

# Seaslug documentation - contents of Box 1

## Document Title

General progress report of Project 502, Jan 1953 - Aug 1953  
General progress report of Project 502, Sept 1953 - Feb 1954  
Seaslug Mk 2 Fuze-Warhead matching studies  
Comparison between the vibration spectra used in testing Seaslug Mk 2 fuzes  
GW17 proximity fuze for Seaslug Mk 2 Certificate of Design (Parts 2-5)  
GW17 proximity fuze Type SW42 for Seaslug Mk 2 Certificate of Design (Parts 2-5)  
Seaslug Mk 2 fuze surveillance programme, report on fuzes serial nos SW42/H783 and H855  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos SW42/H607 and H974  
Seaslug Mk 2 fuze surveillance programme, report on fuzes Type SW42 serial nos H598 and H749  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos H657 and H968  
Final report on the four Seaslug Mk 2 GW17 surveillance fuzes for the year 1974-75  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos SW42/H844 and H908  
Final report on the first four Seaslug Mk 2 GW17 surveillance fuzes  
Final report on the four Seaslug Mk 2 GW17 surveillance fuzes for the year 1972-73  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos SW42/H679 and H752  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos SW42/H514 and H653  
Seaslug Mk 2 fuze surveillance programme fuzes serial nos SW42/H544 and H630  
Final report on the four Seaslug Mk 2 GW17 surveillance fuzes for the year 1973-74  
Final report on the Stage 2 design testing of Fuze, Guided Missile, Electronic (K13A1), serial no H511  
Final report on the Stage 2 design testing of Fuze, Guided Missile, Electronic (K13A1), serial no H861  
Addendum to report on the Stage 2 design testing of Fuze, GM, Electronic (K13A1) serial no H864  
Final report on the Stage 2 design testing of Fuze, Guided Missile, Electronic (K13A1), serial no F191  
Final report on the Stage 2 design testing of Fuze, Guided Missile, Electronic (K13A1), serial no H508  
500 hour life test on the Type M59 Mk 7 motor used in the Seaslug Mk 2 GW17 fuze  
Seaslug Mk 2 GW17 fuze, a reassessment of the probability of binding or spuriously triggering from the sun  
The effects of variations in atmospheric CO2 content on Seaslug Mk 2 fuze test equipment target energy levels  
The triggering probability of the Seaslug Mk 2 GW17 fuze for near-head on engagements  
Seaslug Mk 2 fuze, derivation of the fuze target channel sensitivity tolerance structure  
Seaslug Mk 2 fuze & service test equipment life & reliability exercise  
The performance of the Seaslug Mk 2 GW17 fuze against solid fuel rocket motors (Retriever, Deerhound & Pointer)  
Development and qualification of E578 Deerhound Mk II  
Production evaluation tests on the Break-up Sensing Unit for Seaslug Mk 2 telemetry rounds  
Seaslug Mk 2 GW10 fuze component trials, round nos SA78 and SA79  
Seaslug Mk 2 - practice firings trials analysis interim report, trial nos GL45-47  
Seaslug Mk 2 - practice firings trials analysis interim report, trial no AN20  
Analysis of Seaslug Mk 2 gas generator performance following damage from fragmentation type warhead  
Results of 4 special ground trials carried out to prove modification QAC223 on the CFE installation, Seaslug Mk 2  
Ordnance Board trials carried out on the TP2C (E5400) IPN gas generator  
Hot gas test on EU1a candle flame extinguisher having severe internal corrosion  
The schedule for proving of modification QAC223 on candle flame extinguisher installation on Seaslug Mk 2  
Test on Porosint filter material used in the EU1a candle flame extinguisher  
Seaslug Mk 2 practice firing trials analysis report, missile no S2E188 (F121)  
Seaslug Mk 2 post flight simulation of flight trial of S2E73  
The tactical employment of the naval beam-riding weapon Seaslug  
Seaslug Mk 2 practice firing trials analysis report, missile no S2E31 (NO15)  
Preliminary report on Seaslug Mk 2 surveillance control equipment S2E50 and S2E80  
Environmental acceptance testing of a Seaslug Mk 2 package  
Certificate of Design for the clearance of Seaslug missile S2E  
Mark 2 Seaslug control equipment design aim  
Seaslug Mk 2 GW10 fuze component trials, round nos SA83 and SA84

Publisher	Reference No.	Date	Classification	Copy No	Registry No	Notes
AWA		Sept 1953	Secret	88	538215	
AWA		Mar 1954	Secret	99	538216	
RAE	WE 1182(E)	Aug 1965	Secret			
EMIE	DMP 2624	Dec 1968	Restricted	10		
EMIE	DMP 1939	Sept 1964	Secret	13		
EMIE	DMP 3758	Dec 1971	Secret	15		
EMIE	DMP 4009	Apr 1972	Restricted	11		
EMIE	DMP 4302	Aug 1973	Restricted	12		
EMIE	DMP 4123	Nov 1972	Restricted	11		
EMIE	DMP 4737	Dec 1975	Restricted	10		
EMIE	DMP 4815	Apr 1976	Confidential	11		
EMIE	DMP 4250	Jun 1973	Restricted	13		
EMIE	DMP 4155	Dec 1972	Restricted	14		
EMIE	DMP 4344	Nov 1973	Confidential	14		
EMIE	DMP 5283	Jun 1978	Restricted	10	535788	
EMIE	DMP 4640	Jul 1975	Restricted	11		
EMIE	DMP 4538	Dec 1974	Restricted	12		
EMIE	DMP 4641	Aug 1975	Confidential	13		
EMIE	DMP 4181	Jan 1973	Restricted	8		
EMIE	DMP 4183	Feb 1973	Restricted	8		
EMIE	DMP 4074/1	Mar 1973	Restricted	8		
EMIE	DMP 4182	Mar 1973	Restricted	8		
EMIE	DMP 4180	Jan 1973	Restricted	8		
EMIE	DMP 3901	Aug 1971	Restricted	9		
EMIE	DMP 3718/1	Oct 1971	Secret	7	535947	Issue 2
EMIE	DMP 3902	Sept 1971	Secret	20		
EMIE	DMP 3931	Oct 1971	Secret	7		
EMIE	DMP 3718/1	Jan 1972	Secret	14		Issue 2
EMIE	DMP 4159	Feb 1973	Secret	10		
EMIE	DMP 3865	Jun 1971	Secret	6		
IMI (SRS)	TN 76/15	Mar 1976	Confidential	2		
HSD (C)	EV 254	Jul 1967	Confidential	6		
EMIE	DMP 1443	Apr 1963	Secret	6		
HSD (H)	GW 76/173	1976	Secret	23		
HSD (H)	GW 76/210	1976	Secret	23		
HSD (C)	DV 233	Nov 1967	Secret	M		
HSD (C)	DV 102	Nov 1968	Confidential	15		
HSD (C)	DV 113	May 1967	Confidential	1		
HSD (C)	DV 101	Aug 1966	Confidential	2		
HSD (C)	DV 99	Sept 1966	Confidential	15		
HSD (C)	DV 95	Mar 1968	Confidential	7		
HSD (H)	GW 76/182	Jun 1976	Secret	33		
HSD (H)	GW 76/235	Aug 1976	Secret	15		
RAE (F)	GW 283	Nov 1953	Secret			
HSD (H)	GW 76/165	Jun 1976	Secret	33		
Sperry	TR 557	May 1976	Restricted	18		
HSD (C)	D 63	Oct 1964	Confidential	6		
HSD (H)	M 1803	Jul 1973	Secret	22		
Sperry	TR 233	Jan 1965	Secret	5		Issue 5
EMIE	DMP 1511	Jun 1963	Secret	6		

Seaslug Mk 2 GW10 fuze component trials, round nos SF7 and SF8  
Seaslug Mk 2 GW10 fuze component trial, round no SA77  
A design proposal for fitting the Prangei fuze in Seaslug Mk 2  
Seaslug Mk 2 flight reliability  
Seaslug Mk 2 surveillance report (final)  
Seaslug Mk 2 practice firing trials analysis report, missile no S2E208 (F122)  
Seaslug Mk 2 practice firing trials analysis report, missile no S2E14 (GL42)  
Functioning and safety tests for the TP2C gas generator for the Seaslug Mk 2 missile  
Seaslug Mk 2 surveillance exercise (No 2) 19  
Seaslug Mk 2 surveillance report (interim)  
GW17 fuze depot and factory test equipments design aim  
Revision of the Seaslug Mk 2 performance study (SW42 IR fuze) Section 1 Part 4  
Seaslug Mk 2 feasibility study for a replacement fuze, targets and fuze switching contours  
Seaslug Mk 2 test equipment compatibility specification (ship)  
Specification for the production testing of Board No 613 forming part of Seaslug missile test equipment Mark 2  
Specification for the production testing of Board No 611 forming part of Seaslug missile test equipment Mark 2  
Specification for the production testing of Board No 221 forming part of Seaslug missile test equipment Mark 2  
Specification for the production testing of Board No 219 forming part of Seaslug missile test equipment Mark 2  
Specification for the production testing of Board No 217 forming part of Seaslug missile test equipment Mark 2  
Specification for the production testing of Board No 214 forming part of Seaslug missile test equipment Mark 2  
An investigation into the behaviour of Seaslug Mk 2 using the CAS mode at low altitude  
Post-firing simulation report acceptance trial no A10  
Post-firing simulation report, round no S2D8, acceptance trial no A9  
Post-firing simulation report, round no S2D13, acceptance trial no W1  
Post-firing simulation report, round no S2D9, acceptance trial no A7  
Post-firing simulation report, round no S2D12, acceptance trial no A6  
Post-firing simulation report, round no S2D7, acceptance trial no A5  
Post-firing simulation report, round no S2D6, acceptance trial no A4

EMIE	DMP 1445	Apr 1963	Secret	6	
EMIE	DMP 1444	Apr 1963	Secret	6	
EMIE	DMP 1257	May 1962	Secret	13	
HSD (H)	GW 78/078	Feb 1976	Secret	15	Issue 2
MSDS	PDS/SS2/059	Mar 1976	Restricted		
HSD (H)	GW 76/061	Apr 1976	Secret	33	
HSD (H)	GW 76/010	Mar 1976	Secret	34	
HSD (C)	DV 68	Jun 1964	Confidential	18	Issue 3
HSD (H)	GW 74/107	Apr 1974	Confidential	27	
MSDS	PDS/SS2/055	Oct 1975	Restricted		
EMIE	DMP 1705	Apr 1964	Secret	17	
HSD (C)	R 114	Mar 1967	Secret	17	540549
HSD (H)	GW 70/092	Jun 1970	Secret	17	540583
GEC (BOW)	MTE2/1024	May 1967	Secret	1/1	
GEC (BOW)	MTE2/813	Apr 1964	Restricted	1	
GEC (BOW)	MTE2/811	Apr 1964	Secret	1	
GEC (BOW)	MTE2/221	Jul 1963	Secret		
GEC (BOW)	MTE2/219	Mar 1963	Secret		Issue 2
GEC (BOW)	MTE2/217	Sept 1963	Secret		Issue 2
GEC (BOW)	MTE2/214	Oct 1963	Secret		Issue 4
HSD (C)	R 3017	Nov 1963	Secret	2	
HSD (C)	R 2323	Feb 1966	Secret	2	
HSD (C)	R 2322	Oct 1965	Secret	2	
HSD (C)	R 2321	Mar 1966	Secret	2	
HSD (C)	R 2320	Aug 1965	Secret	2	
HSD (C)	R 2319	Jul 1965	Secret	2	
HSD (C)	R 2318	Jul 1965	Secret	2	
HSD (C)	R 2317	May 1965	Secret	2	

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Document Title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Seaslug Mk 2 fuze service test equipment (depot & factory)	EMIE	DMP 1523	Oct 1963	Secret	55		
Seaslug Mk 2 fuze service test equipment (ship)	EMIE	DMP 1522	Jul 1963	Secret	55		
Seaslug Mk 2 GW10 fuze component trials, round nos. SF17 and SF18	EMIE	DMP 1582	Jul 1963	Secret	8		
Seaslug Mk 2 fuze surveillance programme, fuzes serial nos. SW42/H651 and H896	EMIE	DMP 4389	Apr 1974	Restricted	13		
Seaslug Mk 2 R&D trial, round no. S2C50. GW17 fuze report	EMIE	DMP 2462	May 1962	Secret	6		
Seaslug Mk 2 R&D trial round no. S2C38. GW16 fuze report	EMIE	DMP 2164	Jun 1965	Secret	6		
Proving trials on R F hazard measuring equipment, July to September 1964	EMIE	DMP 1987	Dec 1964	Secret	7		
Seaslug Mk 2 R&D trial round no S2C63. GW17 fuze report	EMIE	DMP 2607	Oct 1966	Secret	6		
Mechanical Test Laboratory - bend tests on 502/P(S) wing	AWA	LTN 34		Secret	M		
Proposed method of Pranger fuze replacement in the MCR of GM destroyers	AWA			Secret	14		
Advance information, trial no S2C8	AWA	G 265	1963	Secret	3		
Proposals for a variable 'look-angle' capacitance fuze for the Seaslug 2 missile	MSDS	FD/ 911	Aug 1971	Secret	18		
Pranger fuze in Seaslug Mk 2	AWA	SRM 138 Ad 1	Mar 1982	Confidential			
Seaslug stowage safety trials (Ordnance Board Proceedings GP 26)	RAE (F)	RPD 6	May 1949	Secret			
Production evaluation work-up tests on S2C65	HSD (C)	EV 170	Aug 1965	Confidential	23	534470	
Seaslug Mk 2 acceptance test candleflame extinguisher	HSD (C)	EV 193	Oct 1965	Restricted		534465	
JMC 744 - an overall analysis of HMS Glamorgan's GW air defence performance (shortened report)	MoD/ASV/E		Aug 1975	Secret			
Preliminary report on Seaslug Mk 2 surveillance control equipment S2E51 and S2E168	Sperry	TR 481	Jan 1975	Restricted	8		
Operation of the Fuze Segment Selector Unit during R&D trials (Seaslug Mk II)	Sperry	TR 301	Dec 1968	Secret	12		
Seaslug Mk 2 post flight simulation of flight trial S2E62	HSD (H)	GW 74/048	Feb 1974	Secret	17		
Seaslug Mk 1 surveillance, third interim report on Foxhound motor and associated igniter & igniter primer	IMI (SRS)	TN 74/21	Jul 1974	Restricted			
Seaslug Mk 2 life extension surveillance exercise 1973	IMI (SRS)	TN 74/22	Jul 1974	Restricted	9		
Seaslug Mk 2 - a revised suggested firing policy	BAeDG (H)	GW 77/009	Feb 1980	Secret	8	535895	
A description of the Seaslug Mk 2 performance study	HSD (C)	R 60	Jun 1966	Secret	3		
The Seaslug Mk 2 performance study, Section 1, Part 2	HSD (C)	R 62	Dec 1964	Secret	18		
GW5 2 with Seaslug Mk 2, outline proposals for extension of system performance beyond current SR	HSD (C)	R 126	Sep 1967	Secret	22		
Seaslug coolant isolating valve trial	BAeDG (H)	GW 81/070	Feb 1981	Unc			
Seaslug Mk 2 - practice firings trials analysis interim report, trial nos NO26-7	BAeDG (H)	GW 79/368	1980	Secret	19	535874	
Seaslug Mk 2 - practice firings trials analysis interim report, trial no F132	BAeDG (H)	GW 78/320	1978	Secret	20	535878	
Seaslug Mk 2 - practice firings trials analysis interim report, trial nos AN21-2	HSD (H)	GW 78/358	1978	Secret	25	534519	
Seaslug Mk 2 - practice firings trials analysis interim report, trial nos AN36-38	BAeDG (H)	GW 81/287	1981	Secret	18	535862	
Test set, guided missile fuze - Seaslug Mk 2 (depot equipment), amendment list no 6 to edition 2	T-EMIE	GWESS 1135	Nov 1982	Restricted			
Seaslug Mk 2 defect reporting - depot stop list procedure	MoD/NASDA	NMTN 1011	Jun 1983	Restricted			
A mathematical model for the Seaslug Mk 2 GW17 fuze, addendum to DMP 5145	EMIE	SA 509	Apr 1981	Secret	3		
Seaslug missile Mk 2 Mod 0 test equipment, amendment list no 38 to BR4899(MODS)(2), Vol 2	MoD/RNBAS	P 825/83	May 1983	Restricted			
Seaslug missile Mk 2 Mod 0 test equipment, amendment list no 47 to BR4899(MODS)(2), Vol 3	MoD/RNBAS	P 958/83	Jun 1983	Restricted			
Seaslug Mk 2 - the effect on missile guidance of a guidance beam transmission frequency of 9150 Mc/sec	HSD (H)	GW 68/082	Oct 1968	Secret	19	536047	
Seaslug Mk 2 - practice firings trials analysis interim report, trial nos AN16-18 inc	HSD (H)	GW 75/193	1975	Secret	23		
Seaslug Mk 2 GW10 fuze component trials, round nos SA81 and SA82	EMIE	DMP 1512	Jun 1963	Secret	6		
Seaslug Mk 2 - practice firings trials analysis interim report, trial no. NO18	HSD (H)	GW 78/341	1976	Secret	23	534517	
Seaslug Mk 2 post flight simulation of flight round S2E67	BAeDG (H)	GW 75/235	1980	Secret	10	535701	
Draft proposals for work to establish an extended service life for Seaslug Mk 1	HSD (H)	GW 68/081	1968	Secret		535959	
Testing of two types of hot gas joint for Project 502/PL, trial no CG116	AWA	TM 23	Feb 1954	Unc		534228	
Trial No 704 - preliminary tests on a nitrogen operated power supplies system for 502 P(S)	AWA	TM 94	Jul 1955	Secret		534229	
502 Mk 1 type record	AWA			Restricted			
General progress report of Project 502 (March - July, 1950)	AWA		Aug 1950	Secret	140	536221	
General progress report of Project 502 (July, 1950 - August, 1951)	AWA		Aug 1951	Secret	50	536222	
General progress report of Project 502 (Sept 1951 - May, 1952)	AWA		Jun 1952	Secret	76	536223	
General progress report of Project 502 (June - Dec 1952)	AWA		Jan 1953	Secret	87	536224	
General progress report of Project 502 (March 1954 - August, 1954)	AWA		Oct 1954	Secret	98	536217	

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## Document Title

- Trial specification for RN Seaslug Mk II acceptance trials
- Re-qualification of Retriever design and manufacture, April to December 1970
- Magazine safety drencher valves, progress statement May, 1969
- Report of the investigation into the ignition failure of the port boost motor on missile S2E162
- Report on Seaslug Mk 2 surveillance control equipments S2E89, 190, 51 and 188
- Preliminary report on Seaslug Mk 2 surveillance control equipment S2E69 and S2E190
- Preliminary report on Seaslug Mk 2 surveillance control equipment S2E20 and S2E44
- Seaslug Mk 2 practice firing trials analysis report, trial no AN12
- Seaslug Mk 2 practice firing trials analysis report, trial no GL30
- Acceptance tests for Seaslug separation valve Type D 11358
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos FI21-22
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos NO11-13
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos NO09-10
- Minutes of the 45th Seaslug Performance Committee meeting
- Seaslug Mk 2 practice firing trials analysis report, trial no F118
- Seaslug Mk 2 practice firing trials analysis report, trial no F117
- Seaslug Mk 2 practice firing trials analysis report, trial no GL33
- Seaslug Mk 2 practice firing trials analysis report, trial no GL34
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos GL39-42 inc
- Seaslug Mk 2 practice firing trials analysis report, trial no AN10
- Seaslug Mk 2 practice firing trials analysis report, trial no GL31
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos F119-20
- F&D missile analysis report, trial S2C14
- Acceptance tests for Seaslug sustainer delay units, Type C11397
- F&D missile analysis report, trial S2C12
- F&D missile analysis report, trial S2C11
- F&D missile analysis report, trial S2C7
- F&D missile analysis report, trial S2C8
- F&D missile analysis report, trial S2C5
- F&D missile analysis report, trial S2C4
- F&D missile analysis report, trial S2C3
- F&D missile analysis report, trial S2C32
- F&D missile analysis report, trial S2C29
- Project 502 recovery (flight trial) report S2A18
- F&D missile analysis report, trial S2C8
- Wind tunnel tests on the AWA Seaslug missile, of the effect of boost thrust asymmetry on lateral force
- Seaslug Mk II simulation control equations
- S2A13 and S2A14 flight vibration results
- Progress of work at Summerfield Research Station on Retriever 'Get Well' programme
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos NO16-17
- Seaslug Mk 2 practice firing trials analysis report, trial no AN14
- Seaslug Mk 2 practice firing trials analysis report, trial no AN11
- Seaslug Mk 2 practice firing trials analysis report, trial no AN13
- Seaslug Mk 2 practice firing trials analysis report, trial no GL37
- Seaslug Mk 2 practice firing trials analysis report, trial no GL36
- Seaslug Mk 2 practice firing trials analysis report, trial no AN15
- Seaslug Mk 2 practice firing trials analysis report, trial no GL38
- Seaslug Mk 2 practice firing trials analysis report, trial no GL32
- Report on the vibration tests carried out on eight modified gas generator igniters Type K31 A1
- Seaslug Mk 2 practice firing trials analysis interim report, trial nos GL43-44

