938 are missing. They have been added.

The British torpedoes were accidentally omitted from Annex F. They are listed here.

Thanks to Daniel Marlay.

If you have any questions about this errata, *Mighty Midgets*, or any Admiralty Trilogy Product, please contact us at adtrgroup@aol.com.

Annex C1 - Surface Guns

Country	Name Bore/Calibre	Shell Type	Short			Med			Long			Extreme		
			Range kyds	B-Pen	Dam	Range kyds	B-Pen	Shell Dam	Range kyds	B/D	Dam	Range kyds	B/D	Pen
Denmark	20mm Madsen	APC	0 - 0.3	2	2	0.4 - 0.7	2	2	0.8 - 1.1	1/0	2	1.2 - 1.4	1/1	1
France	Hotchkiss 13.2mm/76 Mle 1929	Solid	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
France	37mm/50 Mle 1925, Mle 1933	HE	0 - 0.2	1	0.8	0.3 - 0.6	1	0.7	0.7 - 0.9	1/0	0.6	1.0 - 1.1	1/0	0.5
France	65mm/50 Mle 1902, Mle 1888-91	HE	0 - 0.4	0	4	0.5 - 1.1	0	3	1.2 - 1.8	0/0	3	1.9 - 2.2	0/0	2
Germany	7.92mm MG 34	Solid	0 - 0.8	1	10	0.9 - 2.0	1	9	2.1 - 3.2	1/0	8	3.3 - 4.0	0/1	7
Germany	7.92mm MG 42	Solid	0 - 0.1	0	0.6	0.2 - 0.4	0	0.5	0.5 - 0.6	0/0	0.4	0.7 - 0.7	0/0	0.3
Germany	2cm Flak 30	HE	0 - 0.1	0	0.6	0.2 - 0.4	0	0.5	0.5 - 0.6	0/0	0.4	0.7 - 0.7	0/0	0.4
Germany	2cm Flak 38	HE	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
Germany	3.7cm Pak 36	APC	0 - 0.3	2	2	0.4 - 0.7	1	2	0.8 - 1.1	1/0	2	1.2 - 1.4	1/1	1
Germany	3.7cm Flak M42	HE	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
Germany	3.7cm Flak M43	HE	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
Germany	4cm Flak 28	HE	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
Germany	5cm SK L/40	HE	0 - 0.3	2	2	0.4 - 0.7	1	2	0.8 - 1.1	1/0	2	1.2 - 1.4	1/1	2
Germany	5cm SK L/55	HE	0 - 0.5	2	5	0.6 - 1.3	2	5	1.4 - 2.0	2/1	4	2.1 - 2.5	1/1	3
Germany	5cm Tbtis KL/40	HE	0 - 0.5	0	5	0.6 - 1.3	0	4	1.4 - 2.0	0/0	4	2.1 - 2.5	0/0	3
Germany	5.5cm Gerät 58 55/77	HE	0 - 0.5	0	3	0.6 - 1.3	0	3	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	2
Germany	6cm Bts KL/21	HE	0 - 0.5	0	3	0.6 - 1.3	0	3	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	2
Germany	6cm S-Bts KL/21	HE	0 - 0.5	1	3	0.6 - 1.3	1	3	1.4 - 2.0	0/0	3	2.1 - 2.5	0/1	2
Germany	8.8cm SK C/30	APC	0 - 0.5	1	5	0.6 - 1.3	0	4	1.4 - 2.0	0/0	4	2.1 - 2.5	0/0	3
Germany	10.5cm SK C/32	HE	0 - 0.5	0	8	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	15cm Tbtis KL/45	HE	0 - 0.5	1	8	0.6 - 1.3	1	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/1	5
Germany	0.303 cal. Vickers K, Hefah, Lewis	HE	0 - 0.5	0	8	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	0.5 inch MkIII	HE	0 - 0.5	0	8	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	Oerlikon 20mm/70, various Marks	HE	0 - 0.5	0	9	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	2pdr antitank gun	HE	0 - 0.5	0	9	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	2pdr MkII, MkVIII	HE	0 - 0.5	0	9	0.6 - 1.3	0	7	1.4 - 2.0	0/0	6	2.1 - 2.5	0/0	5
Germany	40mm/60 MkV	HE	0 - 0.5	1	12	0.6 - 1.3	1	11	1.4 - 2.0	1/0	9	2.1 - 2.5	1/1	8
Germany	40mm/60 MkVI	HE	0 - 0.5	1	12	0.6 - 1.3	1	11	1.4 - 2.0	1/0	9	2.1 - 2.5	1/1	8
Germany	Mk7 40mm/60	HE	0 - 0.5	1	12	0.6 - 1.3	1	11	1.4 - 2.0	1/0	9	2.1 - 2.5	1/1	8
Germany	Mk9 40mm/60	HE	0 - 0.5	1	12	0.6 - 1.3	1	11	1.4 - 2.0	1/0	9	2.1 - 2.5	1/1	8
Germany	Hotchkiss 3pdr QF MkI, II	HE	0 - 0.5	1	12	0.6 - 1.3	1	11	1.4 - 2.0	1/0	9	2.1 - 2.5	1/1	8
Germany	6pdr/10cwt QF MkI	HE	0 - 0.6	0	4	0.7 - 1.4	0	3	1.5 - 2.2	0/0	3	2.3 - 2.8	0/0	3
Germany	6pdr/6cwt QF MkI, II	HE	0 - 0.7	1	11	0.8 - 1.8	1	9	1.9 - 2.8	0/0	8	2.9 - 3.5	0/1	7
Germany	6pdr/8cwt QF MkI, II	HE	0 - 0.7	0	9	0.8 - 1.8	0	8	1.9 - 2.8	0/0	7	2.9 - 3.5	0/0	6
Germany	6pdr/7cwt QF MkIIA, V	APC	0 - 0.7	3	10	0.8 - 1.8	3	8	1.9 - 2.8	2/1	7	2.9 - 3.5	2/2	6