	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
	MoD/RAE/A		Apr 1984	Secret			
	IMI (SRS)	TN 71/7	Feb 1971	Confidential			
	IMI (SRS)	TR 68/4	Mar 1969	Confidential			
	IMI (SRS)	TR 71/13	Aug 1971	Confidential			
	Sperry	TR 482	Apr 1975	Restricted		7	
	Sperry	TR 489	Jul 1974	Restricted		6	
	Sperry	TR 500	Aug 1975	Restricted		8	
	HSD (H)	GW 74/078	1974	Secret		39	
	HSD (H)	GW 74/122	1974	Secret		39	
	HSD (H)	GW 73/160	1973	Restricted			
	HSD (H)	GW 75/051	1975	Secret		23	
	HSD (H)	GW 74/346	1974	Secret		24	
	HSD (H)	GW 74/207	1974	Secret		24	
	HSD (H)		1975	Secret		24	
	HSD (H)	GW 74/008	1974	Secret		40	
	HSD (H)	GW 73/822	1974	Secret		40	
	HSD (H)	GW 74/227	1974	Secret		39	
	HSD (H)	GW 74/254	1974	Secret		37	
	HSD (H)	GW 75/014	1975	Secret		23	
	HSD (H)	GW 74/050	1974	Secret		39	
	HSD (H)	GW 74/145	1974	Secret		39	
	HSD (H)	GW 74/170	1974	Secret		24	
	HSD (C)	H 272	Nov '1963	Secret		1	
	HSD (H)	GW 73/832	1973	Restricted			
	HSD (C)	H 288	Aug 1964	Secret		1	
	HSD (C)	H 285	Feb 1964	Secret		1	
	HSD (C)	H 283	Dec 1963	Secret		1	
	HSD (C)	H 1040	May 1964	Secret		1	
	HSD (C)	H 281	Oct 1963	Secret		1	
	HSD (C)	H 1038	Dec 1963	Secret		1	
	HSD (C)	H 280	Aug 1963	Secret		1	
	HSD (C)	H 1045	Apr 1964	Secret		1	
	HSD (C)	H 275	Apr 1964	Secret		1	
	WGA (W)	E 173/4	Oct 1962	Secret		12	
	HSD (C)	H 284	Mar 1964	Secret		1	
	RAE (F)	Aero 2880	Apr 1960	Secret			
	Sperry	TL 234	Nov 1972	Confidential		3	
	HSD (C)	EV 163	Aug 1964	Confidential		26	
	IMI (SRS)	TN 70/24	Sep 1970	Confidential			
	HSD (H)	GW 78/209	1976	Secret		23	
	HSD (H)	GW 74/002	1974	Secret		40	
	HSD (H)	GW 74/064	1974	Secret		39	
	HSD (H)	GW 74/097	1974	Secret		39	
	HSD (H)	GW 74/188	1974	Secret		39	
	HSD (H)	GW 74/157	1974	Secret		39	
	HSD (H)	GW 74/305	1974	Secret		37	
	HSD (H)	GW 74/181	1974	Secret		39	
	HSD (H)	GW 74/218	1974	Secret		39	
	HSD (H)	GW 74/243	Dec 1974	Restricted			
	HSD (H)	GW 75/138	1975	Secret		24	

Seaslug Mk 2 practice firing trials analysis interim report, trial nos. NO14, 15, F123

CP 1A gas generator flight clearance tests

A summary of available information on the performance of Seaslug Mk 2 using the range coincidence fuze

Surveillance of Seaslug Mk 2 warhead GM HE CR K13A1 serial nos. 7 & 20

Seaslug Mk 2 life extension surveillance exercise 1974

SO: Mk 2 rear body flexural and torsional strength and stiffness tests

Schedule of operations for Seaslug Mk 2 equipment surveillance exercise

Report on Seaslug Mark 2 Builds 7 and 8 supplementary EMC trials

A specification for a work programme to revise the data for ADA

The effects of RF attenuation due to cabling on the performance of Seaslug Mk 2

Seaslug Mk II - investigation on rear body/motor body joint

Environmental acceptance testing of a Seaslug Mark 2 package bay telemetry container serial no. S4/NM/1152

Environmental acceptance testing of a Seaslug Mark 2 front boost attachment container serial no. S4/NM/1151

Seaslug Mark 2 IR fuze window shroud development and testing

Seaslug Mk 2 practice firing trials analysis interim report, trial no. AN19

Seaslug Mark 2 errors in the launcher orders of the GWS 2 fire control equipment

Seaslug Mark 2 salvo interval

Environmental acceptance testing of a Seaslug Mk 2 package rear boost attachment container serial no. S4/NM/1162

Environmental acceptance testing of a Seaslug Mark 2 package IPN gas generator container serial no. S4/NM/1153

Seaslug Mark 2 'Get Well' programme Part A - Development/Cost Plan

Seaslug Mk 2 R&D trial, round nos. S2A13 and S2A14 GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C64, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C54, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C55, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C81, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C48, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C40, GW17 fuze report

Seaslug Mk 2 R&D trial, round no. S2C28, GW16 fuze report

Seaslug Mk 2 R&D trial, round no. S2C25, GW16 fuze report

Seaslug Mk 2 practice firing trials analysis report, trial no. AN18

Fuze Segment Selector Unit for Seaslug Mk 2 - design aim

The Sperry Fuze Segment Selector

Preliminary report on Seaslug Mk 2 surveillance control equipment S2E234 and S2E191

Report on Seaslug Mk 2 surveillance control equipments S2E154, 160, 189, 203, 234 and 191

R: qualification of Retriever design - validation of breathing desiccator system

Report on natural storage life trials of the Retriever motor (OB Proc. GM187, Part 1, Schedule 3, Trial 1)

Seaslug Mk 2 life extension surveillance exercise 1972



HSD (H)	GW 75/138	1975	Secret	25	
HSD (C)	DV 207	Jan 1975	Confidential	4	
HSD (C)	R 54	Mar 1965	Secret	11	Draft
ROF (P)	20/75	May 1975	Restricted		
IMI (SRS)	TN 75/15	May 1975	Restricted		
WGA (C)	RTR 375	Jan 1963	Secret		
Sperry	Pub 1644	Mar 1978	Unc		Issue 10
HSD (C)	E 59 Add	Feb 1966	Secret	28	
HSD (H)	GW 75/328	Dec 1975	Secret	8	
HSD (C)	R 213	Nov 1965	Secret	20	
HSD (C)	RTR 577	1968	Confidential		
HSD (C)	D 90	Aug 1965	Confidential		
HSD (C)	D 96	Oct 1965	Confidential	6	
HSD (C)	D 106	Aug 1967	Confidential	13	
HSD (H)	GW 75/356	1975	Secret	23	
HSD (C)	R 179	Dec 1964	Secret	12	
HSD (C)	R 219	Jun 1966	Secret	13	
HSD (C)	D 75	Jan 1965	Confidential	8	
HSD (C)	D 76	Jun 1965	Confidential	12	
HSD (H)	PE 2127	Mar 1972	Confidential	32	Issue 4
EMIE	DMP 2337	Dec 1965	Secret	6	
EMIE	DMP 2508	Jun 1966	Secret	6	
EMIE	DMP 2235	Aug 1965	Secret	6	
EMIE	DMP 2236	Aug 1965	Secret	6	
EMIE	DMP 2223	Jul 1965	Secret	6	
EMIE	DMP 2183	May 1965	Secret	8	
EMIE	DMP 1894	Nov 1964	Secret	8	
EMIE	DMP 1965	Nov 1964	Secret	8	
EMIE	DMP 1985	Nov 1964	Secret	8	
HSD (H)	GW 76/316	Oct 1978	Secret	33	
Sperry	TR 262	May 1967	Secret	14	536313
Sperry	TN 833	Dec 1965	Secret	5	536312
Sperry	TR 835	Feb 1979	Restricted	6	535786
Sperry	TR 836	Feb 1979	Restricted	6	535787
IMI (SRS)	TN 72/44	Nov 1972	Confidential	7	
IMI (SRS)	GM 197	Aug 1972	Confidential		
IMI (SRS)	TN 73/48	Dec 1973	Confidential	9	

# Seaslug documentation - contents of Box 4

Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
W17 proximity fuze for Seaslug Mk 2 Certificate of Design (Parts 2-5)	EMIE	DMP 1841	May 1964	Secret	14		
Note on the protection provided by certain EMI filters used in Seaslug Mk 2	EMIE	DMP 1881	Jul 1964	Confidential	2		
Seaslug Mk 2 practice firing trials analysis report, trial no. GL41	HSD (H)	GW 75/427	Jan 1976	Secret	34		
Seaslug system analysis group 33rd meeting	MoD/CWTA	X434/18/15(3)	Nov 1978	Confidential	11	520370	
Seaslug system analysis group 32nd meeting	MoD/CWTA	X434/18/15(3)	Oct 1978	Confidential	11	520371	
Seaslug system analysis group 31st meeting	MoD/CWTA	X434/18/15(3)	Aug 1978	Confidential	20	520372	
Seaslug system analysis group 36th meeting	MoD/CWTA	X434/18/15(3)	May 1979	Confidential	11	520367	
Seaslug system analysis group 35th meeting	MoD/CWTA	X434/18/15(3)	Feb 1979	Confidential	11	520368	
Seaslug system analysis group 34th meeting	MoD/CWTA	X434/18/15(3)	Jan 1979	Confidential	11	520369	
Letter ref BAeDG response to queries from T-EMIE at 78th Seaslug Performance Committee meeting	BAeDG (H)	RAN/SPC78 2	Mar 1983	Confidential	3	533891	
Contract No. NCW121/1125 - Seaslug ISS - Quarterly Financial Return	BAeDG (B)		Jun 1983	Unc			
Minutes of 79th Seaslug Performance Committee meeting	BAeDG (H)	SPC79	Mar 1982	Secret	11	521099	
Minutes of 78th Seaslug Performance Committee meeting	BAeDG (H)	SPC78	Nov 1982	Secret	11	520345	
Minutes of 77th Seaslug Performance Committee meeting	BAeDG (H)	SPC77	Jul 1982	Secret	11	520346	
Minutes of 76th Seaslug Performance Committee meeting	BAeDG (H)	SPC76	Aug 1980	Secret	16	520347	
Minutes of 75th Seaslug Performance Committee meeting	BAeDG (H)	SPC75	Jun 1980	Secret	15	520348	
Minutes of 74th Seaslug Performance Committee meeting	BAeDG (H)	SPC74	Apr 1980	Secret	16	520349	
Minutes of 73rd Seaslug Performance Committee meeting	BAeDG (H)	SPC73	Feb 1980	Secret	16	520350	
Minutes of 72nd Seaslug Performance Committee meeting	BAeDG (H)	SPC72	Dec 1979	Secret	16	520351	
Minutes of 71st Seaslug Performance Committee meeting	BAeDG (H)	SPC71	Oct 1979	Secret	16	520352	
Minutes of 70th Seaslug Performance Committee meeting	BAeDG (H)	SPC70	Aug 1979	Secret	16	520353	
Minutes of 69th Seaslug Performance Committee meeting	BAeDG (H)	SPC69	Jun 1979	Secret	16	520354	
Minutes of 68th Seaslug Performance Committee meeting	BAeDG (H)	SPC68	Apr 1979	Secret	16	520355	
Minutes of 67th Seaslug Performance Committee meeting	BAeDG (H)	SPC67	Feb 1979	Secret	16	520356	
Summary of performance of Planned Repair Seaslug Mk II missiles	BAeDG (H)		Aug 1982	Unc			
Sea Dart - Information Bulletin No 40 Foreign Sales - Almirante Cochran (ex-HMS Antrim)	BAeDG (B)	BT18289	Jun 1985	UK Restricted			Issue 2
Prediction of thermal stresses induced in the control blade of a P(G) missile	AWA	R 26	Jan 1959	Secret	9		
Seaslug system analysis group 46th meeting	MoD/CWTA	X434/18/15(4)	Aug 1981	Confidential	9	520357	
Seaslug system analysis group 45th meeting	MoD/CWTA	X434/18/15(3)	Feb 1981	Confidential	9	520358	
Seaslug system analysis group 44th meeting	MoD/CWTA	X434/18/15(3)	Nov 1980	Confidential	9	520359	
Seaslug system analysis group 43rd meeting	MoD/CWTA	X434/18/15(3)	Jun 1980	Confidential	9	520360	
Seaslug system analysis group 42nd meeting	MoD/CWTA	X434/18/15(3)	Jun 1980	Confidential	9	520361	
Seaslug system analysis group 41st meeting	MoD/CWTA	X434/18/15(3)	May 1980	Confidential	10	520362	
Seaslug system analysis group 40th meeting	MoD/CWTA	X434/18/15(3)	Jan 1980	Confidential	11	520363	
Seaslug system analysis group 39th meeting	MoD/CWTA	X434/18/15(3)	Oct 1979	Confidential	11	520364	
Seaslug system analysis group 38th meeting	MoD/CWTA	X434/18/15(3)	Jun 1979	Confidential	11	520365	
Seaslug system analysis group 37th meeting	MoD/CWTA	X434/18/15(3)	Jun 1979	Confidential	11	520366	
Seaslug Mark 2 design compendium, volume 1 - technical data	HSD (C)	S2DC/A2	Feb 1964	Secret	53	536188	
Amendment No. AL2 to Technical Report No. GW 74/160	HSD (H)	GW 74/160		Secret	7		
Amendment No. 1 to Technical Report No. GW 74/160, Issue 1	HSD (H)	GW 74/160	1975	Secret	7		
Preliminary specification for Seaslug Mk 2 Get Well programme Part A	HSD (H)	GW 70/082	Jun 1970	Secret	45		
Launcher cooling characteristics in the presence of wind	HSD (H)	GW 68/028	Jun 1968	Secret	13		
Seaslug Mk 2 Separation Improvement Programme - an analysis of the flight data obtained from the strain gauge system	HSD (H)	GW 72/371	Jun 1973	Confidential	29		
Report on two EUIA candle flame extinguishers after periods of storage of 1 year and 2.5 years respectively	HSD (C)	DV 218	Aug 1966	Confidential	5		
Firing trials of the TP2 IPN gas generator balanced control valve	HSD (C)	DV 168	Nov 1963	Unc			
Special climatic missile rear end compartment	AWA	DV 51	Mar 1958	Secret	1		
Precautions taken in the main test bed and in the TP1a gas generator pipework assembly	AWA	DV 101	Jan 1961	Unc	18		
TP2 gas generator explosion hazard trials	WGA	DV 159	Jun 1963	Unc			
Note on tests carried out at Whitley to determine the max and min throughput obtainable with an E1869 gas generator	AWA	DV 18	Jan 1958	Unc			
The development of a rechargeable igniter for use on gas generator development work	AWA	DV 21	Feb 1958	Unc			

note on the calculation of propellant consumption in gas generators	AWA	DV 18	Jan 1958	Secret		
The development of an igniter for use with the PG and Mk 1 IPN gas generator	AWA	DV 27	Jun 1958	Secret		
High altitude test on igniter for TP-1a IPN gas generator	AWA	DV 32	1958	Secret		
Investigations into the failure of the D/P cordite gas generator fired at WRE in round P(S) A51	AWA	DV 33	Oct 1958	Secret		
Report on a visit to the AWA/Australian Division in connection with the IPN gas generator	AWA	DV 38	Oct 1958	Secret		
Effect of vibration tests on DP gas generator in round PG9	AWA	DV 39	1958	Secret		
Determination of the characteristic burning rate curves for PU cordite	AWA	DV 40	Nov 1958	Secret		
Investigation into brazing deposits in DP generator PSPU 205 gas distribution pipe-work from round PG26	AWA	DV 41	1958	Secret		
Acceptance test procedure for the Type MPU204-3 turbo-alternator	AWA	DV 43	Dec 1958	Secret		
Flight trials of Deerhound sustainer motors, engineers report and analysis of records	EMIE	DMP 1877	Jul 1966	Confidential	12	
Report on a visit to NOL Corona in spring 1964 to conduct (Pranger fuze) flyover trials	EMIE	DMP 1954	Dec 1964	Secret	1	
Sea skimming Seaslug - note for the record	MoD/RAE(A)	ACR 930/02	Oct 1978	Restricted		
Seaslug Mark 2 - preparation of end phase data - PDI study for a replacement fuze	HSD (H)	GW 71/179	Jul 1971	Secret	13	540722
Report on internally Emralon coated TP1a gas generators stored at Woolwich under ISAT(A) conditions	HSD (C)	DV 189	Nov 1983	Unc	5	
Calibration of striker pegs used with PS157 front boost attachment	AWA	LTN 68	1957	Secret		534258
02 Mk 1 'Griflex' hose pressure test	AWA	LTN 124	1959	Unc		534298
02/1 breaking tests on ignition harness cable	AWA	LTN 89	1958	Unc		534297
Static deflection tests on missile transit trolley	AWA	LTN 97	1958	Unc		534296
Strength investigation on boost separation switch plunger	AWA	LTN 82	1958	Unc		534285
02/1 effect of temperature on control blade surface finish	AWA	LTN 89	1958	Unc		534284
02/P(S) control blade - mass distribution data	AWA	LTN 126	1959	Unc		534300
02/P(G) wing - mass distribution data	AWA	LTN 125	1959	Unc		534299
02/Mk 1 fuze back-plate plugs - seal strength test	AWA	LTN 129	1959	Secret		534302
02 Mk 2 vibration pick-up co-axial cable tensile tests	HSA-AWD	LTN 271	1963	Unc		534307
02 Mk 2 separation switch pack - pull-out test on withdrawal pin	WGA	LTN 252	1963	Unc		534306
The manufacture of protective envelopes for Seaslug wing and control blade spigots using PVC	HSA-AWD	LTN 289	1961	Unc		534223
The bonding of Plessey plug caps to Seaslug SC45 telemetry head container end plate using an epoxy resin	HSA-AWD	LTN 290	1961	Unc		534222
End tests on 502/P(S) wing	AWA	LTN 34		Unc		534266
02 P(S) wing mass distribution data	AWA	LTN 46	1957	Unc		534288
Seaslug Mark 2 feasibility study for a replacement fuze - targets and fuze switching contours	HSD (H)	GW 70/082	Jun 1970	Secret	19	
Simulated brazing failure on the hydraulic pump of Seaslug ground missile S2C57	HSD (H)	GW 69/158	Oct 1969	Confidential	16	
Overall summary and conclusions for the Seaslug Mark 2 performance study	HSD (H)	GW 70/059	Jul 1970	Secret	40	
A proposal for a separation improvement programme for Seaslug Mk 2	HSD (H)	GW 016/70	Apr 1970	Confidential	21	
Seaslug Mk 2 GW17 fuze - a reassessment of the probability of blinding or spurious triggering from the sun	EMIE	DMP 3718	Nov 1970	Secret	7	
Final report of the Seaslug Mk 2 Fuze/Lethality improvements working party	HSD for Mo	GW(N) 60	Mar 1968	Secret	25	540564
A critique of the expected performance of Seaslug Mark 2 using the SW42 IR fuze	HSD (H)	GW 70/087	Dec 1970	Secret	44	540570
Seaslug pre-firing simulation report, flight plans for GWS 2 practice firings	HSD (H)	R 1232	Mar 1970	Secret	12	
Seaslug Mark 2 altimeter mode, plans for an extended feasibility study	HSD (H)	PE 2006	Apr 1971	Secret	28	
Proposed wind tunnel programme to define the boost aerodynamic characteristics during the flowering and separation ph	HSD (H)	GW 71/192	Sep 1971	Confidential	5	