Annex C1 - Surface Guns

Country	Name Bore/Calibre	Shell Type	Short			Med			Long			Extreme		
			Range kysds	B-Pen	Dam	Range kysds	B-Pen	Dam	Range kysds	B/D	Dam	Range kysds	B/D	Dam
GB	12pdr/20cwt QF MkI, II, III, IV	HE	0-0.7	1	11	0.8-1.8	1	9	1.9-2.8	0/0	8	2.9-3.5	0/1	7
GB	4in/45 QF MkV	HE	0-3.9	1	12	4.0-7.8	0	10	7.9-10.4	0/0	9	10.5-13	0/0	8
GB	4in/45 MkIX	SAP	0-4.9	1	16	5.0-9.8	1	13	9.9-13.1	0/0	12	13.2-16.4	0/1	10
GB	4in/45 MkX	HE	0-4.9	6	14	5.0-9.8	4	11	9.9-13.1	3/1	10	13.2-16.4	2/2	9
GB	4in/45 MkXI	SAP	0-4.1	1	14	4.2-8.3	1	11	8.4-11.0	1/0	10	11.1-13.8	0/1	9
GB	4in/45 MkXII	HE	0-4.1	7	12	4.2-8.3	4	10	8.4-11.0	3/1	9	11.1-13.8	2/2	8
GB	4.7in/45 BL MkI, II	HE	0-6.0	1	16	6.1-12.0	1	14	12.1-16.0	1/0	12	16.1-20.0	0/1	11
GB	4.7in/45 MkIX, MkXII	SAP	0-6.0	7	15	6.1-12.0	4	12	12.1-16.0	3/1	11	16.1-20.0	2/3	9
GB	4.7in/45 MkXIII	HE	0-4.7	1	17	4.8-9.5	1	14	9.6-12.6	1/0	13	12.7-15.8	0/1	11
GB	4.7in/45 MkXIV	HE	0-5.1	1	18	5.2-10.2	1	15	10.3-13.6	1/0	14	13.7-17	0/1	12
GB	4.7in/45 MkXV	SAP	0-5.1	9	16	5.2-10.2	5	13	10.3-13.6	4/2	12	13.7-17	3/3	10
GB	6in/50 MkXXIII	HE	0-6.3	1	20	6.4-12.6	1	17	12.7-16.8	1/0	15	16.9-21	0/1	13
GB	6in/50 MkXXIV	SAP	0-6.3	9	18	6.4-12.6	5	14	12.7-16.8	4/2	13	16.9-21	3/3	11
Italy	8mm, 6.5 mm MGs	HE	0-6	2	22	6.1-12.6	1	18	12.7-20.2	1/1	16	20.3-25.2	1/1	14
Italy	Breda M1931 13.2mm/76	Solid	0-0.1	0	0.5	0.2-0.4	0	0.4	0.5-0.6	0/0	0.3	0.7-0.7	0/0	0.3
Italy	Breda 1935, 1939, 1940 20mm/65	Solid	0-0.2	1	0.8	0.3-0.6	1	0.7	0.7-0.9	1/0	0.6	1.0-1.1	1/0	0.5
Italy	Scotti-Isotta M1939,	HE	0-0.3	1	2	0.4-0.7	1	2	0.8-1.1	1/0	2	1.2-1.4	1/1	1
Italy	Scotti-OM M1941 20mm/70	HE	0-0.3	1	2	0.4-0.7	1	2	0.8-1.1	1/0	1	1.2-1.4	1/1	1
Italy	37/54 Br 1932, 1938, 1939	HE	0-0.4	0	4	0.5-1.1	0	4	1.2-1.8	0/0	3	1.9-2.2	0/0	3
Italy	40/39 VT 1915, 1917	HE	0-0.5	0	4	0.6-1.3	0	3	1.4-2	0/0	3	2.1-2.5	0/0	3
Italy	65/64 An 1939	HE	0-0.8	1	10	0.9-2.0	1	9	2.1-3.2	1/0	8	3.3-4.0	1/1	7
Italy	76/40 A, An 1917	HE	0-3.3	1	11	3.4-6.6	0	9	6.7-8.8	0/0	8	8.9-11	0/0	7
Italy	100mm/47 OTO 1924, 1927, 1928	APC	0-5	13	14	5.1-10	8	10	10.1-13.3	6/2	9	13.4-16.6	4/4	8
Italy	135/45 An 1938	HE	0-5	1	15	5.1-10	1	12	10.1-13.3	1/0	11	13.4-16.6	0/1	10
Japan	Type 92 7.7mm mg	HE	0-6.4	2	19	6.5-12.7	10	13	12.8-17	8/3	11	17.1-21.2	6/5	10
Japan	Type 93 13.2mm/76	APC	0-0.1	0	0.5	0.2-0.4	0	0.4	0.5-0.6	0/0	0.3	0.7-0.7	0/0	0.3
Japan	Type 96 25mm/60	APC	0-0.2	1	1	0.3-0.6	1	1	0.7-0.9	1/0	1	1-1.1	0/0	1
Japan	Type 94 37mm field gun	HE	0-0.3	2	2	0.4-0.8	2	2	0.9-1.3	1/1	2	1.4-1.6	1/1	2
Japan	Type 5 40mm	HE	0-0.4	0	3	0.5-1.1	0	3	1.2-1.8	0/0	2	1.9-2.2	0/0	2
Japan	Vickers 2pdr	HE	0-0.5	1	5	0.6-1.3	0	4	1.4-2.0	0/0	4	2.1-2.5	0/0	3
Japan	Type 88 75mm/44	APC	0-0.5	3	4	0.6-1.3	3	4	1.4-2.0	2/1	3	2.1-2.5	2/2	3
Japan	11th Yr Type 8cm/40	HE	0-0.5	0	4	0.6-1.3	0	3	1.4-2.0	0/0	3	2.1-2.5	0/0	3
Japan	3rd Yr Type 8cm/40	APC	0-4.2	7	16	4.3-8.4	4	14	8.5-11.2	3/1	12	11.3-14.0	2/2	11
Japan	SpCOM	HE	0-4.2	1	20	4.3-8.4	0	18	8.5-11.2	0/0	16	11.3-14.0	0/0	14
Japan	11th Yr Type 8cm/40	HE	0-3.5	3	10	3.6-7.1	2	8	7.2-9.4	1/0	7	9.5-11.8	1/1	6
Japan	3rd Yr Type 8cm/40	HE	0-3.5	1	12	3.6-7.1	0	10	7.2-9.4	0/0	9	9.5-11.8	0/0	8
Japan	3rd Yr Type 8cm/40	HE	0-3.5	1	12	3.6-7.1	0	10	7.2-9.4	0/0	9	9.5-11.8	0/0	8
Japan	3rd Yr Type 8cm/40	APC	0-3.5	7	10	3.6-7.1	4	8	7.2-9.4	3/1	7	9.5-11.8	2/2	6