# Seaslug documentation - contents of Box 5

Document title	Publisher	Reference No	Date	Classification	Copy No	Notes
Seaslug Mk 1 design compendium, Part 1, Sections 7 to 10	AWA	SDC3	Oct 1960	Secret		Issue 3
The scattering areas at 300 Mc/s of Fireflash and Seaslug	DoS/WRE	RAD 4	Jul 1958	Secret	12	
Target damage assessment Seaslug Mk 2 final EF193/5	DoS/ARL	AR 52	Sep 1965	Secret	27	
Target damage assessment Seaslug trial E125/2	DoS/ARL	AR 12	Jul 1960	Secret	8	
Target damage assessment Seaslug Mk 2 final EF193/13	DoS/ARL	AR 56	Mar 1966	Secret	26	
Target damage assessment Seaslug trial E122/2 (round no PG72)	DoS/ARL	AR 17	Jan 1961	Secret	9	
Seaslug Mk 2 design aims	AWA	R 35	Dec 1962	Secret	18	Issue 5
Project Seaslug Mk II research and development trials Part I, project planning specification	DoS/WRE	WRE 1010	Jul 1961	Secret	123	
Project Seaslug Mk II research and development trials, Part II, instrumentation specification	DoS/WRE	WRE 1010	Oct 1961	Secret	18	Issue 1
Project Seaslug Mk II research and development trials, Part III, instrumentation specification	DoS/WRE	WRE 1010	Dec 1963	Secret	20	Issue 2
Project Seaslug Mk II research and development trials, Part VI, safety specification for trials in Australia	DoS/WRE	WRE 1010	Sep 1962	Secret	18	Issue 1
Project Seaslug Mk II research and development trials and warhead acceptance trials, Part VIII, closing down specification	DoS/WRE	WRE 1010	Oct 1965	Secret	17	
Trials testing of R&D Seaslug Mk 2 missiles incorporating the FSS unit	Sperry	T 9248	May 1967	Secret	1	
Specification of fitting-out requirements for Seaslug missile test equipment Mark 1 Mod 0	MoD/DGW	G 723	Aug 1962	Confidential		Issue 3
RN final specification for GM destroyer practice firings of Seaslug Mark 2	MoD/RAE(A)	Spec 5950	Nov 1967	Confidential	41	
Specification for the production testing of Board No 213 forming part of Seaslug missile test equipment Mark 2	GEC-AEL(P)	MTE2/213	Dec 1964	Secret		Issue 5
Seaslug Mk 2 surveillance report (interim)	MSDS (P)	PDS/SS2/048	Oct 1974	Restricted		
Seaslug Mk 2 practice firing trials analysis report, trial no NO11	HSD (H)	GW 75/317	Sep 1975	Secret	36	
Seaslug Mk 2 S2C15 - investigation of body torsion frequency (fundamental) in support of S2D3 flight failure	HSD (C)	EV 636	May 1968	Confidential		
Seaslug cooling air measurement on HMS Devonshire	HSD (C)	D 80	1965	Restricted		
Environmental acceptance testing of a Seaslug Mk 2 package warhead bay container serial no S4/NM/1155	HSD (C)	D 74	Nov 1964	Confidential	11	
Seaslug Mk 2 surveillance report (final)	MSDS (P)	PDS/SS2/047	1974	Restricted		
Seaslug Mk 2 surveillance report (final)	MSDS (P)	PDS/SS2/053	Apr 1975	Restricted		
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 18	GEC-AEL(P)	MTE2/1039	Dec 1969	Secret	20	Change List 9
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 13	GEC-AEL(P)	MTE2/1039	Mar 1968	Secret	20	Change List 4
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 16	GEC-AEL(P)	MTE2/1039	Mar 1969	Secret	20	Change List 7
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 19	GEC-AEL(P)	MTE2/1039	Sep 1970	Secret	20	Change List 10
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 20	GEC-AEL(P)	MTE2/1039	Apr 1971	Secret	20	Change List 11
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 21	GEC-AEL(P)	MTE2/1039	Oct 1971	Secret	20	Change List 12
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 22	GEC-AEL(P)	MTE2/1039	Mar 1972	Secret	19	Change List 13
Testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots at Issue 23	GEC-AEL(P)	MTE2/1039	Jun 1972	Secret	20	Change List 14
Target damage assessment Seaslug trial E156/1	DoS/ARL	AR 32	Jan 1963	Secret	25	
Target damage assessment Seaslug trial E122/3	DoS/ARL	AR 18	Jan 1961	Secret	30	
Target damage assessment Seaslug Mk 2 trial EF193/8	DoS/ARL	AR 53	Oct 1965	Secret	27	
Synopsis of HSD's investigation into possible causes of S2D1 flight failure	HSD (C)	D 78	Dec 1963	Confidential		
Seaslug Mk 2 practice firing trials analysis report, trial no F123	HSD (H)	GW 75/292	Sep 1975	Secret	38	
Seaslug Mk 2 practice firing trials analysis report, trial no F119	HSD (H)	GW 74/349	Nov 1974	Secret	37	
Seaslug Mk 2 acceptance trials final missile performance report round no S2D19	HSD (C)	H 3014	Nov 1966	Secret	2	
Seaslug Mk 2 practice firing trials analysis report, trial no NO09	HSD (H)	GW 75/220	Aug 1975	Secret	38	
Post firing simulation report round no S2D20	HSD (C)	R 2325	Apr 1966	Secret	2	
Post firing simulation report round no S2D17	HSD (C)	R 2324	Mar 1966	Secret	2	
Post firing simulation report round no S2C31	HSD (C)	R 2309	Oct 1964	Secret	2	
The simulation of seaslug on GATAC Stage II	AWA	R 32	Feb 1958	Secret	29	With Sperry & EMI
GW17 fuze shipborne test equipment design aim	EMIE	DMP 1706	Oct 1964	Secret	17	
Seaslug Mk 2 safety and arming mechanism interchangeability data	Leaffields	TP 8	Jun 1976	Confidential	5	Issue 6
General data relating to the Foxhound sustainer motor Type E528 A3	IMI (SRS)			Confidential	29	
Design study for E547B1 Deerhound sustainer motor	IMI (SRS)	DS 63/12	Dec 1963	Confidential	6	
Design study for a sustainer rocket motor for the Mark II Seaslug missile, motor E537	IMI (SRS)	RMD /254	Jun 1960	Secret	17	
General data relating to the Foxhound sustainer motor Type E528 A1	IMI (SRS)		Jul 1959	Confidential	22	
General data relating to the Foxhound sustainer motor Type E512 A1	IMI (SRS)		Aug 1957	Confidential	40	

Inventory list of packaged Foxhound sustainer motor in accordance with OR Disposal Order 034 103

- Data sheets for Foxhound sustainer motor (Type E512A1)
- A report on the firing and examination of two TP1a gas generators on completion of 3 months storage tests
- Examination report on IPN gas generator E3300/88 from round PG82
- Design features and performance estimates of the TP2 gas generator for the Mk II Seaslug missile
- Testing at RPE, Westcott, of the IRGO valve used in conjunction with the Gosing 4H plastic propellant boosts
- Report on testing of IRGO valve B8670 with cordite and plastic propellant boosts
- Examination report on IPN gas generator E3300/41 after preliminary packaging trials
- Cooled IPN product gas consumption through various gas chokes
- Functional tests and investigations carried out on the inertia release gas operated valves KV5011 and KV5013
- A summary of all climatic trials to ISAT(A) conditions carried out to date on the IPN gas generators
- A report on the firing and examination of two TP1a gas generators on completion of 9 months storage tests
- Functional testing and development of the Inertia Release Gas Operated valve B8670
- Tactile indicator tests (for Seaslug Mk 2 testing)
- A note on a gas generator (E3300/130) recovered from SC21 after being subjected to environmental testing
- A note on a TP1a gas generator returned as defective from RNAD Malta
- Tests performed to evaluate two types of heat insulation for possible use with the IPN combustion chamber for APU
- A note on trials carried out in order to examine the light-up characteristics of a TP1a gas generator
- Retriever requalification specification for surveillance trials
- E578 extended life Deerhound motor - revised design and development proposals
- Handling and firing instructions for the E554 Retriever motor and the E547 Deerhound motor
- A review of the work carried out at Summerfield to develop the Seaslug Mk 2 candle flame extinguisher system
- Seaslug acceptance trial - final report on S2D15 incident

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IMI / CDC	TR #211	Jan 1962	Confidential	
IMI (SRS)			Confidential	36
AWA	DV 77		Secret	
AWA	DV 78	Feb 1960	Secret	8
AWA	DV 84	Mar 1960	Secret	10
AWA	DV 82?	Aug 1961	Secret	12
AWA	DV 82	Apr 1960	Secret	1
AWA	DV 81	Mar 1960	Secret	8
AWA	DV 90	Aug 1960	Secret	1
AWA	DV 99	Oct 1960	Secret	12
AWA	DV 83	Mar 1960	Secret	7
AWA	DV 92	Aug 1960	Secret	8
AWA	DV 94	Aug 1960	Secret	13
AWA	DV 96	Nov 1960	Secret	1
AWA	DV 73	Dec 1959	Secret	9
AWA	DV 70	Nov 1959	Secret	11
AWA	DV 95	Oct 1960	Secret	9
AWA	DV 76	Jan 1960	Secret	1
IMI (SRS)	TN 71/41	Jan 1972	Confidential	
IMI (SRS)	DS 72/7	Mar 1972	Confidential	
IMI (SRS)	TN 67/4	Feb 1967	Confidential	8
IMI (SRS)	TR 67/14	May 1967	Confidential	6
IMI (SRS)	TR 65/19	Jan 1966	Secret	

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Document title	Publisher	Reference No.	Date	Classification	Copy No	Registry No	Notes
TTV/HOT launcher weak link tests	AWA	RTR 31	1953	Secret			
Note on an IPN vapour hazard trial carried out at Whitley in a rear compartment of a Seaslug missile	AWA	DV 93		Secret	1		
02/MTV/C control blade strength test	AWA	RTR 25	1952	Secret			
Technical report no GW 73/012, Volume 3, Amendment no AL1	HSD (H)	GW 73/012	Aug 1977	Secret	6		AL1
Environmental type test specification for Seaslug Mk 1	AWA		Jan 1958	Secret	54		Prov draft
Seaslug pre-firing simulation report, SW42 IR fuze data for Group C of GWS 2 sea trials with 2 further flight plans	HSD (H)	R 1229	Dec 1968	Secret	12	536053	
Seaslug Mk 2 post-firing simulation report, Group A of GWS 2 sea trials, round nos S2E26, S2E25, S2E7	HSD (H)	R 2332	Nov 1968	Secret	17	536052	
Seaslug Mk 2 ship safety under conditions of asymmetric boost failure	HSD (H)	SN 3026	Jul 1968	Confidential	8	536037	
Seaslug Mk 2 quarterly financial and technical progress report, FY 1982/83, second quarter	BAeDG (H)		Nov 1982	Restricted	20	535953	
Seaslug Mk 2 quarterly financial and technical progress report, FY 1982/83, third quarter	BAeDG (H)		1983	Restricted	20	535978	
Seaslug Mk 2 - experimental target firings, trials analysis firings, trial nos AN46-47	BAeDG (H)	GW 83/097	1983	Secret	19	536027	
Seaslug Mk 2 - continuation firings, missile analysis report trial nos GL56-57	BAeDG (H)	GW 83/054	1983	Secret	18	535975	
Seaslug Mk 2 - continuation firings, missile analysis report trial nos AN48-49	BAeDG (H)	GW 83/053	1983	Secret	18	535976	
An analysis of the Seaslug Mark II beam loop tolerance	Sperry	TN 823	Oct 1965	Secret	7		
The lag-lead integral autopilot for use with Seaslug Mk II	Sperry	TN 757	May 1964	Secret	5		
Seaslug Mk 1 S&A mechanisms K10A2 and K11A1 - surveillance report for 1976	MoD/ROF(B)	O&D 8253	Oct 1976	Restricted		534482	
Feasibility study for a replacement fuze for the Seaslug Mk 2 missile, Part 2 - managerial aspects	HSD (H)	GW 70/081	Oct 1970	Secret	15	535805	
Technical appraisal of the performance advantage of a sea-skimming version of Seaslug Mk 2 for the attack	HSD (H)	GW 70/082	Oct 1970	Secret	13		
Reassessment of the modifications to the Red Top fuze for installation in Seaslug Mark 2	HSD (H)		Jan 1966	Secret		536309	
Seaslug Mk 2 - some comments on the direct hit component of total hit chance as evaluated in the perf studies	HSD (H)	GW 70/116	Aug 1970	Secret	16		
Interim report on the investigation into the separation mechanism of Seaslug Mk 2 missiles	HSD (H)	GW 70/057	Jul 1970	Secret	47		
Seaslug Mk 2 equipment life schedule	HSD (H)	EV 155	Sep 1973	Confidential	46		Issue 4
Seaslug Mk 2 equipment life schedule	BAeDG (H)	EV 155	1978	Restricted			Issue 5
Comments on Seaslug Mark 2 nominal performance	HSD (H)	GW 89/046	Oct 1969	Secret	11		
The philosophy behind the first ten flight trials in the Seaslug Mk 2 separation improvement programme	HSD (H)	GW 71/102	May 1971	Secret	18		
Aerodynamic forces and moments on a Seaslug Mk 2 boost during the flowering sequence	HSD (H)	GW 71/122	Jun 1971	Confidential	14		
The performance of Seaslug Mark 2 in the CASWTD and Up and Over modes against surface targets	HSD (H)	GW 70/058	Dec 1970	Secret	32		
The vulnerability of Seaslug Mk 1 assessed by controlled firings of 1/8 oz steel fragments	HSD (H)	GW 88/013	Sep 1968	Secret	9	536045	
Defect investigation report (defect NMDA 8602) - further investigation of a misfire of a Seaslug Mk II	MoD/PERM	PR 29	May 1982	Restricted		535842	
Seaslug Mk 1 equipment life exercise, results of critical examination and proof firing	IMI (SRS)	TR 68/25	Sep 1968	Restricted	15	536046	
Report of the examination of the K44A1 (Retriever) igniter following failure of missile S2E24 and S2E34	IMI (SRS)	TN 68/17		Confidential	16	536054	
Project 502, ship's firing no NO05 (analysis report)	MSDS (S)	SLM 2991	Jun 1972	Secret	6		
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Preliminary report on Seaslug Mk 2 surveillance control equipment S2E80 and S2E179	Sperry	TR 408	Dec 1972	Restricted	6		
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Life investigation exercise on Seaslug Mk 1, fuze serial no 340A from missile SE10	EMIE	DMP 3070	Feb 1968	Secret	1	536108	
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An investigation into (Seaslug Mk 2) S&A sub-unit performance under reduced acceleration conditions	IRL(Leafield)	TP 60	May 1987	Secret	21	535802	
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502P(S) rear wing tip damage	AWA	ASR 12	Jul 1957	Unc		534354	
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Aerodynamic forces and moments on Seaslug Mk 2 dart induced by presence of separating boost motors	HSD (H)	GW 71/230	Nov 1971	Confidential	11		Part 2
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Seaslug Mk 2 practice firing, trials analysis report, trial no NO13	HSD (H)	GW 75/321	Oct 1975	Secret	36		
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Note on venting the high pressure air bottle on Seaslug Mk 2	AWA	D2/29	Jul 1961	Secret	8		
Some dynamic characteristics of the Mk 2 structure	AWA	D2/28	Jun 1961	Secret	11		
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Summary of ground tests carried out to investigate mechanics of break-hook type rear boost attachments during sep	WGA	D2/31	Jan 1961	Unc	2		
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Wind tunnel measurements on Mk II boosted Seaslug missile at M=1.90 increase in stability produced by fitting	AWA	ARL 63/8	Apr 1963	Secret	10		
Report of Seaslug firing, missile no SA52	MoD/RAE(A)	RN 7	Jun 1961	Secret			
Environmental tests on Deutsch connectors (for use on Seaslug Mk 2 missiles)	HSD (C)	EV 159	May 1964	Confidential			
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Pre-firing simulation report, GWS 2 practice firings  
Seaslug Mk 2 design specification GW(N)32A and development aim GW(N)32B draft of Issue 2  
Seaslug analysis handbook

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AWA	R 70	Feb 1961	Secret		
HSD (H)	GW 72/102	1972	Secret	33	
HSD (H)	R 1238	Apr 1972	Confidential	17	
HSE (A)		1972	Secret		
HSE (A)		1972	Secret		
HSD (H)	GW 72/233	1972	Secret	44	
HSD (H)	GW 72/098	1972	Secret	44	
HSD (H)	GW 72/080	1972	Secret	44	
HSD (H)	R 1241	Jun 1972	Secret	14	
HSE (A)		1972	Secret		
HSE (A)		1972	Secret		
HSD (H)	GW 72/042	Feb 1972	Restricted	6	
HSD (H)	GW 72/223	Jul 1972	Restricted	7	
HSD (H)	GW 72/084	Mar 1972	Secret	21	
HSD (H)	GW 72/237	Jul 1972	Secret	20	
HSD (H)	GW 72/280	1972	Secret	28	
HSD (H)	R 1242	Jun 1972	Confidential	18	
HSD (H)	R 1225	Jul 1968	Secret	8	
MoD:GW,N:	DU/2/012	Mar 1966	Secret		524815
HSD (H)		1980	Restricted		

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## Document title

Final analysis. Seaslug handbook  
Seaslug Mk 2 control equipment, the standard of design for acceptance  
Seaslug firing report, S2C7  
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Seaslug firing report, S2C9  
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RAE trial X2685 - Seaslug S2C37  
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Seaslug firing report, S2C44  
Seaslug firing report, S2C49  
Seaslug firing report, S2C50  
Historical survey (aeroelastic problems during development - Seaslug section of report)  
Marking of transformers and chokes - Specification DP413 (marked as DP788)  
Setting up, checking and maintenance procedures for the HSD sender channel simulator and switch speed monitor  
Setting-up procedure & test specification for the SRDE broadband telemetry monitor  
Specification for the testing of power unit Type C8122  
Test procedure for trigger unit test set (drawing no. C9846)  
Routine checking instructions for AWA TSU test set  
Operating instructions for AWA TSU test set  
Setting-up instructions for AWA TSU test set  
Test specification for AWA TSU test set  
AWA test specification for the ground supplies monitor unit  
Routine maintenance instructions for the ground supplies monitor unit  
Setting up and operating instructions for the ground supplies monitor unit  
Colour coding for control panels, and associated pipework (section 1) index  
Specification for the production testing of test unit operating and monitoring 9CA/116  
Specification for the marking of transformers and chokes  
Specification for the preparation and application of 'Silcoset' 100  
Design practice - testing of sealed units  
Specification for the manufacture of moulded-branch type cableforms  
Checking instructions for missile testing control panel (MTE)  
Routine maintenance instructions for missile testing control panel (MTE)  
Operating instructions for missile testing control panel (MTE)  
Setting-up instructions for missile testing control panel (MTE)  
Routine maintenance instructions for AWA test sequence unit (MTE)  
Operating instructions for AWA test sequence unit (MTE)  
Checking instructions for AWA test sequence unit (MTE)  
Setting-up instructions for AWA test sequence unit (MTE)



Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
HSD (H)	SSH8K2	Jan 1982	Restricted	5		
Sperry	TR 222	Feb 1964	Secret	2		
MoD/RAE(A)	RN 7	Apr 1963	Secret	3		
MoD/RAE(A)	RN 7/C8	May 1963	Secret	3		
MoD/RAE(A)	RN 7/C9	Aug 1963	Secret	3		
MoD/RAE(A)	RN 7/C10	Sep 1963	Secret	3		
MoD/RAE(A)	RN 7/C11	May 1963	Secret			
MoD/RAE(A)	RN 7/C12	Aug 1963	Secret	3		
MoD/RAE(A)	RN 7/C13	Jul 1963	Secret	3		
MoD/RAE(A)	RN 7/C14	Oct 1963	Secret	2		
MoD/RAE(A)	RN 7/C19	Sep 1963	Secret	3		
MoD/RAE(A)	RN 7/C20	Oct 1963	Secret	3		
MoD/RAE(A)	RN 7/C23	Jan 1964	Secret	2		
MoD/RAE(A)	RN 7/C24	Dec 1963	Secret	2		
MoD/RAE(A)	RN 7/C29	Feb 1964	Secret			
MoD/RAE(A)	RN 7/30	Jul 1964	Secret	4		
MoD/RAE(A)	RN 7/37	Apr 1964	Secret			
MoD/RAE(A)	RN 7/C37	Mar 1964	Secret	4		
MoD/RAE(A)	RN 7/40	Sep 1964	Secret	4		
MoD/RAE(A)	RN 7/43	May 1964	Secret	4		
MoD/RAE(A)	RN 7/44	Jun 1964	Secret	4		
MoD/RAE(A)	RN 7/49	Jun 1964	Secret	4		
MoD/RAE(A)	RN 7/50	Jul 1964	Secret	4		
HSD (H)	GW 68/032	Sep 1968	Restricted	15		
AWA	DP413	May 1962	Unc		542170	
HSD (C)	DP787		Restricted		542169	
WGA	DP778	May 1962	Unc		542168	
WGA	DP770	Dec 1962	Unc		542165	
HSD (H)	DP768		Restricted		542164	
AWA	DP757	Feb 1962	Unc		542163	
AWA	DP758	Mar 1962	Unc		542162	
AWA	DP755	Feb 1962	Unc		542161	
AWA	DP754	Feb 1962	Unc		542160	
AWA	DP753	Mar 1962	Unc		542159	
AWA	DP752	Feb 1962	Unc		542158	
AWA	DP751	Feb 1962	Unc		542157	
AWA	DP603	Aug 1962	Unc		542151	
WGA	DP486	Jul 1963	Unc		542148	
AWA	DP413	Nov 1961	Unc		542147	
AWA	DP400		Unc		542146	
AWA	DP389	Oct 1963	Unc		542145	
AWA	DP388		Unc		542144	
AWA	DP380	Mar 1962	Unc		542142	
AWA	DP389	Mar 1962	Unc		542141	
AWA	DP388	Mar 1962	Unc		542140	
AWA	DP387	Mar 1962	Unc		542139	
AWA	DP383	Feb 1962	Unc		542138	
AWA	DP382	Feb 1962	Unc		542137	
AWA	DP381	Feb 1962	Unc		542136	
WGA	DP379	May 1963	Unc		542135	

Specification for Vinkor adjustable pot core assembly  
Production test specification for HAF sampling switch Type 60  
Specification for laminated iron core assemblies  
Functional test of the inertia release gas operated (IRGO)  
Specification for the production testing of aerial telemetry (Seaslug Mk 2) (B17260)  
Specification for 'Emralon' 810 spraying of EU1A candle flame extinguisher components  
Instructions for functional testing EU1A candle flame extinguisher  
Revised instructions for check firing the TP2C gas generator  
Specification for the calibration of the TP2C IPN gas generator balanced control valve  
Handling instruction for EU1A candle flame extinguisher  
Instructions for removing a contaminated TP2C gas generator  
Handling instructions for TP2C gas generator  
Instructions for removing a contaminated TP2B gas generator  
Instructions for check firing the TP2C gas generator  
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Protective finish for hermetically sealed transformer/choke cases  
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Setting procedure - Mullard LA1 chokes as used in vibration amplifier filters  
Specification and testing and alignment procedure for UHF receiver Type Comet 7b (drawing no E3823)  
Sealing procedure for the continuous power supply contact box  
Production electrical test specification for the continuous power supply contact box  
Pre-flight testing of the boost phase control switch  
Electrical test specification for the boost phase control switch  
The sealing of filter units as used on blind plugging connector plate assemblies  
Proof pressure test of BAH (boost arming head) body  
The sealing of LEAP (launcher electrical and air probe) sockets, EAS2 Mk III  
Assembly & inspection procedure for blind plugging, silicone inserts  
Procedure for surface sealing blind plugging fuze plates  
Seaslug - the use of compound Loctite (grade D) for locking of screw threads  
Mk 1V electrical plugs and sockets tightening of coupling nuts  
Assembly and inspection procedure for blind plugging, phenolic inserts  
Fixed coupler plugs and sockets re-orientation of right angle outlets  
Manufacture, assembly, test and inspection of bonding leads on missiles  
The sealing of cable entries of Mk 1V electrical connectors  
Calibration of restrictor fluid flow for candle flame extinguisher D10540  
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Instructions for test firing the E231/A turbo-alternator  
Electrical testing of separation switch pack  
Encapsulation technique for boost separation switch pack  
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Leakage testing of IRGO B gas supply system E5723  
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Specification and test requirements for high pressure gas storage vessel C10025  
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Test & assembly sequence for complete 'IRGO' valve and sustainer motor shuttered igniter gas supply system  
Test procedure for receiver calibrator and display unit Type E3973  
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AWA	DP378	Sep 1961	Unc		542134
AWA	DP395	Jul 1962	Jnc		542129
AWA	DP363	Nov 1961	Jnc		542128
BAeDG (H)	DP855		Restricted	M	
HSD (C)	DP854		Unc	M	
HSD (C)	DP238	Mar 1964	Unc		542080
HSD (C)	DP237		Unc		542079
WGA	OP223	Feb 1964	Unc		542072
HSD (C)	DP215		Unc		542068
HSD (H)	DP214		Unc		542067
WGA	DP213		Unc		542066
WGA	DP211		Unc		542065
WGA	DP210	Sep 1963	Unc		542064
WGA	DP209		Unc		542063
WGA	DP207		Unc		542062
WGA	DP206	Sep 1963	Unc		542061
HSD (C)	DP203		Unc		542060
HSD (H)	DP202		Unc		542059
AWA	DP201		Unc		542058
AWA	DP351	Mar 1962	Unc		542123
HSD (H)	DP344		Restricted		542122
AWA	DP342	Apr 1961	Unc		542121
AWA	DP319		Unc		542118
AWA	DP147	Aug 1960	Unc		542031
AWA	DP146	Jun 1960	Unc		542030
AWA	DP137	Jan 1961	Unc		542028
AWA	DP136		Unc		542027
AWA	DP135	Jun 1960	Unc		542015
AWA	OP130		Unc		542014
AWA	OP129		Unc		542013
AWA	OP125		Unc		
AWA	OP124		Unc		542011
HSD (H)	DP123		Unc		
AWA	DP121		Unc		542009
AWA	DP120		Unc		542008
AWA	DP119		Unc		
HSD (H)	DP118		Unc		542007
AWA	DP116		Unc		542006
HSD (C)	DP245		Unc		542085
BAeDG (H)	DP242		Unc		542083
HSD (C)	DP241		Unc		542082
WGA	DP171	Oct 1963	Unc		542044
WGA	DP170		Unc		542043
BAeDG (H)	DP169	Jul 1980	Unc		542042
WGA	DP168		Unc		542041
WGA	DP165		Unc		542040
AWA	OP160	Aug 1960	Unc		542038
WGA	DP153	Aug 1964	Unc		542036
AWA	DP148	Feb 1962	Unc		542032
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WGA	DP174		Unc		542045
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WGA	DP805	Oct 1963	Unc		542177
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Test specification for Australian FSU (F5565)

Specification for the electrical testing of power unit Type C10888

Setting-up instructions and test procedure for firing sequence unit (Mark 2)

Specification for the production testing of missile simulator - Mk 2 Mod 0

Specification for the production testing of boards No 669 converter, signal data, forming part of Seaslug MTE Mk 2

Setting-up procedure for receiver calibration and display unit Type E5578/1 in conjunction with CRS adaptor unit

Setting-up procedure for receiver calibration and display unit Type E5578

Setting up procedure for UHF Rx Type D10608 tuned for Seaslug telemetry operation

Seaslug Mark 2 acceptance (S2D) missiles testing of the break-up system

Production testing checking and maintenance procedures for transducer test set (pneumatic) drawing no E2919

Specification for the testing of frequency translators Type A and Type B (cct nos C13751 C13752)

Specification for the electrical testing of power units Types C8122 and C10888 test procedure

Seaslug Mark 2 sensing unit Type No C14525, production electrical test specification

Assembly instructions for boost separation improvement missiles

Testing sub-units and assemblies for Seaslug Get Well programme missiles

Assembly and leak test of Seaslug Mk 2 Retriever boost motor/boost arming head at Depot

Testing of camera power unit B23584 Seaslug Mk 2 boost improvement programme

Seaslug Mk 2 transducer assembly C11411, electrical test specification

Installation and pneumatic leak test of pipe assemblies to drawings no D11205

Installation pressure test of pipe and valve assembly to drawing no D11198

Functional testing of boost release valve part no D11359

Specification for the installation pressure test of pipe and valve assembly drawing no D11367

Specification for the installation pressure test of pipe and valve assembly drawing no D11198/3 & /4

Testing of Seaslug Mark 2 telemetry head

Seaslug Mark 2 cableforms, production electrical test specification

Seaslug Mark 2 telemetry translator unit, production electrical test specification

Seaslug Mark 2 separation switch pack D10086, production electrical test specification

Seaslug Mark 2 rectifier unit B21760 production electrical test specification

Seaslug Mark 2 sensing unit Type C13363, production electrical test specification

Seaslug Mark 2 accelerometer electrical linear D10593/3 production electrical test specification

Seaslug Mark 2 distribution box D10570, production electrical test specification

Potting specification for 60 Mc/s suppressor B21584

Production testing of dummy load, electrical unit M455

Acceptance test specification for attitude gyroscopes

Schedule of tests (SE missiles)

Overall production test specification for guided missile, operational Seaslug Mark 2

Testing of Seaslug Mk 2 break-up system wiring (prior to installation of K2A1 SAGW unit) at RNAD

Specification for the testing of converter, frequency, static, telemetry, part no C14332/1, as used on 'Get Well'

Specification for the testing of telemetry senders Type Q+1 and Q+2 as used on Seaslug Mk 2 (Get Well)

Specification for the testing of command unit and signal amplitude selector Seaslug Mk 2 separation improvement

Test procedure for Mk 2 Seaslug production missiles

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Limited testing of Mk 2 Seaslug missile after incorporating the FSS modifications QAC208 and QAC268

Strain gauge electronic pack pre potting test instructions (Seaslug Mk 2 boost separation improvement)

WREBUS assembly test specification (Seaslug Mk 2 boost separation improvement)

Instructions for the production testing of time delay assemblies part nos C14439 (telemetry) and C14438 (warhead)

Telemetry head test specification (Seaslug Mk 2 boost separation improvement)

Telemetry translator unit electrical test specification (Seaslug Mk 2 boost separation improvement)

Two-axis rate gyro unit test specification (Seaslug Mk 2 boost separation improvement)

Instrumentation junction box and power supplies test specification (Seaslug Mk 2 boost separation improvement)

Specification for the testing of WREBUS stabiliser Mk 2 part no JB3695 as used on Seaslug Mk 2 (Get Well)

Instructions for the production testing of trigger unit (Seaslug Mk 1) part no D11315

WGA	DP800		Unc		542175	
WGA	DP793	Dec 1962	Unc		542172	
WGA	DP792		Unc		542171	
HSD (H)	DP833		Unc	M		
HSD (C)	DP907		Unc	M		
HSD (C)	DP897		Restricted		542209	
HSD (C)	DP898		Restricted		542208	
HSD (C)	DP882		Restricted	M		
HSD (C)	DP881		Restricted	M		
HSD (C)	DP874	Sep 1964	Restricted		542199	
HSD (C)	DP1008		Unc		542243	
HSD (C)	DP885		Unc		542241	
BAaDG (H)	DP1156	Oct 1978	Restricted			
HSD (H)	DP1278		Unc			
HSD (H)	DP1263		Unc			
HSD (H)	DP1259		Unc			
HSD (H)	DP1256		Restricted			
HSD (H)	DP1248		Restricted			
HSD (H)	DP1247		Unc			
HSD (H)	DP1245		Unc			
HSD (H)	DP1243	Aug 1973	Unc			
HSD (H)	DP1303	Jun 1973	Unc			
HSD (H)	DP1290	Jul 1972	Unc			
BAaDG (H)	DP851	Oct 1979	Restricted		542191	
HSD (H)	DP850		Restricted	M		
HSD (C)	DP848		Restricted	M		
HSD (C)	DP847		Restricted	M		
HSD (C)	DP845		Restricted	M		
HSD (C)	DP844		Restricted	M		
HSD (C)	DP843		Restricted	M		
HSD (H)	DP841		Restricted	M		
AWA	DP821	Sep 1963	Unc		542180	
WGA	DP820	Sep 1963	Unc			
WGA	DP815	Jul 1963	Unc		542179	
AWA	DP162		Secret		1024751	e×542039
HSD (H)	DP1066		Secret		1024752	e×542253
HSD (H)	DP1154	Nov 1977	Restricted			
HSD (H)	DP1252		Confidential		542266	
HSD (H)	DP1251		Confidential		542265	
HSD (H)	DP1250		Confidential		542264	
HSD (C)	DP263		Restricted	M		
WGA	DP833	Feb '964	Confidential		542181	
HSD (H)	DP821		Confidential	M		
HSD (C)	DP861		Confidential		542194	
HSD (H)	DP1139		Confidential		542260	
HSD (H)	DP1279		Confidential		542277	
HSD (H)	DP1265		Confidential		542274	
HSD (H)	DP1264	Jan 1973	Confidential		542273	
HSD (H)	DP1262		Confidential		542272	
HSD (H)	DP1261		Confidential		542271	
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HSD (H)	DP1254		Confidential		542268	
HSD (H)	DP1253		Confidential		542267	
HSD (H)	DP1288	Sep 1975	Restricted			

Rvised instructions for check firing the TP1A gas generator  
... supplies console test specification (Seaslug Mk 2 boost separation improvement)  
Seaslug Mk 2 separation switch and cable assembly (warhead version) production electrical test specification  
Seaslug Mk 2 separation switch and cable assembly (telemetry version) production electrical test specification  
Production testing of Seaslug Mk 1 simulator E2405 and E6275  
Assembly and inspection procedure for gas generator cap - igniter terminal assembly for firing harness assembly  
Testing of Seaslug Mk 2 break-up system on board ship  
Testing of Seaslug Mk 2 break-up system wiring (prior to installation of K2A1 SAGW unit) at RNAD  
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Instructions for refurbishing the candle flame extinguisher, part no D11391  
Functional testing of the candle flame extinguisher, part no D11391  
Schedule of test for Seaslug Get Well missiles  
List of DP specifications  
Fax plus miscellaneous notes ref Chile  
General assembly candle flame extinguisher (EU2A)  
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Project 502, recovery report, round no S2A10  
Project 502, recovery report, round no S2A9  
Project 502, addendum to recovery report round no S2A8  
Project 502, recovery report, round no S2A5  
Project 502, recovery report, round no S2A21  
Project 502, recovery report, round no S2A13  
Project 502, recovery report, round no S2A14  
Project 502, recovery report, round no S2A12  
Project 502, recovery report, round no S2A11

BAeDG (H)	DP1285		Unc		542279
HSD (H)	DP1280		Unc		
BAeDG (H)	DP1368	Nov 1979	Restricted		
BAeDG (H)	DP1365	Nov 1979	Restricted		
BAeDG (H)	DP1362	May 1979	Restricted		
BAeDG (H)	DP1361	Sep 1979	Unc		
BAeDG (H)	DP1360	Dec 1978	Restricted		
BAeDG (H)	DP1359	Dec 1978	Restricted		
BAeDG (H)	DP1355	Mar 1981	Unc		
BAeDG (H)	DP1354	Sep 1978	Unc		
BAeDG (H)	DP1353	Sep 1978	Unc		
BAeDG (H)	DP1352	Sep 1978	Unc		
HSD (H)	DP1257		Confidential		542270
BAeDG (B)			Unc		
BAeDG (B)		Mar 1988	Unc		
HSD (H)	D 11391	1977	Unc		
HSD (C)	E 5940		Unc		
HSD (A)		Dec 1963	Secret	12	
HSD (A)		Oct 1963	Secret	13	
HSD (A)		Jul 1963	Secret	13	
HSD (A)		Mar 1963	Secret	15	
HSD (A)	SRR 1041	Apr 1964	Secret	12	
HSD (A)	SRR 1054	Aug 1964	Secret	14	
HSD (A)	SRR 1055	Aug 1964	Secret	13	
HSD (A)	SRR 1044	Apr 1964	Secret	12	
HSD (A)	SRR 1042	1963	Secret	12	