Annex C1 - Surface Guns

Country	Name Bore/Calibre	Shell Type	Short			Med			Long			Extreme		
			Range kysds	B-Pen	Dam	Range kysds	B-Pen	Dam	Range kysds	B/D	Dam	Range kysds	B/D	Dam
Japan	3rd Yr Type & 11th Yr Type 12cm/45	COM HE	0 - 5.3 0 - 5.3	4 15	14 15	5.4 - 10.6 5.4 - 10.6	3 1	11 13	10.7 - 14.1 10.7 - 14.1	2/1 1/0	10 11	14.2 - 176 14.2 - 176	1/2 0/1	9 10
Japan	Type 89 12.7cm/40	COM	0 - 4.8	4	16	4.9 - 9.6	2	13	9.7 - 12.8	2/1	12	12.9 - 16	1/2	10
Japan	3rd Yr Type 12.7cm/50	COM	0 - 4.8 0 - 6	1 5	18 16	4.9 - 9.6 6.1 - 12	1 3	15 13	9.7 - 12.8 12.1 - 16	1/0 2/1	14 11	12.9 - 16 16.1 - 20	0/1 2/2	12 10
Japan	11th Yr Type 14cm/40	COM	0 - 6 0 - 5.3	2 4	17 16	6.1 - 12 5.4 - 10.6	1 3	14 13	12.1 - 16 10.7 - 14.1	1/1 2/1	13 12	16.1 - 20 14.2 - 176	1/1 2/2	11 12
Japan	3rd Yr Type 14cm/50	SpCOM COM	0 - 6.6 0 - 6.6	9 6	17 17	6.7 - 13.2 6.7 - 13.2	5 3	13 14	13.3 - 17.6 13.3 - 17.6	4/1 3/1	12 13	17.7 - 22 17.7 - 22	3/2 2/2	10 11
Japan	41st Yr Type & Vickers Mk M 15cm/50	COM HE	0 - 5.8 0 - 5.8	6 2	19 22	5.9 - 12 5.9 - 12	4 1	16 18	12.1 - 19.2 12.1 - 19.2	3/1 1/1	14 16	19.3 - 24 19.3 - 24	2/3 2/1	12 14
Japan	3rd Yr Type No. 2 20cm/50	APC	0 - 7 0 - 7	34 3	26 28	7.1 - 16 7.1 - 16	23 2	20 23	16.1 - 25.6 16.1 - 25.6	16/5 2/1	17 21	25.7 - 32 25.7 - 32	12/10 1/2	15 18
Japan	41st Yr Type & Vickers Mk M 15cm/50	APC HE	0 - 7.6 0 - 7.6	62 6	39 43	7.7 - 19 7.7 - 19	44 4	31 36	19.1 - 30.4 19.1 - 30.4	31/10 3/2	27 32	30.5 - 38 30.5 - 38	24/20 2/4	23 29
Sweden	Bofors 25mm M/32	HE	0 - 0.3	0	2	0.4 - 0.8	0	2	0.9 - 1.3	0/0	2	1.4 - 1.6	0/0	2
Sweden	Bofors 40mm/43 M/32	HE	0 - 0.5	0	4	0.6 - 1.3	0	4	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	3
Sweden	Bofors 40mm/60 M/36	HE	0 - 0.5	1	4	0.6 - 1.3	0	4	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	3
Sweden	Finspang M 1891 57mm	HE	0 - 0.7	1	10	0.8 - 1.8	1	9	1.9 - 2.8	0/0	8	2.9 - 3.5	0/1	7