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Possible introduction of Pranger fuze into Mk 2 Seaslug (HE) - study of feasibility	WGA	1138	Mar 1962	Secret	8		
Specification and dynamic checks for Stage 1 of the simulation of Seaslug Mark 2 on AWAC	AWA	R 109	Jul 1960	Secret	9		
Results of storage trials carried out on the TP1A gas generator in accordance with OB Proc GP287	AWA	DV 61		Secret	10		
An estimate of the gas generator performance for Mark 1 Seaslug control system hydraulic power demands	AWA	DV 55	Jul 1959	Secret	13		
Operating and firing procedure for the IPN tank (pressurised) feed system, test bed 3 installation	AWA	DV 54	Apr 1959	Secret	1		
Procedure for assembling and filling gas generator igniters to Drg B9593, including notes on safety precautions	AWA	DV 53	Feb 1959	Secret	16		
Report on cooling air tests carried out on the aft body of an SC missile	AWA	D 15	Feb 1960	Unc	18		
Design study of the Seaslug firing system to SP32 requirements	AWA	D 16	Apr 1960	Confidential	14		
The pressure sealing of Mk 4 type electrical connectors as applicable to the Pranger fuze back plate	AWA	D 18		Unc	16		
Formulae for centre of pressure at three Mach numbers	AWA	R 44	Sep 1959	Secret	8		
Final proving trials on the balanced control valve (for TP2C gas generator)	HSD (C)	DV 171	Dec 1963	Unc	1		
Seaslug mk 1 type record, ancillary equipment, load and stress analysis	AWA			Unc			
Development and performance of the automatic shut down valve Type CU286/10	AWA	DV 104	Jan 1961	Unc	18		Downgraded 5/83
Note on the procedure adopted for check firing TP1A gas generators	AWA	DV 105		Secret	1		
Performance of IRGO valve Type B with Retriever CDB boost motors	HSD (C)	D 57	Apr 1964	Secret	9		
Report on ground trials to prove functional compatibility of BAH, IRGO valve and Deerhound shuttle igniter with Retriever	HSD (C)	D 59	Jun 1964	Confidential			
Long term storage test on a Type TP-1 gas generator	AWA	DV 45		Secret	1		
Safety aspects of the inertia released gas operated (IRGO) boost release system for the Seaslug missile	AWA	D 12	Mar 1960	Secret	17		
Lists of Seaslug firings				Unc			
Inertia valve and pipe assembly (drawing)	BAeDG (H)	E 5790	1962	Unc			
Inertia valve and actuator assembly (drawing)	BAeDG (H)	E 5799	1963	Unc			
Letter ref event records for Seaslug Mk 2 firings GL61-5	BAeDG (B)		Oct 1984	Restricted		161/396	
Letter ref HMS Glamorgan Seaslug firings in March 1984	BAeDG (B)		Jan 1985	Restricted		161/487	
Seaslug Mk 2 certificate of design and interim CGWL release to service	MoD/RPO	RPD/2/014	Oct 1969	Restricted		524816	
Seaslug surveillance reports (4 off)	BAeDG (B)	Q10036-9	Jan 1984	Unc			
Miscellaneous letters, memos, etc	BAeDG (B)			Unc			
A specification for the development of GATAC to permit the simulation of the SF missile	AWA	R 107	Mar 1960	Secret	14		
Report on underwater explosive shock tests on missiles SD38 and S2A1/1	HSD (C)	EV 151	Jun 1964	Confidential			
Centrifuge tests on inertia operated flare - final report	AWA	DV 59		Confidential	13		
Functioning and safety tests of the TP1A IPN gas generator (OB Proc GP287)	AWA	DV 57	Dec 1959	Secret	16		
Some thoughts on the tactical employment of the naval guided weapon Seaslug	MoD/RAE(F)	GW 43	Mar 1949	Secret			
A proposed method of obtaining an improved light up characteristic on the TP1A gas generator	AWA	DV 62	Jan 1961	Secret	8		
Data for aeroelastic clearance of SF rounds	WGA	SFAC 3	Dec 1962	Secret			
Specification for testing Seaslug Mk 2 missiles in HM Ships	GEC AELIP	MTE2/1029	Apr 1965	Secret			Issue 7
Specification for testing Seaslug Mk 2 missiles and spare parts at RN Armament Depots. Volume 1, missile	GEC AELIP	MTE2/1039	Aug 1972	Secret	18		
Safety traces for practice firings at the Aberporth range (plus covering letter)	BAeDG (H)		Oct 1979	Confidential	6	540420	
Several faxes ref support to/sale of Seaslug for Chile	BAeDG (S)		1990	Unc			Faded copies
Seaslug Mk 2 notices of firings	BAeDG (B)		1982-4	Restricted			
Literature search memorandum (Seaslug)	BAeDG (B)		Sep 1987	Unc			
Missile restraint (file)	AWA	MH 68&10	1959	Unc			
Handling ring for SA20+, SB and SC rounds (file)	AWA	E 2156		Unc			
Handling equipment for naval establishment, for ships etc (file)	AWA		1961	Unc			
Top cap casting (front side boost attachments)(starboard)(drawing)	AWA	E 5756	Nov 1962	Unc			
Beam, hoisting guided missile (drawing)	HSD (C)	E 2548	Mar 1965	Unc			
Beam for single point lift - boosted missile sling (drawing)	HSD (C)	E 2543	Mar 1965	Unc			



# Seaslug documentation - contents of Box 12

Document title	Publisher	Reference No.	Date	Classification	Copy No.	Registry No.	Notes
Seaslug Mk II simulation, control equations	Sperry	TL 234	Nov 1972	Confidential	2	540577	
Specification NGW SS2 SR. Seaslug Mk 2 missile, standardised repair 1979, reference documents	MoD/DSWP	SK/38/033	Mar 1979	Restricted			
Specification NGW SS2 PR. Seaslug Mk 2 missile planned repair 1975-82 reference documents	MoD/DSWP	SK/38/033	Mar 1980	Restricted			
Seaslug (Mk 1) design compendium Part 1, Sections 7-10	AWA	SDC2/A2		Secret	66	536189	
Seaslug (Mk 1) design compendium Part 1, Sections 1-6	AWA	SDC2/A2	Mar 1958	Secret	49	536192	
Seaslug (Mk 1) design compendium Parts II and III	AWA		1958	Secret	23	536191	
Seaslug (Mk 1) design compendium Part 1 and Corrigendum	AWA		Dec 1955	Secret	23	536190	Issue 1
Report on ground trials to establish compatibility of Type 2c BAH when fired in unarmed condition with Retriever	HSD (C)	D 58	Apr 1964	Confidential			
General progress of Project 502 to March, 1950, Volume 1	AWA		May 1950	Secret	56	536219	
Project 502 progress report, Volume II, (Appendix A) report by the General Electric Company Ltd	AWA/GEC		Apr 1950	Secret	56	536220	
General progress of Project 502 (October 1954 - March 1955)	AWA		Apr 1955	Secret	99	536209	
General progress of Project 502 (April 1955 - September 1955)	AWA		Oct 1955	Secret	100	536210	
CWS 2 Mod 1 Firing System Mk 2 Mod 0 timing chart - salvo	MoD/DWS	DWS 1809	Apr 1964	Confidential		524817	
Procedure for the surveillance of Seaslug Mk 2 missiles	MoD/DSWP	NGW SS2	Feb 1979	Restricted	1		Issue 3
Seaslug gas generator, proving trials of modified igniter cartridge GM K31A1 to OB Proc. GM184 Trial No 1	HSD (H)	GW 74/256		Restricted	18		
Seaslug gas generator, assessment of Emralon 810 as a replacement for polythene grease	HSD (H)	GW 74/374	Feb 1975	Restricted	14		
Acceptance tests for Seaslug separation valve Type D11358	HSD (H)	GW 73/160		Restricted			
Seaslug TP2C gas generator life extension exercise to TRN82	HSD (H)	GW 73/126	Mar 1973	Restricted	12		
Seaslug rear body panel and joint tests	HSD (H)	GW 73/414		Restricted	12		
Seaslug life extension exercise to TRN107 (gas generator four year store)	HSD (H)	GW 73/205	Aug 1973	Restricted	13		
Seaslug Mk 1 (life extension) gas generator TP1A corrosion inhibitor investigation (TRN 64)	HSD (H)	GW 72/197	Jul 1972	Restricted	M		
Seaslug TP2C flexible pipe fatigue trials to TRN 96	HSD (H)	GW 73/044	Feb 1973	Restricted	13		
Emralon 810 as a replacement for polythene grease (TRN 6)	HSD (H)	GW 72/389	Dec 1972	Restricted	7		
Seaslug Mk II boost release valve function tests at ambient temperature extremes	HSD (H)	GW 72/042	Feb 1972	Restricted	7		
IPN leakage investigation on Seaslug Mk 2 gas generator serial no. L225	HSD (H)	GW 70/028	Feb 1970	Unc	10		
Examination of three Seaslug gas generators in respect of suspected high acidity values of the IPN fuel	HSD (H)	GW 70/169	Nov 1970	Unc			
Seaslug TP2C gas generator OB vibration trials to TRN 72	HSD (H)	GW 72/223	Aug 1972	Restricted	8		
Investigation into the failure of a Seaslug gas generator serial no. L551 from round S2E111	HSD (H)	GW 72/013	Jan 1972	Restricted	9		
Seaslug TP2C gas generator disc rupturing tests	HSD (H)	GW 71/286	Nov 1971	Unc	8		
IPN leakage investigation on Seaslug Mk II gas generators using a Sieger portable explosive gas detector	HSD (H)	GW 70/042	Mar 1970	Unc	8		
Seaslug TP2C gas generator 'dieselling' trials to TRN 76	HSD (H)	GW 71/343	Feb 1972	Restricted	10		
Fuze electronic GMK 13 A1 (list of units in missiles)	Chile						
General order (Seaslug Mk 2) No. 7, life limitations on Seaslug Mk 2 components	MoD	BR4899	Dec 1979	Restricted			
Seaslug Mk 2 equipment life schedule	BAeDG (H)	EV 155	1978	Restricted			Issue 5
Tooling/unit holding fixtures for the Seaslug gyro	BASE						
Various memos on disposal of Seaslug hardware	BAeDG (B)		1989	Unc			
Various Faxes to/from Chile re: support to Seaslug	BAe/Chile		1988	Unc			
List of BAe Seaslug personnel to Chile	BAe/Chile		1988	Unc			
Seaslug Mk 2 life extension in service with the Armada de Chile	BAeDG (B)	B1 23522	May 1988	In confidenc	9		

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Investigation of a typical missile skew-bolt joint under bend and shear loads	AWA		Sep 1962	Unc			
Project 502 airframe technical report, strength requirements for design	AWA	ATR 1	Oct 1950	Unc			Issue 2
Airframe stress report, calculation of shoe loads, body loads and front boost attachment loads for the 502 Mk 1	AWA	ASR 14	Aug 1957	Unc			
Flight vibration of missiles SA44 and SA47, analysis of tape recordings	AWA	EV 42	Apr 1960	Secret	9	534486	
Investigation into the dynamic properties of the Mark 1 Seaslug structure	AWA	EV 48	May 1960	Secret	14	534487	
PS138 flight vibration, preliminary analysis of tape recordings	AWA	EV 14	Aug 1958	Secret	26	534509	
PS133 flight vibration, preliminary analysis of tape recordings	AWA	EV 8	May 1958	Secret	19	534495	
Summary of rough usage and service trials on an X3 container for a fully boosted missile	AWA	EV 13A	Aug 1958	Confidential	23	534508	
Preliminary analysis of the vibration and shock measured on PH6 during movement through the HMS Girdleness system	AWA	EV 16	Apr 1958	Secret		534510	
PS142 PS160 PS162 flight vibration, preliminary analysis of tape recordings	AWA	EV 19	Feb 1959	Secret	28	534489	
PS128 flight vibration, preliminary analysis of tape recordings	AWA	EV 17	Nov 1958	Secret	25	534488	
A comparison of the environmental test specifications of the major Seaslug contractors	AWA	EV 7	Mar 1958	Secret		534492	
Factory check-out test specification (safety & arming unit for Seaslug Mk 2 HE)	JLT		Sep 1962	Secret			
Report on a drop test of the tandem piston type gas generator using IPN D' liquid fuel	AWA	EV 5	Mar 1958	Secret	9	534505	
Environmental test specification for boost separation switches, drawing no. C4561	AWA	EV 6	Mar 1958	Secret	4	534502	
SA12 flight vibration, preliminary analysis of tape recordings	AWA	EV 22	May 1959	Secret	23	534498	
Rough usage and service trials on an X3 container for a fully boosted missile	AWA	EV 13	Sep 1958	Secret	24	534507	
Seaslug design record (part of - 2 volumes)	AWA			Unc			
Acceptance schedule for Seaslug missile test equipment (ship)	GEC-AEL(P)	MTE2/1020	Apr 1965	Secret			
Acceptance schedule for Seaslug Mk 2 missile test equipment - (ship), DGW(N) specification G788	GEC-AEL(P)	MTE2/2020	Oct 1969	Secret	5		
Specification for testing Seaslug Mk 2 missiles and spare parts at RNADs Parts 2 and 3 spare parts	GEC-AEL(P)	MTE2/1039		Secret	18		
Acceptance schedule for Seaslug missile test equipment Mark 2 (depot)	GEC-AEL(P)	MTE2/1030	Dec 1967	Secret	35		
Schedule of tests for S2D missiles (telemetry build 21) at Whitley	HSD (C)	DP 187		Restricted			
ADA for DLGs Rules Section 6	MoD/ASWE	M19018/86/A	Feb 1966	Secret	23		
Seaslug Mark 1, equations for simulation	HSD (H)	GW 71/317	Jun 1972	Secret	12	540717	
Specification for an accelerometer to measure missile accelerations	WGA	DP 179	Jul 1963	Unc			
Production electrical test specification for continuous power supply contact box and contact assembly	HSD (C)	DP 146		Unc			
Manufacture and inspection of BAH igniter terminal block	BAeDG (H)	DP 168		Unc			
Seaslug aerodynamics file	BAeDG (H)		1981	Restricted			
Seaslug Mk 2 as a high altitude, level flying target for Sea Dart Mk 2 trials, proposal for a pre-feasibility study	BAeDG (H)	GW 78/131	Apr 1978	Restricted	5		
Comments on flutter and aeroelasticity clearance for SF and Mk 2	WGA		Jan 1962	Confidential		542340	
An interim note on anti-symmetric flutter involving the control system	AWA		Jan 1960	Secret		542294	
Flutter and aeroelastic work file	AWA			Unc			
Seaslug aerodynamics tables (1 - 19)	AWA			Unc			

# Seaslug documentation - contents of Box 14

Document title	Publisher	Reference No	Date	Classification	Copy No	Reg-stry No	Notes
Seaslug flight vibration environment collated results of analyses from tape recordings	AWA	EV 31	Oct 1959	Secret	22	534500	
Seaslug Mk 1 missile type record. Part 2, Volume 2, Sections 4 to 8 inclusive	WGA	32 04 54		Secret	8	536185	
Seaslug Mk 1 missile type record. Part 3	WGA	32 04 55		Secret	10	536186	
Seaslug missile flight vibration measurements on rounds SC56 and SC57	AWA	EV 77	Jun 1961	Secret	9	534479	
An investigation of the dynamic behaviour of the GEC beacon for the Seaslug Mk 2 missile	AWA	EV 71	May 1961	Secret	10	534484	
Climatic tests carried out on Seaslug Mk 1 missile SD36 to MoA and OB requirements	AWA	EV 82	Sep 1961	Confidential	28	534480	
Impulsive mechanical excitation of the Mk 1 missile configuration	AWA	EV 41	May 1960	Confidential	10	534485	
Investigation into the dynamic properties of the Mark 1 Seaslug structure, Part 2 flexural modes of fully boosted missile	AWA	EV 38	Jan 1960	Secret	23	534513	
Vibration trials on SC48	AWA	EV 34	Nov 1959	Secret	17	534512	
SD9 flight vibration, preliminary analysis of tape recordings	AWA	EV 21	Apr 1958	Secret	25	534499	
SD121 flight vibration, preliminary analysis of tape recordings	AWA	EV 3	Mar 1958	Secret	1	534483	
Vibration tests on an IPN gas generator (OB Proc GP 228)	AWA	EV 28	Aug 1959	Secret	11	534496	
SD125 flight vibration, analysis of tape recordings	AWA	EV 9	May 1958	Secret	20	534501	
Boost simulator, Mark II	AWA	DV 49		Secret	11		
Report on exposure tests carried out on test specimens simulating cooling face of HP air bottle for Seaslug Mk 2	AWA	D 30	Jun 1961	Restricted			
Trial at RPE, Westcott, to establish compatibility of a BAH when fired in unarmed condition with a Gosling IVH	WGA	D 32	Dec 1961	Confidential	6		
Mk 2 warhead changing trials in the discard space mock-up	AWA	D 29	Jun 1961	Secret	11		
Trial at RPE, Westcott, to check operation of 2B type BAH fired in unarmed condition with Gosling VA boost motor	WGA	D 35	Jul 1962	Confidential	7		
Adjusted polynomial fitting to centre of pressure data for the Mk 2 SF and Mk 1 missiles	WGA	R 149	Dec 1961	Secret	6		
Report on Stage 1 of the simulation of Seaslug on GATAC	AWA	R 31	Jul 1957	Secret	25		
The effect of increased stiffness on natural frequency	AWA	D 10		Secret	5		
Post-flight digital simulation of longitudinal performance of SC5	AWA	R 93	Sep 1959	Secret	22		
A first investigation on GATAC into the stability of an SF type missile with repositioned front accelerometer	AWA	R 115	Sep 1960	Secret	21		
The estimation of a 'free-running window' for Seaslug trial rounds fired from Aberporth	AWA	R 97	Mar 1959	Secret	25		
The advantages of adopting a 45 degree roll stabilization attitude for Seaslug Mark 2	AWA	R 121	Jun 1960	Secret	18		
Setting up the GATAC simulator for SF rounds	AWA	R 128	Nov 1960	Secret	9		
Coolant specifications for TP1A and TP2 gas generators	HSD (C)	DP 216		Unc			
Functional testing of the TP2C gas generator safety vent valve, drawing no B14080	HSD (C)	DP 249		Unc	M		
Instructions for refurbishing the TP1A gas generator drawing no E3300	HSD (H)	DP 255		Unc			
Test procedure for Mk 2 Seaslug production missiles	HSD (C)	DP 263		Restricted			
Decontamination (by hand) of TP2C IPN gas generators	HSD (C)	DP 269		Unc	M		
Special assembly and inspection technique for boost separation switches, drawing nos C4561 and D5985	AWA	DP 305		Restricted			
Special assembly and inspection technique for boost arming switch, drawing nos C8765 and C13218	HSD (C)	DP 312		Restricted	M		
Special assembly and inspection technique for boost separation switches, drawing nos C7345-6	AWA	DP 316		Restricted	M		
Assembly requirements and electrical test procedure for the Boost Arming Head	AWA	DP 331		Unc			
Circle Ness test equipment, test sequence unit, setting-up, checking, operating and maintenance notes	AWA	DP 339		Confidential	M		
Electrical test procedure for capacitor unit	AWA	DP 393		Unc			
Electrical tests on capacitor unit cableform assembly	AWA	DP 397		Unc			
Test procedure for Mk 2 Seaslug production missiles	HSD (C)	DP 622		Confidential	M		
Seaslug Mark 2 pressure transducer Type TD444, production test specification	HSD (C)	DP 842		Restricted	M		
Seaslug Mk 2 transducer assembly, production electrical test specification	HSD (C)	DP 846		Restricted	M		
Seaslug Mk 2 Boost Arming Head, assembly requirements and electrical test procedure	HSD (C)	DP 853		Restricted	M		
Procedure for the decontamination of TP2C gas generators on the BAe automatic decontamination equipment	BAeDG (H)	DP 856		Unc	M		
Setting up, checking and maintenance procedures for the telemetry head test set E8073 and junction box D10748	HSD (C)	DP 872		Restricted			
Seaslug Mark 2 safety and arming mechanism assembly procedure at Whitley	HSD (C)	DP 879		Restricted	M		
Specification for the production testing of board no. 973 gate, electronic (T/A correct) forming part of Seaslug MTE Mk 2	HSD (C)	DP 932		Unc	M		
Specification for the production testing of board no. 668 rectifier, semi-conductor device, forming part of Seaslug MTE	HSD (C)	DP 936		Unc	M		
Specification for the production testing of telemetry sender Type Q+1 (Seaslug Mk 2)	HSD (C)	DP 948		Restricted	M		
Specification for the production testing of telemetry sender Type Q+2 (Seaslug Mk 2)	HSD (C)	DP 949		Restricted	M		
Specification for the production testing of Seaslug Mark 1 telemetry heads	HSD (C)	DP 951		Confidential	M		

Flux tests - Seaslug welded pipe assemblies  
Repair specification for Seaslug GW equipment  
Refurbishing of Deerhound centre body (Seaslug Mk 2)  
Planned repair specification for Seaslug GW equipment (economy proposal)  
Repair specification for Seaslug Mk 2 missiles  
Wing iteration experiment, aeroelastic test memo  
Flutter of the 502 control blade, 1. modes involving body torsion  
Geometry of control surface (7.5%) (drawing)  
Seaslug Mk 2 practice firing, trials analysis report, trial no. NO20  
Seaslug Mk 2 acceptance trials, final missile performance report, round no. S2D15  
Wing iteration experiment (2nd series), aeroelastic test memo  
Cable assembly special purpose electrical (drawing)  
Transmitter radio telemetry assembly (single channel) (part of drawing)  
Instructions for testing units despatched to Lostock for the Seaslug Mk II surveillance exercise  
Trigger units - Seaslug (note ref investigation of failures)  
Effect of changes in control surface mass balance weight on estimated flutter speeds of rounds with Mk 1 and SF wings  
Seaslug Mk 2 control blade divergence study (file)  
Tail/tail-body derivatives (file)  
Theory of divergence of low aspect ratio wings with leading edge cut-off (file)  
Seaslug Mk 2 engineering design notes