USA	0.30 cal MGs	Solid	0 - 0.1	1	0.5	0.2 - 0.4	0	0.4	0.5 - 0.6	0/0	0.4	0.7 - 0.7	0/0	0.3
USA	Browning M2 .50 cal.	Solid	0 - 0.2	1	0.8	0.3 - 0.5	1	0.7	0.6 - 0.8	1/0	0.6	0.9 - 1.0	1/0	0.5
USA	Mk2, 4, 5, 6, 10, 20, 24 20mm/70	APC	0 - 0.3	1	2	0.4 - 0.7	1	2	0.8 - 1.1	1/0	2	1.2 - 1.4	1/1	1
USA	Mk2 Mods 2-6 1.1in/75	APC	0 - 0.3	2	3	0.4 - 0.8	2	3	0.9 - 1.3	1/1	2	1.4 - 1.6	1/1	2
USA	M4, M9 37mm Aircraft Cannon	HE	0 - 0.4	0	4	0.5 - 1.1	0	4	1.2 - 1.8	0/0	3	1.9 - 2.2	0/0	3
USA	Mk1/2 40mm/60 (PT Mount)	HE	0 - 0.5	0	4	0.6 - 1.3	0	3	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	3
USA	Mk1, 2, 3 40mm/60	HE	0 - 0.5	0	4	0.6 - 1.3	0	3	1.4 - 2.0	0/0	3	2.1 - 2.5	0/0	2
USA	Mk10, 17, 18, 20, 21, 22, 23, 26 3in/50	AP	0 - 4.4	7	11	4.5 - 8.8	4	8	8.9 - 11.7	3/1	7	11.8 - 14.6	2/2	6
USSR	762mm ShKAS	HC	0 - 4.4	1	11	4.5 - 8.8	1	9	8.9 - 11.7	0/0	8	11.8 - 14.6	0/0	7
USSR	12.7mm DShK 1938, 2M-1, 2-UK	Com Solid	0 - 4.4 0 - 0.1	3 0	11 0.6	4.5 - 8.8 0.2 - 0.4	2 0	9 0.5	8.9 - 11.7 0.5 - 0.6	1/1 0/0	8 0.4	11.8 - 14.6 0.7 - 0.7	1/1 0/0	7 0.4
USSR	20mm ShVAK	HE	0 - 0.3	0	2	0.4 - 0.7	0	2	0.8 - 1.1	0/0	2	1.2 - 1.4	0/0	2
USSR	70K 37mm/67 (M1939)	HE	0 - 1.8	0	3	1.9 - 4.6	0	3	4.7 - 7.3	0/0	2	7.4 - 9.1	0/0	2
USSR	46K, V-11M 37mm/67	AP	0 - 1.8	4	3	1.9 - 4.6	3	3	4.7 - 7.3	3/1	2	7.4 - 9.1	2/2	2
USSR	21K, 40K, 41K 45mm/46 M1932	HE	0 - 0.4	0	3	0.5 - 1.1	0	3	1.2 - 1.8	0/0	3	1.9 - 2.2	0/0	2
USSR	34K 76mm/55 (M1934)	HE	0 - 2.1	1	4	2.2 - 5.3	1	3	5.4 - 8.5	0/0	3	8.6 - 10.6	0/1	2
USSR	85mm/53 tank gun	AP	0 - 2.1	4	4	2.2 - 5.3	4	3	5.4 - 8.5	3/1	3	8.6 - 10.6	2/2	2
USSR	34K 76mm/55 (M1934)	HE	0 - 2.9	1	10	3.0 - 5.9	1	8	6.0 - 7.8	0/0	7	7.9 - 9.8	0/0	6
USSR	85mm/53 tank gun	AP	0 - 2.9	7	12	3.0 - 5.9	4	9	6.0 - 7.8	3/1	8	7.9 - 9.8	0/0	8
USSR	85mm/53 tank gun	HE	0 - 0.6	1	13	0.7 - 1.2	1	11	1.3 - 1.6	0/0	10	1.7 - 2.0	0/1	9