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HSD (H)	DP 1287		Unc		
HSD (H)	DP 1307		Unc		
BA&DG (H)	DP 1310	Oct 1980	Restricted		
HSD (H)	DP 1330	Aug 1977	Unc		
HSD (H)	DP 1338	Aug 1977	Restricted		
AWA	ATM 1-4	Jul 1960	Unc	M	
AWA		Mar 1955	Unc		
AWA	D 4779	Jan 1957	Unc		
BA&DG (H)	GW 79/380	1980	Secret	27	535680
HSD (C)	H 3011	Mar 1968	Secret	2	
AWA	ATM 5 7-13	Sep 1980	Unc	M	
HSD (C)	B 21667		Unc		
HSD (C)	C 13453	Feb 1965	Unc		
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AWA	AN 11	Apr 1961	Secret	8	542299
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HSD (C)	D 68	Feb 1964	Secret	1	

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Thermal shock testing of Seaslug fuze window SW32	HSD (H)	STR 219	Feb 1964	Confidential			
The lateral instability of SF6 in gathering	AWA	AN 12	Jun 1961	Secret	12	542298	
Control/flexure stability	WGA	AN 16	Dec 1961	Confidential	6	542335	
Lateral stability boundaries for Mark 2 autopilot as function of body flexure frequency body damping and distance of fin	AWA	AN 14	Jul 1961	Secret	15	542297	
Mk 2C aeroelastic ground tests	WGA	AN 18	Apr 1962	Confidential	11	542338	
Mk 2 aeroelastic ground tests	WGA	AN 19	May 1962	Confidential	11	542337	
Survey of information available on the aeroelastic behaviour of SF and Mk 2	WGA	AN 20	Jul 1962	Secret	13	542298	
To investigate the effect of changes of body torsional stiffness upon the roll oscillation of a 502 Mk 2 missile	WGA	AN 23	Jan 1963	Confidential		542339	
Aeroelastic tests on missiles involving the control equipment	WGA	AN 21	Aug 1962	Confidential	13	542338	
Further investigation of effects of changes of body torsional stiffness upon roll oscillation of 502 Mk 2 missile at high alt	WGA	AN 27	Apr 1963	Confidential	13	542334	
The effect of fin buzz on Mk 1 roll-lateral stability	AWA	AN 10	Mar 1961	Secret		542300	
A simplified Mk 2 fuze/warhead matching study based on a single plane geometrical model	WGA	R 176	Feb 1963	Secret	3		
FN Seaslug Mk 2 service firings, summary of results	BAeDG (H)	GW 82/298	Aug 1962	UK Restrictd	15	502452	
Seaslug Mk 2 R&D trial, round no S2C62, GW17 fuze report	EMIE	DMP 2562	Sep 1968	Secret	6		
Seaslug Mk 2 fuze, report on radio interference trial conducted at RRE, Pershore 26th March to 11th April 1968	EMIE	DMP 3165	Jun 1968	Secret	8		
Analysis of Seaslug Mk 2 lethality results	EMIE	DMP 2177	May 1965	Secret	10		
Seaslug Mk 2 R&D trial, round no S2C35, GW16 fuze report	EMIE	DMP 2526	Jul 1966	Secret	6		
Seaslug Mk 2 GW17 fuze R&D trial, round no. S2E121	EMIE	DMP 3199	Jul 1968	Secret	10		
Seaslug Mk 2 GW17 fuze R&D trial, round no. S2C39	EMIE	DMP 3198	Jul 1968	Secret	10		
Seaslug Mk 2 fuze, solar radiation tests	EMIE	DMP 1927	Oct 1964	Secret	5		
GW17 proximity fuze for Seaslug Mk 2, certificate of design (parts 2 to 5)	EMIE	DMP 2570	Sep 1966	Secret	15		
A preliminary assessment of a first point seen fuze and a simple three beam fuze in Seaslug Mk 2 tactical situations	EMIE	DMP 2196	Apr 1966	Secret	9		
Technical requirement for the GW17 fuze (draft of issue 3)	MoD/RARD	FLO/S1/038	Dec 1963	Secret			Issue 3 dra
A mathematical model for the Seaslug Mk 2 GW17 fuze, addendum to DMP 5145	EMIE	SA 509	Apr 1981	Secret	4	122612	
GW17 proximity fuze Type SW41 design aim	EMIE	DMP 1923	Sep 1966	Secret	13		
GW17 proximity fuze Type SW42 design aim	EMIE	DMP 2718	Mar 1968	Secret	12		
Pilot investigation into the performance of Seaslug Mk 2 (SW42 IR fuze) against intermediate speed targets	HSD (C)	R 78	Jan 1967	Secret	16		
A description of the digital fuze and lethality programme used in the Seaslug Mk 2 performance study	HSD (C)	R 174	Jun 1966	Secret	14		
Preliminary investigation into stability of mark 1 autopilot with view to boost phase control of Mark 1 missile with plastic b	AWA	R 41	May 1959	Secret	9		
Trial no S2C6, advance information	HSD (C)	G 1040	Jul 1963	Secret	3		
Project Seaslug recovery report S2A501	HSD (A)			Secret	2		
Trial S2C9, advance information	HSD (C)	G 267	Sep 1963	Secret	3		
Trial S2C10, advance information	HSD (C)	H 270	Oct 1963	Secret	3		
Trial no S2C11, advance information	HSD (C)	G 265	Jun 1963	Secret	3		
Seaslug Mk 2 acceptance trials final performance report, round no S2E3	HSD (C)	H 3017	Jul 1967	Secret	2		
Boost configurations for the first ten firings in the Seaslug Mk 2 Get Well programme	HSD (H)	GW 70/177	Dec 1970	Restricted	32		
Seaslug Mk 2 safety and arming mechanism, summary of trial results for missiles fired up to 31st January 1970	HSD (H)	SA 1	1970	Secret	34		
Seaslug Mk 2 sea trials, trials analysis report, sea trial no GL21	HSD (H)	GW 70/084	Aug 1970	Secret	42		
Seaslug Mk 2 sea trials, trials analysis report, sea trial no GL19	HSD (H)	GW 70/083	Aug 1970	Secret	42		
Seaslug Mk 2 sea trials, advanced information for sea trials no GL23	HSD (H)	G 3052	1970	Secret	43		
Seaslug Mk 2 sea trials, advanced information for sea trial no. GL18	HSD (H)	G 3051	1970	Secret	43		
Seaslug Mk 2 practice firings, trials analysis interim report, trial no GL36-38 inc	HSD (H)	GW 73/298	1973	Secret	28		
Seaslug Mk 2 practice firing trials analysis report, trial no NO07	HSD (H)	GW 73/180	1973	Secret	43		
Seaslug Mk 11 surveillance report (final) (ex-missiles S2E179 and S2E60)	MSDS (P)	PDS/SS2/037		Restricted			
Seaslug Mk 2 Get Well programme (Part A) preliminary trials analysis report, missile no S2A506	HSD (H)	GW 72/359	1972	Secret	29		
Seaslug Mk 2 practice firing, trials analysis report trial no AN08	HSD (H)	GW 72/309	1972	Secret	44		
Seaslug Mk 2 practice firing, trials analysis report trial no. F116	HSD (H)	GW 73/725	1973	Secret	41		
Seaslug Mk 2 practice firing, trials analysis report, trial no NO06	HSD (H)	GW 73/494	1973	Secret	39		
Seaslug Mk 2 practice firings, trials analysis interim report, trial no AN14-15	HSD (H)	GW 73/286	1973	Secret	28		
Seaslug Mk 2 practice firing, trials analysis report, trial no F113	HSD (H)	GW 73/266	1973	Secret	41		

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Seaslug Mk 2 practice firings trials analysis interim report, trial no AN10-13 inc  
Break up unit SAGW GM K2A1, progress report  
Break up unit SAGW GM K2A1, progress report  
Seaslug Mk 2 practice firings trials analysis interim report, trial no. GL30-35 inc  
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Seaslug Mk 2 Get Well programme (Part A) preliminary trials analysis report, missile no S2C603  
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Missile and trial specification for S2A505, a fixed fin round of the Seaslug Get Well Programme Part A  
The post-flight simulation of Seaslug Mk 2 using digital programmes proposed methods  
Seaslug Mk 2 practice firing, trials analysis report, trial no AN02  
Seaslug Mk 2 practice firing, trials analysis report trial no GL26  
Seaslug Mk 2 practice firing, trials analysis report trial no NO05  
Seaslug Mk 2 practice firing, trials analysis report, trial no GL25  
Seaslug Mk 2 practice firing, trials analysis report, trial no GL27  
Seaslug Mk 1 practice firing, trials analysis report, trial no LO27  
Seaslug Mk 2 Get Well programme (Part A) preliminary trials analysis report, missile no S2A505  
Seaslug Mk 2 practice firing, trials analysis report trial no AN01  
Seaslug Mk 2 practice firing, trials analysis report trial no AN09  
Seaslug Mk 2 practice firing trials analysis report, trial no AN04  
Seaslug Mk 2 practice firing, trials analysis report, trial no AN03  
Missile and trial specification for S2A506, a fixed fin round of the Seaslug Get Well Programme, Part A  
Seaslug Mk 2 Get Well programme (Part A) preliminary trials analysis report, missile no S2C601  
Seaslug Mk 2 practice firing, trials analysis report, trial no F114  
Seaslug Mk 2 Get Well programme (Part A) preliminary trials analysis report missile no S2A502  
Seaslug Mk 2 practice firing trials analysis report, trial no F115  
Seaslug Mk 2 practice firing trials analysis report, trial no GL28  
Seaslug Mk 2 practice firing, trials analysis report, trial no AN07  
RN Seaslug Mk 2 service firings, summary of missile performance  
4 channel L3 telemetry calibrations (Seaslug) (Mk 2)  
Aeroblastic clearance for SF rounds, Part II, concluding paper  
List of (Seaslug) Mk 1 and Mk 2 service rounds  
List of trials Seaslug 1 Seaslug (Mk 2) acceptance and R&D Seaslug II, Seaslug Get Well  
Rigid missile roll loop frequency locus for SF 1 to 8  
Experimental servo transfer functions  
Aeroblastic design criteria for Project 502 Mk II  
Preliminary report on Seaslug Mk 2 surveillance control equipment S2E71 and S2E72  
Seaslug Mk 1 equipment life schedule  
An analysis of the Seaslug Mk 2 lateral loop tolerances using the method of orthogonal squares  
The method of orthogonal squares applied to the roll loop of seaslug Mark II  
Seaslug Mk 1 service firings, trial KE2B/SE107, fuze report  
Seaslug K31A1 igniter, primer - sub-assembly life assessment trial  
Report on Seaslug Mk 2 surveillance control equipments S2E96 98, 60 and 179  
Preliminary report on Seaslug Mk 2 surveillance control equipment S2E28 and S2E145

IRL	FTR-171-01	Nov 1973	Confidential			
HSD (H)	GW 72/412	1973	Secret	20		
ROF(B)	PR 5	Jan 1972	Restricted			
ROF(B)	PR 6	Apr 1972	Restricted			
HSD (H)	GW 72/413	1973	Secret	28		
HSD (H)	GW 73/018	1973	Secret	31		
HSD (H)	GW 73/008	1973	Secret	31		
HSD (H)	GW 73/049	1973	Secret	31		
HSD (H)	GW 73/084	1973	Secret	43		
HSD (H)	GW 72/027	Feb 1972	Secret	20		
HSD (H)	R 2340	Jan 1972	Secret	14		
HSD (H)	GW 72/114	1972	Secret	44		
HSD (H)	GW 71/256	1971	Secret	44		
HSD (H)	GW 71/319	1971	Secret	43		
HSD (H)	GW 71/305	1971	Secret	43		
HSD (H)	GW 71/269	1971	Secret	43		
HSD (H)	GW 71/061	1971	Secret	44		
HSD (H)	GW 72/232	1972	Secret	32		
HSD (H)	GW 72/112	1972	Secret	44		
HSD (H)	GW 72/171	1972	Secret	44		
HSD (H)	GW 72/113	1972	Secret	44		
HSD (H)	GW 72/147	1972	Secret	44		
HSD (H)	GW 72/160	Jun 1972	Secret	18		
HSD (H)	GW 72/129	1972	Secret	18		
HSD (H)	GW 72/140	1972	Secret	44		
HSD (H)	GW 72/09	1972	Secret	29		
HSD (H)	GW 73/466	1973	Secret	40		
HSD (H)	GW 73/135	1973	Secret	43		
HSD (H)	GW 73/103	1973	Secret	43		
BAADG (H)	GW 81/198	Jul 1981	UK Restrict	21	502455	
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WGA			Secret		542292	Draft inter
			Unc			
			Unc			
AWA	AN 7	Dec 1960	Secret	9	542301	
AWA	AN 2	Oct 1960	Secret	9	542304	
AWA	AN 1	Aug 1960	Secret	20	542319	
Sperry	TR 420	May 1973	Restricted	6		
HSD (H)	EV 237	Jan 1969	Confidential	58	535958	
Sperry	TN 807	Jun 1965	Secret	8		
Sperry	TN 782	Oct 1964	Secret	8		
EMIE		Nov 1976	Secret		534481	
MoD/PERM	PR 37	Jul 1982	Restricted		535938	
Sperry	TR 407	Jan 1973	Restricted	1		
Sperry	TR 432	Nov 1973	Restricted	6		



# Seaslug documentation - contents of Box 16

Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Seaslug Mk 2 Get Well (Part A) programme trials analysis report, round no S2A501	HSD (H)	GW 72/043	Mar 1972	Secret	31		
Feasibility of break-up systems fitted to Seaslug Mark 1 and seaslug Mark 2	HSD (H)	RJ 64	1970	Secret	20		Issue 2
The Seaslug Mk 2 performance study Section 1 Part 3 small high speed aircraft	HSD (C)	R 63	Jan 1985	Secret	20	538165	
Helicopter/boost efflux trials (HMS Kent Seaslug Mk 1)	HSD (C)	TL 77	Dec 1964	Confidential	18	534245	
Retrospective examination of the look angle and time delay selected for the IR fuze (designated GW17) in 1962	HSD (H)	GW 70/043	Mar 1970	Secret	15		
Proposal for the use of the Red Top IR fuze in Seaslug Mk 2	HSD (C)	R 52	Mar 1965	Secret	5	536036	Draft
Interim report of local technical investigation to enquire into accident which occurred at RAE (A) on 17th June 1965	MoD		Aug 1965	Secret		536105	
Supplement to report on local technical investigation held at RAE (A) on 5th October 1965 to enquire into the circumstances	MoD		Mar 1966	Secret		536107	
Final report of local technical investigation into accident which occurred at RAE (A) on 17th June 1965	MoD		Mar 1966	Secret		536106	
Seaslug pre-firing simulation report GWS 2 practice firings, flight plan 262A	HSD (H)	R 1227	Sep 1968	Secret	7	536044	
Seaslug pre-firing simulation report flight plans for Group C of GWS 2 sea trials	HSD (H)	R 1226	Aug 1968	Secret	9	536039	
Seaslug pre-firing simulation report safety traces for Seaslug Mk 1 DLG practice firings AQM-37A target	HSD (H)	R 1231	Feb 1969	Secret	7	536128	
Seaslug Mk 2 post-firing simulation report R and D extension programme, round nos S2C46, S2C56	HSD (H)	R 2334	Jan 1969	Secret	16	536079	
The performance of Seaslug Mark 1	HSD (C)	R 36	Sep 1963	Secret	30		
Method of estimating approximate lethality, suitable for use in the Mk 2 Seaslug overall performance study	HSD (C)	R 38	Oct 1963	Secret	11	536160	
Estimate of the Goaling boost strap loads on missile PD2 (from film records) compared with test results	AWA	AER 18		Unc			
Report on trials B204 and CC306	AWA	PCR 13	Oct 1951	Secret		534231	
Design study on the use of aluminium honeycomb core for a new wing construction	AWA	R 28	Jun 1957	Secret	14	534252	
Seaslug Mk 1 lethality exercise	MoD/RAE(F)	LSW/837/03	Oct 1964	Secret		536148	
Technical requirement, sustainer motor for Seaslug Mk 2 - Deerhound	MoD/DGW	Prop 101	Mar 1966	Confidential		536278	
Seaslug Mk 2 missile sustainer motor, general design specification	HSD (C)		Mar 1965	Confidential	15		Issue 4
Comments on IMI letter ref ARP/KLD 79/15 on latest powder batches for Deerhound sustainer motor	HSD (H)	SS2/2	Feb 1975	Confidential			
Outline vibration testing of Seaslug Mk 2 round no S2D15	HSD (C)		Apr 1965	Confidential		534205	
Radar beam jitter simulator for GATAC based on a random pulse low frequency white noise generator	AWA	R 75	Dec 1958	Secret	31		
Seaslug Mk 2 - missile/ship inter equipment specification	MoD	DU/38/016	1963	Restricted			Issue 3
9 month storage test on a DP gas generator	AWA	DV 47	Feb 1959	Secret	8		
Summary report of Seaslug Mk 1 service firings 1962-1967	HSD (C)	H 1549		Unc	M	535806	Manuscript
Seaslug Mk II acceptance trials firing report, missile S2D18	MoD/RAE(A)	RN 7/D18	Jun 1965	Secret	4	536102	
Seaslug Mk II acceptance trials firing report, missile S2D17	MoD/RAE(A)	RN 7/D17	Aug 1965	Secret	4	536101	
Seaslug Mk II acceptance trials firing report, missile S2D16	MoD/RAE(A)	RN 7/D16	May 1965	Secret	4	536100	
Seaslug Mk II acceptance trials firing report, missile S2D12	MoD/RAE(A)	RN 7/D12	Apr 1965	Secret	4	536099	
Seaslug Mk II acceptance trials firing report, missile S2D11	MoD/RAE(A)	RN 7/11	Jan 1966	Secret	4	536098	
Seaslug Mk 2 missile support equipment (Whitley, Aberporth, WRE, Ernesettle)	WGA		May 1963	Secret	26	536203	
Some notes on boost arming heads for Seaslug prepared by IMI/SRS Kidderminster and RPE Westcott	MoD/RPE(W)	HSP/27/05	Nov 1965	Confidential		536201	
Comparison of the performances of Advanced Termer and Seaslug Mk II	AWA			Secret	1		
Mark 2 Seaslug ground tests in support of structural studies	HSD (C)		Aug 1964	Confidential	19	536206	ex AN22
An assessment of the development potentialities of the Seaslug system	AWA		Nov 1956	Secret	3	536195	
Project 502 missile development programme 1957/1958	AWA		Mar 1957	Secret		536196	
S2 Mk 1 calibration of shoe probes for SA83	AWA	LTN 203	Dec 1961	Unc		534274	
Amendment No 1 to Seaslug Mk 2 - continuation firings missile analysis report ship's trial nos GL56-7	BaeDG (H)	GW 83/054	Mar 1983	Confidential	9	536553	
Design study for E554 Retrigger boost motor	IMI(SRS)	DS 63/4	Jul 1983	Confidential	7	536278	
Ballistic data from static proof firings of E547 A1 Deerhound	IMI(SRS)	TN 64/12	Sep 1984	Confidential	21	536127	
Telemetry in Mark 2 acceptance rounds	WGA		Oct 1962	Secret	28	536205	
Mark 1 boost arming head design summary	WGA			Confidential	8	536199	
Proposed boost arming head for the Mark 1 Seaslug missile	AWA		Oct 1959	Secret		536198	
Preliminary account of investigations & evidence of the autopilot instability in PG type missiles	AWA		Sep 1958	Secret		535673	
Seaslug Mk II acceptance trials firing report, missile S2D20	MoD/RAE(A)	RN 7/D20	Aug 1965	Secret	4	536103	
Seaslug Mk II acceptance trials firing report, missile S2E3	MoD/RAE(A)	RN 7/E3	Mar 1966	Secret	4	536104	
Seaslug Mk II acceptance trials firing report, missile S2D1	MoD/RAE(A)	RN 7/01	Nov 1964	Secret	2	536091	
Technical requirement for the GW17 fuze depot and factory test equipments for the Seaslug Mk 2 missile	MoD/RARD	FBC/93/050	Jun 1964	Secret	23	536264	Issue 2

Technical requirement for the GW17 fuze for the Seaslug Mk 2 missile	MoD/RARD	FBC/93/02	Nov 1967	Secret	19	536283	Issue 4
502 Mk 2 thermocouple check test	WGA	LTN 182	Sep 1961	Unc		534273	
502 Mk 1 blast warhead band load	WGA	LTN 181	Dec 1961	Restricted		534272	
502/Mk 1 strength test on Mark 1 gas generator to Mark II loading	AWA	LTN 177	1981	Secret		534269	
Report of the working party on the low angle performance of Seaslug	MoD/GWIN	DU/39/015	May 1963	Secret		536162	
Project 502 strength requirements for design	AWA	ATR 1	Nov 1950	Secret		534357	Issue 2
Project 502 proposals concerning provision of gauges for missiles and rail systems for P(L) and P(S)	AWA	ATM 7	Jan 1955	Secret		534352	
Stress concentration on rear launcher shoe	AWA	ASR 13	Aug 1957	Unc		534355	
Pleated bag manufacture	AWA		Oct 1953	Secret		534277	
The measurement of control blade torque loads during the launching of P(S) missiles	AWA	E 14	May 1957	Secret		534329	
The development programme for the safety and arming assembly (electrical) for Seaslug Mk 2 (HE)	JLT		Nov 1963	Secret		536204	
Design study for inclusion of boost operated switches into safety and arming unit for Seaslug Mk 2 (HE) with IR fuze	IRL	GWP 4	Apr 1962	Confidential	15		
Design aim for safety and arming mechanism and safety and arming mechanism sub-assembly for Seaslug Mk 2	IRL	TP 1	Jan 1965	Confidential	13		Issue 4
Formal approval design test procedure for S&A mechanism, S&A mechanism sub-assemblies and mechanical sub units	IRL	TP 15	Nov 1965	Confidential	4		Issue 3-AL
Test procedure for production sample testing of safety & arming mechanism sub assemblies for Seaslug Mark 2	IRL	TP 29	Feb 1965	Confidential	7		
Seaslug Mk 2 S&A mechanism, report on effects of reduced thrust from Retriever boost motors after storage	IRL	TP 58		Confidential	2		
Approved instructions for joint MoD (Navy Dept)/MoA acceptance trials of Seaslug Mark 2	MoD/DGWIN		Jun 1964	Secret	72		
Development programme for safety and arming assembly (electrical) for Seaslug Mark 2 (HE)	JLT		Oct 1963	Secret	15		
Design aim for a safety and arming unit (electrical section) for Seaslug Mk 2 (HE)	JLT		Feb 1963	Secret	15		
Progress report on HE S&A unit for Seaslug Mk II for the 1st progress meeting	JLT		Jul 1961	Secret	12		
Seaslug design compendium, Parts II, III and IV	AWA	SDC3/A8	Oct 1960	Secret		536193	
Seaslug Mk 2 surveillance programme GW17 fuzes ex missile S2E190 and S2E89	EMIE	DMP 4399	Apr 1974	Restricted	14		
Development and qualification of E578 Deerhound Mk II	IMI(SRS)	TN 76/15	Mar 1978	Confidential	4		
Seaslug Mk 2 fuze derivation of the fuze target channel sensitivity tolerance structure	EMIE	DMP 3716	Jan 1972	Secret	7		
GW17 proximity fuze type SW42 for Seaslug Mk 2 certificate of design (Parts 2 to 5)	EMIE	DMP 3758	Dec 1971	Secret	16		
Seaslug Mk II surveillance report (interim) (units from missiles S2E96 and S2E99)	MSDS (P)	PDS/SS2/	1971	Restricted			
The effects of RF attenuation due to cabling on the performance of Seaslug Mk 2	HSD (C)	R 213	Nov 1965	Secret	17		
Seaslug ISS 1982/83, quarterly return of costs quarter ending 31 12 82	MoD	NCW121/1125		Unc			
Change list no 10 to specification no MTE2/1039	GEC AEI (P)	MTE2/1039	Sep 1970	Secret	19		
Change list no 14 to specification no MTE2/1039	GEC AEI (P)	MTE2/1039	Jun 1972	Secret	19		
Change list no 11 to specification no MTE2/1039	GEC AEI (P)	MTE2/1039	Apr 1971	Secret	19		
Change list no 9 to specification no MTE2/1039	GEC AEI (P)	MTE2/1039	Dec 1969	Secret	18		

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Photographs of boost installation on S2C21 and laboratory test equipment at Whitley	HSD (C)			Unc			
Sorted photographs of Seaslug including S2C18 on trolley and test equipment	HSD (C)			Unc			
Proposals for the inclusion of gravity and weight in Stage 3B of simulation of Seaslug on GATAC	AWA	R 19	Jan 1958	Secret	18		
Note on antisymmetric flutter in the region of 40 cps recently experienced on Seaslug	AWA	R 21	Jul 1958	Secret	18		
Boost tubes for Seaslug Mk II	AWA	R 22	Sep 1958	Secret			
GATAC run specification	AWA	R 23	Dec 1958	Secret			
An investigation of the effects of using pivoting nose-cones on the boost heads of Project 502 Mark II	AWA	R 38	Jun 1959	Secret	8		
Pegasus programme for Stage IV of the simulation of Seaslug on GATAC using a simplified missile transfer function	AWA	R 47	Aug 1959	Secret	13		Part 1
An extended guidance efficiency programme	AWA	R 58	Dec 1960	Unc	9		
Phasing error correction for the Pegasus 3D beam riding programme	AWA	R 58	Feb 1961	Secret	9		
Static checks for the SF aerodynamics as simulated on GATAC	AWA	R 57	May 1960	Secret	8		
A comparison of the aerodynamic properties of the Convair Ternier and the AWA Seaslug ship-to-air missiles	AWA	R 46	Apr 1959	Secret	9		
Phase II autopilot responses	AWA	R 53	Oct 1959	Secret	7		
A comparison of the simulation of Seaslug as performed on SAM with that on GATAC	AWA	R 55	Nov 1959	Secret	10		
Project 502 ship to air medium-range guided missile, lecture notes	AWA			Secret	29		
Project 502 recovery report round no S2A20	HSD (A)		Aug 1963	Secret	12		
Project 502 recovery report, round no S2A19	HSD (A)		Mar 1963	Secret	15		
Project 502 recovery report, round no S2A18	HSD (A)		Oct 1962	Secret	13		
The digital simulation of the Seaslug system at low angle	WGA	R 157	Nov 1962	Secret	4		
Dynamic tests on missile S2A1/1	WGA	EV 105	Aug 1962	Confidential	4	534473	
Acceptance tests on packaged cableforms for Seaslug Mk 1	WGA	EV 104	Sep 1962	Confidential	5	534468	
Vibration tests on a thin shell case bonded Deerhound sustainer motor	WGA	EV 103	Aug 1962	Confidential	13	534471	
Seaslug design compendium, Part 1, Section 1 to 6	AWA	SDC3/	Feb 1959	Secret			Issue 3
Environmental acceptance testing of a Seaslug Mk 2 package, control surfaces container D6700, serial no S4/NM/1154	HSD (C)	D 35	Feb 1964	Confidential	10		
Kinetic heating effects on future versions of Seaslug	AWA	R 38	Jan 1959	Secret			
Functional tests on the IPN gas generator as requested by OB Proc GP194	AWA	DV 43	Dec 1957	Secret			
Aerodynamic heating effects on Phase II Seaslug	AWA	R 14	Aug 1957	Secret	4		
Routine vibration life testing of PP12	AWA	EV 27	Aug 1959	Secret	7	534497	
Acceptance tests on telemetry bay container	WGA	EV 92	Jul 1962	Confidential	7	534503	
Observations at RNAD Kalafrana South (Malta) and during sea transportation	WGA	EV 99	May 1962	Confidential	23	534476	
Mk 1 boost flowring tests	AWA	EV 68	Mar 1961	Confidential	3	534493	
Acceptance test on capacitor block assembly	WGA	EV 93	Jun 1962	Confidential	6	534504	
Seaslug missile Mk 1 static finng trials	WGA	EV 91	Feb 1962	Confidential	28	534494	
Seaslug flight vibration measurements on rounds SA73, 74, 75, 76, 88 52	WGA	EV 84	Nov 1961	Confidential	22	534478	
Test MC13, dynamic tests on an integral wing	WGA	EV 98	Jun 1962	Unc		534477	
Environmental testing of repeatable S&A (Mechanical) unit	HSD (C)	EV 139	Nov 1963	Confidential		534472	
Flight vibration test levels for the beacon of the Seaslug Mk 2 missile	HSD (C)	EV 134	Oct 1963	Confidential		534475	
Mk 2 boost flowring tests	WGA	EV 107	Jul 1962	Confidential	9	534474	
Naval launcher electrical gauge, general description and servicing	AWA		Apr 1959	Secret	20	536299	
Investigation into the dynamic properties of the Mark 1 Seaslug structure	AWA	EV 48	May 1960	Secret	8	536070	
Functional proof and ultimate tests 502/MTV/Cold, Sperry control ring casting	AWA	RTR 27	1952	Unc		536284	
Vibration test on GMK 59A2 Retriever boost desiccator installation	Cape Eng	432/TD/71	Sep 1971	Confidential	4		
Seaslug Mk 2 Safety and Arming Unit: launcher cooling characteristics in the presence of wind	HSD (H)	GW 68/119	Dec 1968	Secret	10	536061	
502 P(S) SU-W/M gas generator development diary	AWA		1956	Secret		536194	
Flight vibration measurements on PG21 PG22 PG23 PG25, PG27, PG77, PG80 and SC6	AWA	EV 55	Nov 1960	Secret	22	534511	
502 Mk 2 stressing cases	WGA		Nov 1961	Secret	9	536202	

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Dynamic and static simulation of release of Gosling RVJ boost variants from Seaslug Mk II missile at M=1.91	WGA	ARL 62/1	Jan 1962	Secret	4		
Environmental handbook (of Seaslug weapon system)	AWA		Nov 1960	Secret	29	536298	
Preliminary report on progress of simulation on Pegasus digital computer of autopilot and beam loops of 502/P(S)	AWA	R 19	Feb 1957	Secret	21	534303	
SF investigations on GATAC, the effect of variable g-limits on performance of the SF and Mk 2 missiles	WGA	R 155	Apr 1962	Secret	6		
The 502 guidance system	AWA	ATM 7		Secret		536271	
A study of a boost phase roll control system for 502/P(S)	AWA	R 25	May 1957	Secret	22	536267	
Development of a system to vent the Foxhound sustainer motor during flight	AWA	D 20	Dec 1960	Confidential	13		
Investigation of accident to SD55 in X3 container	AWA	D 19	Oct 1960	Secret	28		
Mk 2 Sperry pump efficiency tests	WGA	DV 151	Jan 1963	Unc	6		
Examination of gas generators 6122 and 6019 after storage trials in missiles SD21 and SD18 respectively	WGA	DV 143	1961	Unc	8		
Handling instructions for Dearhound 'candle flame' extinguisher	WGA	DV 153	Feb 1963	Unc	1		
An interim report on areas of corrosion discovered on light alloy components of TP1A gas generators	HSD (C)	DV 203		Confidential	3		
Rotation of rear attachment pins on S2A rounds	HSD (C)	D2/57	Jul 1963	Secret	12		
Performance of the IRGO valve Type B on the first six flight trials with Gosling series IVH boost motors	HSD (C)	D2/55	Jul 1963	Secret	7		
Integral wings, summary of recovery evidence	WGA	D2/53	Feb 1963	Secret	13		
A comparison of three schemes for increasing boost phase stability	WGA	D2/38	Aug 1962	Confidential	10		
Bend strength of Seaslug Mk 2 guidance compartment, S2C3-18 inclusive	WGA	D2/45	Dec 1962	Confidential	14		
Investigation into differences in response to g-pulse of boost phase simulation (R43) and boost phase trajectory simulation	AWA	R 29	Feb 1959	Secret	9		
Storage tests on a TP1A gas generator lubricated with Emralon	WGA	DV 126	Dec 1961	Unc	5		
Determination of coolant ullage volume for the TP2 IPN gas generator	WGA	DV 128	Feb 1962	Unc	5		
An investigation into an explosion inside the high pressure IPN unit atomiser body	WGA	DV 138	Jul 1962	Unc	8		
Environmental tests on the Mk 1 igniter for the TP1A gas generator	AWA	DV 46	Jan 1959	Secret			
Examination report on DP cordite gas generator PSPU 109 out of storage round PH2	AWA	DV 48	Feb 1959	Secret	11		
Examination report on DP cordite gas generator PSPU 131 out of round PP12	AWA	DV 49	Feb 1959	Secret	12		
Tests on TP1A control valve springs	WGA	DV 136	Jun 1962	Unc	9		
Tests on a 1/20th scale model of a Gosling IV series J boost motor in the WGA continuous supersonic tunnel at M=1.91	WGA	ARL 62/5	May 1962	Secret	3		
Index of tests made on Seaslug Mk 2 equipment	HSD (C)	BG 4401	May 1966	Secret	4		Issue 4
Schedule of interchangeability, Seaslug Mk 2	WGA		Nov 1961	Confidential	21		Draft
Preliminary environmental test specification, Seaslug Mk II, Part 1, complete missile	AWA		Apr 1960	Secret	38		
Index of tests made on Seaslug Mk 2 packages	HSD (C)	BG 4403	Jul 1965	Secret	4		Issue 3
Project 502 recovery report, round no S2A17	HSD (A)		Nov 1962	Secret	12		
Project 502 recovery report, round no S2A16	HSD (A)		Sep 1962	Secret	13		
Project 502 recovery report, round no S2A15	HSD (A)		Aug 1962	Secret	13		
Some notes on the design of a land based zero length launcher for seaslug	AWA	R 17	Dec 1956	Secret	20		
Compatibility required with Seaslug support equipment, as supplied by WGA & other design authorities	WGA	D 39	Aug 1962	Secret	9		Draft
S2C build conditions	HSD (C)	D 37	Aug 1963	Secret	36		Issue 3
Project 502 recovery report, round no S2C8	HSD (A)	SRR 1040	Nov 1963	Secret	13		
Project 502 recovery report, round no S2C4	HSD (A)		Jun 1963	Secret	12		
Project 502 recovery report, round no S2A24	HSD (A)		Apr 1963	Secret	13		
Naval weapon systems - Seaslug (1st two pages of an article from a magazine)							Unc
Discussion paper associated with the Chilean purchase of HMS Norfolk and possible support leading to sale of LWSD	BAeDG (B)	TNW/SS/1021	Nov 1981	Comp Conf			
Supplementary BAeDG proposals associated with MoD(N) support for Seaslug/GWS2 in HMS Norfolk as a Chilean ship	BAeDG (B)	TNW/SS/1022	Nov 1981	Restricted			
BAeDG proposal for a study into overall support of Seaslug missile for Chilean Navy and subsequent implementation	BAeDG (B)	TNW/SS/1022	May 1982	C-in-C Restr	15		
Safety traces associated with the initial sea trials of the Seaslug Mk 1 target	BAeDG (H)	RB/79/111/90	Jun 1979	Restricted	24		
High seas firing and Seaslug Mk 1 target trial - draft specifications	MoD/CinCF	4622/61 W	May 1979	Restricted			
A Seaslug Mk 1 target for interception by Seaslug Mk 2	BAeDG (H)	RB/79/108/90	Apr 1979	Restricted	25		
Computer print out (manuscript annotations) Seaslug Mk 2 unit details	BAeDG (B)			Unc			
Seaslug Mk 2 programmes	HSD (C)	GW(N) 100	May 1966	Secret	94		

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Status of projects quarterly report July-September 1974	IMI(SRS)		Jul 1974	Confidential			
Aerodynamic forces & moments on Seaslug Mk 2 dart induced by presence of separating boost motors	HSD (H)	GW 71/110	1971	Confidential	13		Part II
Forces & moments on Seaslug Mk 2 dart due to effects of efflux from boost motor during flowering sequence	HSD (H)	GW 71/209	Oct 1971	Confidential	16		
Summary report of Seaslug Mark 2 trials, November 1964 to May 1966, volume 2	HSD (H)	GW 70/092	1970	Secret	24		Draft
Seaslug Mark 2 separation improvement programme, final report on aerodynamic studies	HSD (H)	GW 72/071	May 1973	Confidential	10		
Technique for synthesising Seaslug Mk 2 rolling moment induced by presence of separating boost motors from	HSD (H)	GW 71/291	Jan 1972	Confidential	11		
Forces & moments on Seaslug Mk 2 dart due to effects of efflux from boost motor during flowering sequence	HSD (H)	GW 71/288	Mar 1972	Confidential	11		
A proposal for a replacement fuze for the Seaslug Mk 2 missile	HSD (H)	GW 084/71	Dec 1971	Secret	25		
Seaslug boost release system, report following 4 motor boost firing carried out at IMI on 23rd September 1971	HSD (H)	GW 72/115	1972	Confidential			
Seaslug Mk 2 Get Well (Part A) programme, trials analysis report round no. S2A503	HSD (H)	GW 73/248	Dec 1973	Secret	17		
Preliminary assessment trials of the aluminium/Meinex sealed version of the Seaslug K31A1 igniter	MoD/PERM	PR 4	Nov 1980	Restricted		535800	
Seaslug Mk II K31A1 igniter - Ordnance Board trials assessment of firing results	MoD/PERM	PR 43	Oct 1982	Restricted		535973	
The vulnerability of Seaslug Mk 2 assessed by the controlled firings of 1/8th oz steel fragments	HSD (H)	GW 88/025	Jan 1969	Secret	12	536062	
Seaslug Mk 1 proposals for fuze re-optimisation and performance study	HSD (H)	GW 067/69	Jan 1970	Secret	18		
Seaslug Mk 2 Get Well (Part A) programme trials analysis report, round no. S2A506	HSD (H)	GW 73/441	Oct 1973	Secret	17		
Seaslug Mk 2 surveillance exercise 1971-1973, conclusions and recommendations S2E60 S2E96 S2E99 S2E179	HSD (H)	GW 73/282	Jul 1973	Confidential	45		
Overall summary and conclusions for the Seaslug Mk 2 performance study	HSD (C)	R 72	Feb 1967	Secret	8		Draft
Investigation into S&A sub-unit performance under reduced acceleration conditions due to extended burning times	IRL	TP 60	May 1967	Secret	17		
The vulnerability of Seaslug Mk 2 assessed by controlled firings of 1/16th oz steel fragments	HSD (H)	GW 88/028	Nov 1968	Secret	12	536187	
The performance of Seaslug Mk 2 (SW42 IR fuze and RC fuze) against break off manoeuvring targets	HSD (H)	GW 89/005	1969	Secret	19	536119	
Report on Seaslug Mk 2 surveillance control equipments S2E71, 72, 29 and 145	Sperry	TR 451	Feb 1974	Restricted			
Seaslug Mk 2 surveillance report (interim) (ex missiles S2E50, S2E80)	MSDS (P)	PDS/SS2/062	Jul 1976	Restricted			
Preliminary analysis of flight data obtained from strain gauge system installed on Seaslug Mk 2 round S2A505	HSD (H)	GW 72/257	Oct 1972	Confidential	29		
Seaslug Mk 2, feasibility study for a replacement fuze, end phase geometric data	HSD (H)	GW 70/068	Jun 1970	Secret	14		
Forces & moments on Seaslug Mk 2 dart due to effects of efflux from boost motor during flowering sequence	HSD (H)	GW 71/253	Dec 1971	Confidential	14		
Seaslug gas generator, proving trials of modified igniter cartridge GMK31A1 to requirement OB Proc GM184	HSD (H)	GW 74/256	1974	Restricted	14		
A logistic model for Seaslug Mark 2	HSD (H)	GW 74/004	Jan 1974	Confidential	14		
Seaslug Mark 2 a suggested firing policy	HSD (H)	GW 73/181	Dec 1973	Secret	9		
Seaslug Mk 2 separation improvement programme structural studies report the dynamic response model	HSD (H)	GW 73/011	Jun 1973	Confidential	8		
A modified range law for Seaslug Mark 2	Sperry	TN 886	Nov 1982	Secret	8		
Control equipment switching in Seaslug Mk 2	Sperry	TN 876	Jan 1983	Secret	7		
Report on further solar radiation trial carried out on missile SC12	HSD (C)	EV 173	Mar 1965	Confidential	21		
Seaslug Mk 2 acceptance trials, final missile performance report, round no. S2E2	HSD (C)	H 3018	Mar 1967	Secret	3		
Seaslug Mk 2 acceptance trials, final missile performance report, round no. S2E1	HSD (C)	H 3018	Mar 1967	Secret	2		
Revision of the Seaslug Mk 2 performance study (SW42 IR fuze), section 1, part 3, small high speed aircraft	HSD (C)	R 113	Mar 1967	Secret	21	536164	
Logistic modelling of Seaslug Mk 2	HSD (H)	GW 71/282	Dec 1971	Secret	29		
Missile and trial specification for control round S2C803 associated with Seaslug Get Well programme, Part A	HSD (H)	GW 72/353	Oct 1972	Secret	20		
A modified range law for Seaslug Mark 2, supplement to TN 886	Sperry	TN 740	Feb 1964	Secret	6		
Seaslug development/cost plan in service support (ISS) 1983/1984	BAeDG (H)	PE 3043	Feb 1983	Restricted	24		
Reliability of break up systems fitted to Seaslug Mk 1 and Seaslug Mk 2	HSD (H)	GW 74/062	Feb 1974	Secret	19		RJ64 Iss5
Miscellaneous papers weight, stress, aeroelastic, aerodynamic memos and calculations	HSD/AWA		Various	Unc			