Annex C1 - Surface Guns

Country	Name Bore/Calibre	Shell Type	Short		Med		Long		Extreme	
			Range kysds	B-Pen Dam	Range kysds	B-Pen Dam	Range kysds	B/D Pen	Range kysds	B/D Pen
USSR	102mm/60 Pattern 1911 w/ 1915 ammo	HE	0 - 5.3	1 18	5.4 - 10.6	0 15	10.7 - 14.1	1/0 14	14.2 - 17.6	0/1 12
USSR	B-34 100mm/56	APC	0 - 7.4	14 15	7.5 - 14.7	8 12	14.8 - 19.6	6/2 10	19.7 - 24.5	5/4 9
USSR	130mm/55 Pattern 1913	HE	0 - 7.4	1 17	7.5 - 14.7	1 14	14.8 - 19.6	1/0 12	19.7 - 24.5	0/1 11
USSR	B-1-P 180mm/57 Pattern 1932	APC	0 - 5.9	2 20	6.0 - 11.8	1 17	11.9 - 15.7	1/1 15	15.8 - 19.6	1/1 13
USSR		APC	0 - 5.9	17 18	6.0 - 11.8	10 14	11.9 - 15.7	8/3 12	15.8 - 19.6	6/5 10
USSR		APC	0 - 8.5	32 25	8.6 - 20.7	22 19	20.8 - 33.0	15/5 16	33.1 - 41.3	12/9 14
USSR		HE	0 - 8.5	3 26	8.6 - 21.1	2 22	21.2 - 33.8	2/1 19	33.9 - 42.2	1/2 17
USSR	305mm/52 M1907 Coast Defense	APC	0 - 5.4	51 34	5.5 - 13.5	36 27	13.6 - 21.6	25/8 23	21.7 - 27.0	20/16 20
USSR		HE	0 - 5.4	6 36	5.5 - 13.5	4 30	13.6 - 21.6	3/2 26	21.7 - 27.0	2/4 23

Annex F - Torpedoes

Country	Name	Speed kts	Range yds	Diam	Launch Platforms	IOC	Warhead Plts	Dam Plts	Remarks
GB		30	10000						
GB	21in MkIX/IX*	41	11000	533	Surf	1930	330	84	
GB		35	15000						
GB	18in MkXII	40	1500	450	Surf, Air	1937	176	68	
GB		27	3500						
GB	18in MkXXV (Surf)	40	2500	450	Surf	1943	247	86	
GB		33	3500						