## Seaslug documentation - contents of Box 20

Document title	Publisher	Reference No	Date	Classification	Copy No	Registry no	Notes
Seaslug Mk 2, compendium of equations for simulation, volume 1, simulation of the LOSBR mode	HSD (H)	GW 73/012	1973	Secret			Volume 1
Seaslug Mk 2, compendium of equations for simulation, volume 2, trajectory studies model	HSD (H)	GW 73/012	Oct 1973	Secret	7		Volume 2
Seaslug Mk 2, compendium of equations for simulation, volume 3, simulation of the AA CASWTD mode	HSD (H)	GW 73/012	Nov 1974	Secret	6		Volume 3
Seaslug Mk 2, a handbook of check runs	HSD (H)	GW 74/180	Jul 1974	Secret	7		
CWS 2 flight plans	HSD (H)	GW 72/378	Mar 1973	Confidential	16		
Studies at AWA of the 'g' pulse phenomenon from April 1957 to January 1958	AWA	R 43	Jan 1958	Secret	65		
The simulation of Seaslug on GATAC Stage IIIa	AWA*	R 58	Nov 1958	Secret	33		*+EMIE/Sperry
Dynamic tests on missile S2A1/1	WGA	EV 542	Jul 1982	Confidential	5		
Vibration tests on a 15 swg steel shell Deerhound sustainer motor	HSD (C)	EV 138	Dec 1983	Confidential	14		
Mark 2 Seaslug - on the flight trials of the infra red fuze window	HSD (C)	R 180	Aug 1984	Secret	6		
The effects of certain parameters on beam riding performance of Seaslug Mk 2 in the CASWTD mode	GEC-AEL(S)	SLM 836	Mar 1984	Secret	22		
Seaslug Mk 2 gathering performance study, Part 3, variations in end-of-gathering velocity in CASWTD mode	GEC-AEL(S)	SLM 1269	Oct 1985	Secret	28		
Potential improvements in low angle performance of Seaslug by use of frequency jumping (prelim report)	GEC-AEL(S)	SLM 1544	Oct 1988	Secret	25		
Compendium of master curves relating to simulation of 901 radar signals on the Neptune computer	GEC-AEL(S)	SLM 286	Jul 1982	Secret	15		
Plot study of effects of changes in boost phase dispersion parameters on probability of gathering Seaslug Mk 2	GEC-AEL(S)	SLM 401	Oct 1982	Secret	15		
Variations in the end-of-gathering velocity of Seaslug Mark 2	GEC-AEL(S)	SLM 1024	Oct 1984	Secret	14		
The effects of flame attenuation on the command system of Seaslug Mark 2	GEC-AEL(S)	SLM 707	Oct 1983	Secret	17		
The effect of candling during the sustainer motor thrust decay period on the reception of commands	GEC-AEL(S)	SLM 1309	Jun 1988	Secret	21		
Report on control blades recovered from rounds SF3, SF9, SA85, SA87, SA77 and SA80	WGA	D2/39	Aug 1982	Unc			
A note on the examination of gas generator serial no P8038 on removal from SD34	AWA	DV 108	Jan 1981	Secret	9		
Note on results of series of trials carried out in order to examine the control characteristics of the TP1A gas gen	AWA	DV 107	Apr 1981	Secret	7		
Investigation into the gas generator failure in missile SD70	AWA	DV 111	Apr 1981	Secret	9		
Liquid pressure test to destruction on E3300 gas generator	AWA	DV 112	Apr 1981	Secret	9		
Investigation into the gas generator explosion in missile SD71	AWA	DV 113	Jun 1981	Secret	12		
Examination of gas generator from long term storage missiles SD18 & SD20	AWA	DV 115	Jul 1981	Secret	10		
Rupture tests on nose nut burster discs	AWA	DV 118	Jul 1981	Unc	6		
TP2 gas generator safety vent valve tests	AWA	DV 117	Jul 1981	Unc	8		
Variable gas demand unit tests (to simulate gas demand of a Mk 2 Sperry pump)	WGA	DV 118	Oct 1981	Unc	8		

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Document title	Publisher	Reference No	Date	Classification	Copy No	Registry No	Notes
Seaslug Mk 2, compendium of equations for simulation, volume 4 - simulation of the gathering phase	HSD (H)	GW 73/012	Mar 1976	Secret	11	540437	Vol 4, Iss 2
Instructions and maintenance for variable gas demand unit in Mk 2 rounds S2A9 to S2A14 inclusive	AWA	DV 119	Oct 1961	Unc	28		
T22 gas generator centrifuge tests	AWA	DV 121		Unc	9		
Investigation into carbon deposits found in gas inlet of turbo-alternator removed from SD83	WGA	DV 123	Nov 1961	Unc	1		
A note on the examination carried out on gas generator serial no 6117 from SD90	WGA	DV 124	Nov 1961	Unc	1		
Reliability tests carried out on the EU1A candle flame extinguisher HSD drawing D10540	HSD (C)	DV 193	Dec 1964	Confidential	3		
Report on two gas generators after two and a half years shipboard storage in missiles no SE2 and SE7	HSD (C)	DV 194	Jan 1965	Unc	1		
Report on four gas generators fitted with AM109 seals on completion of six months storage	HSD (C)	DV 195	Jan 1965	Unc	1		
Mk 2 Seaslug IPN gas generator trial programme for OB Proc GM189	HSD (C)	DV 196	Mar 1965	Unc	1		
Results of handling and packaging trials (TRN 143) on Seaslug IPN gas gen - balanced control valve calibration	HSD (C)	DV 197	May 1965	Confidential	1		
End strength of Seaslug Mk 2 guidance compartment S2C3-18 inclusive	WGA	D2/45	Dec 1962	Confidential	6		
Technical appraisal of 3 suggested schemes for Mk 2 Deerhound guidance compartment strength clearance	WGA	D2/46	Dec 1962	Confidential	7		
502/Mk 2 SW32 fuze windows heating test (preliminary results)	HSD (C)	TRN 189	Nov 1963	Confidential			
Seaslug rear body/motor body joint ring, detail tests (investigation of S2D3 failure)	HSD (C)	TDM 175	Feb 1966	Unc			
Spoiler ring assembly (drawing)	HSD (C)	E 5910	Jan 1965	Unc			
Wings for Seaslug Mark II (plus other memos on wings)	AWA			Confidential			
S2C aeroelastic ground tests	WGA	AN 18	Apr 1962	Confidential	7		
Further investigation of effects of changes of body torsional stiffness upon roll oscillation of 502 Mk 2 missile	WGA	AN 27	Apr 1963	Confidential	6		
Programme of dynamic test for missile S2A1	AWA		Jul 1961	Confidential	14		
502/Mk 1 stressing cases - section 2	AWA		Oct 1958	Secret			
Structural tests on Foxhound rocket motor case no WP101	IMI(SRS)	RMD/59/M	Aug 1954	Confidential	15		
Inspection report/buckling test of LW foxhound motor tube MF 1	IMI(SRS)	MHS 3A	Feb 1961	Unc			
Arrangement of 502/1, 502/PG and 502/PS on ARDE centrifuge to simulate free flight and normal launch cases	AWA	SOM 1015	Feb 1958	Unc			
Handling and testing of PG and Mk 1 missiles	AWA	SOM 1026	Jan 1958	Unc			
Stiffness and weight data for PG rounds	AWA	SOM 1022	Oct 1958	Unc			
Proposed new fin locks	WGA	SOM 2017	Sep 1962	Unc			
Critical loading conditions and recommendations for W-head and handling drum (Mk II missile)	AWA	SOM 2003	Jul 1960	Secret			
Flight plans for S2A missiles to investigate boost phase stability	WGA		Jul 1962	Unc			
1 & 3 tier warheads weights data (and other sheets on warheads)	AWA		Jul 1961	Unc			
Rounds S2A3-14 inclusive weights data	AWA		Jun 1961	Unc			
Seaslug Mk 1 break up trigger unit	HSD (H)	SS/1/01	Jan 1970	Restricted			
502 Mk 2 Seaslug spoiler rings for boost phase stability	WGA		Jul 1962	Unc			
Notes re investigation failure progress meeting on S2E121 (and S2D3?)	HSD (H)			Restricted			
Miscellaneous memos	AWA			Unc			
Wing data	AWA			Secret			
Investigation into the effects & consequences of fitting ballast to boost tubes	WGA	D2/36	May 1962	Confidential	13		
Appendix 1, summary of boost attachments	AWA		Mar 1960	Unc			
Seaslug Get Well programme - part A - telemetry channel allocation	HSD (H)		Dec 1970	Restricted			
Weights estimates for SA missiles	AWA		Jun 1959	Confidential			
Frequency content of jitter during extended tracking runs on radars Type 901M and GMY4(M)	HSD (H)	GW 71/038	Feb 1971	Confidential	19		
Missile and trial specification for the first four flight plans of the Seaslug Get Well programme - part A	HSD (H)	GW 71/162	Jun 1971	Secret	24		
Seaslug Mk 2 body joint tests	HSD (H)	GW 71/005	Jan 1971	Confidential	9		
Missile and trial specification for rounds S2A504 and S2C801 to be flown to investigate reaction of MSDS capacity fuze	HSD (H)	GW 71/321	Nov 1971	Secret	22		
An investigation of the aeroelastic properties of the 502 wing	AWA	R 49	Oct 1959	Secret	16		
Investigation into the failure of a Seaslug gas generator serial no L551 from round S2E111	HSD (H)	GW 72/013	Jan 1972	Restricted	8		
Warhead assembly rig for use at ROF - Burghfield	AWA		May 1961	Unc			
Assessment of materials for boost rings on Seaslug Mk 2	WGA	TDM 4	Nov 1962	Unc			
Seaslug Mk 2 boost attachment, a review of stress levels due to torque tightening of attachment bolts	BAeDG (H)	GW 78/334	1978	Restricted			
502 PG & Mk 1 - handling equipment for AWA flight trials - laboratory trolley for nose section	AWA	SM 099/6	Jun 1958	Unc			
A summary of some of the major structural tests carried out by the Mechanical Test Laboratory	AWA	D2/18	Feb 1960	Unc			

Summary of strength & stiffness tests carried out by Mechanical Test Laboratory on various types of Seaslug wings  
 Notes for the 6th Structures Panel Meeting to investigate Seaslug Mk 2 failures  
 Seaslug rear body panel and joint tests  
 Test specification sheets 1-4  
 Project 502/MTV/HOT Mk 1 strength test  
 Project 502/MTV/HOT Mk 1 strength test  
 Proving trials for inertia testing  
 Stiffness tests on 502/MTV/H. wing to supply data for calculating the flutter characteristics  
 Measurement of control blade loads in flight  
 Structural test on lightened centre housing for 502/Mk 1 motor body (D7810)  
 GA (drawing) of GWS 2 Launcher Electrical Gauge (simulator)  
 Weights and CG of Foxhound Q/12 charges  
 Max 1 type record progress chart, part I (SD missiles) and part II (handling and packaging equipment)  
 S 2 SD missile (weight and CG breakdown)  
 Miscellaneous memos & other notes and calculations  
 Revised missile performance data  
 Revised Seaslug Mk 2 high seas safety traces  
 Seaslug high seas safety traces: flight plans 522 and 525  
 Revised data for the ADA computer  
 Index of schedules, Seaslug Mk 2  
 Winding, assembly, impregnation & enveloping techniques for construction of coils, chokes, transformers, transducers  
 Specification for the production testing of transformers PB5400A, PB5410A, PB5405A and PB5188A  
 Assembly procedure for alternator rotor and stator stacks and varnishing of laminations  
 Specification for the vacuum impregnation and enveloping of alternator winding assemblies  
 Assembly instructions for turbo alternators  
 Assembly schedules (for turbo alternator?)  
 Filter assembly drawing  
 Rotor m/c assembly (alternator shaft) drawing  
 Stator assembly (main) drawing  
 Shaft assembly (main) drawing  
 Alternator assembly drawing  
 Terminal board 'C' assembly drawing  
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 Terminal board 'E' assembly drawing  
 Terminal board 'D' assembly drawing  
 Terminal board 'A' assembly drawing  
 Controller assembly drawing  
 Transformer assembly (volt) drawing  
 Dummy load assembly drawing  
 Chassis assembly (voltage) drawing  
 Bracket assembly (freq) drawing  
 Tag board assembly drawing  
 Bracket assembly drawing  
 Capacitor block assembly drawing  
 Field terminal block assembly (main) drawing  
 Field coil assembly - stator assembly, slave drawing  
 Field coil assembly - stator assembly, main drawing  
 Output coil m/c assembly - slave (alternator stator - slave) drawing  
 Rotor m/c assembly (alternator shaft) drawing  
 Output terminal block - main - drawing  
 Turbine wheel-shaft assembly drawing  
 Shaft assembly - slave - drawing  
 Coupling shaft assembly drawing

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AWA	D2/20	Aug 1960	Unc		
HSD (H)		Jun 1972	Restricted		
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AWA	TSS 1-4	Mar 1952	Unc		
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AWA	TSS 21	Mar 1954	Unc		
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AWA	TSS 44	Oct 1959	Unc		Issue 2
HSD (C)	E 6093		Unc		
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AWA		Jul 1959	Unc		
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AWA			Confidential		
Ferranti	T 152	Sep 1981	Secret	525596	
BAeDG (H)		Feb 1982	Confidential	6 525614	
BAeDG (H)		Mar 1981	Confidential	9 525595	
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HSD (H)	DHB 21	Jan 1967	Unc		
DHP	DHB 23		Unc		
HSD (H)	DHB 220B	Dec 1963	Unc		
DHP	DHB 226	Jun 1961	Unc		
HSD (H)	DHB 345	Sep 1963	Unc		
DHA			Unc		
DHA	100E202664	Nov 1964	Unc		
DHA	100E202656A	Oct 1960	Unc		
DHA	100E202655A	Jun 1958	Unc		
DHA	100E202654A	Aug 1960	Unc		
DHA	104E202527A	Jul 1960	Unc		
DHA	100E202522A	Dec 1963	Unc		
DHA	100E202521A	Dec 1963	Unc		
DHA	100E202243A	Nov 1960	Unc		
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DHA	100E201423A		Unc		
DHA	100E201411A		Unc		
HSD (H)	100E201405A	Jun 1972	Unc		
DHA	101E201183A	Nov 1960	Unc		
DHA	100E201173A	Nov 1960	Unc		
DHA	100E201172A	Nov 1960	Unc		
DHA	102E201113A	Apr 1961	Unc		
DHA	101E201077A	Jul 1960	Unc		
DHA	102E201074A	Oct 1960	Unc		
DHA	102E201065A	Sep 1960	Unc		
DHA	100E201064A	Dec 1960	Unc		102E201066
DHA	100E201056A	Oct 1960	Unc		
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DHA	100E201041	Aug 1960	Unc		
DHA	102E201035A	Jun 1959	Unc		
DHA	100E201031A	Jun 1960	Unc		



Motor assembly slave drawing  
Output coil m/c assembly (main) alternator stator (main) drawing  
Plate retention bearing drawing  
Bolt alignment - main - drawing  
Shaft - main - drawing  
Mk 2 warhead handling, various notes  
Various memos and notes on X3 container and SD55 failure  
Various drawings of missile, container and sling  
Missile weight data (SE and Gardiness missiles)  
X3 container documentation  
Page for missile transfer at sea (various papers)  
Comments on the impact test in relation to an X3 container carrying a Mk II missile  
PG missile restraint during igniter testing  
Supersonic WT tests comparison  
Seaslug Mk 2 practice firing trials analysis report, trial no NO08  
Amendments to Seaslug Mk 2 mathematical model (Compendium of equations, volume 1)  
Chile communications (various letters, memos, faxes)  
Chile papers etc (various papers, memos, letters)  
A proposal for Seaslug missile refurbishment for the Chilean Navy  
X02 Mk 2 GA of boosted missile and functional dimensions (agreed characteristics) (drawing)  
Aerodynamic problems of boosted missiles (lecture at College of Aeronautics)  
Seaslug story (magazine article)  
Seaslug (magazine article)  
The development of Seaslug (lecture to RAeS, Astronautics & guided flight section)  
County class destroyer HMS Devonshire, proposed modernisation  
Various missile ship and shore photographs, from the 1950's to the 1980's  
A G Perry's analysis notebook (notes on various analysis techniques for firings)  
Report on examination and firing of six TPIA gas generators (front page missing)  
Notes/memos on system  
Seaslug Mk 2 Get Well memos etc  
Memos and notes on missile  
Memos etc on handling trolleys and other support equipment  
Letters etc on support/refurbishment of missiles for Chile  
Letters etc on Seaslug support equipment for Chile  
Estimates etc on missile and equipment refurbishment for Chile  
Production testing of the Ikara arming circuit test unit  
Assembly and test of RN Ikara ABUS and flares on board ship

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DHA	100E201017	Jun 1960	Unc	
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AWA		Oct 1960	Unc	
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AWA	BSOM 20	Sep 1960	Unc	
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AWA			Unc	
HSD (H)	GW 73/207	1973	Secret	41
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WGA	E 4242	Mar 1983	Unc	
AWA	ATM 4	Jan 1953	Unc	
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RAaS		Dec 1981	Unc	
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AWA/HSD/M	SD	Various	Up to Secret	
AWA/HSD/B	la		Unc	
HSD (H)	SS/GG/1		Confidential	5
AWA/WGA		Various	Up to Secret	
HSD (H)		Various	Unc	
AWA/HSD		Various	Unc	
AWA/HSD		Various	Up to Secret	
BAaDG		1980's	Restricted	
BAaDG		1980's	Unc	
BAaDG +		1980's	Restricted	
HSD (H)	DHM 20562	Oct 1976	Restricted	
HSD (H)	DHM 20484	Sep 1973	Restricted	