

Grand Fleet 1st Division Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Queen Elizabeth

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:12	19,435	-1,444	1 AP		Lutzow
13:14	16,843	-1,332	1 AP		Lutzow
13:15	15,385	-1,357	1 AP		Lutzow
13:16	13,903	-1,412	3 AP		Lutzow
13:18	14,113	442	1 AP		Lutzow
13:19	17,398	373	4 AP		Konig
13:20	17,795	396	2 AP		Konig
13:21	18,215	420	2 AP	1 hit	Konig
13:22	18,155	-60	4 AP rapid		Konig
13:23	18,100	-38	2 AP		Konig
13:24	18,026	-75	2 AP		Konig
13:25	18,241	-301	2 AP		Konig
13:26	17,923	-317	3 AP		Konig
13:27	17,641	-282	4 AP		Konig
13:28	17,368	-272	3 AP		Konig
13:29	17,088	-279	5 AP		Konig
13:30	16,756	-331	4 AP		Konig
13:31	16,268	-766	1 AP		Konig
13:32	16,244	-320	2 AP		Konig
13:33	15,924	-318	1 AP		Konig
13:34	15,570	-336	3 AP		Konig
13:35	15,234	-336	2 AP		Konig
13:36	14,898	-336	3 AP		Konig
13:37	14,419	-478	3 AP		Konig
13:38	13,949	-468	2 AP		Konig
13:39	13,498	-450	9 AP rapid	1 hit	Konig
13:40	13,057	-439	4 AP rapid		Konig
13:41	12,620	-436	5 AP rapid		Konig
13:42	12,482	86	9 AP rapid		Konig
13:43	12,568	81	7 AP		Konig
13:44	12,654	83	7 AP		Konig
13:45	12,744	86	7 AP	2 hits	Konig
13:46	12,835	88	8 AP rapid		Konig
13:47	13,178	343	6 AP		Konig
13:48	13,521	328	5 AP		Konig
13:49	13,849	328	4 AP		Konig
13:50	14,192	344	4 AP		Konig
13:51	14,536	344	8 AP		Konig
13:52	15,009	473	5 AP		Konig
13:53	15,504	495	3 AP		Konig
13:54	16,010	507	4 AP		Konig
13:55	16,517	507	3 AP		Konig
13:56	17,025	508	2 AP		Konig
13:57	16,774	-626	1 AP		Konig
13:58	16,220	-489	2 AP		Konig
13:59	15,724	-518	2 AP		Konig
14:00	15,111	-540	4 AP		Konig
14:01	14,491	-569	1 AP		Konig
14:02	13,874	-592	1 AP		Konig
14:04	12,697	-585	5 AP	1 hit	Konig
14:05	12,114	-581	4 AP		Konig
14:06	11,535	-577	4 AP	1 hit	Konig
14:07	11,084	-445	2 AP	1 hit	Konig
14:08	10,640	-437	2 AP		Konig
14:09	10,253	-381	2 AP		Konig
14:10	9,891	-356	2 AP		Konig
14:11	9,611	-30	6 AP	1 hit	Konig
14:12	9,782	-172	6 AP		Konig
14:13	9,592	-190	4 AP		Konig
14:14	9,363	-208	5 AP	1 hit	Konig

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14:15	9,156	-207	5 AP rapid	Konig
14:17	9,428	-240	2 AP	Konig
14:18	9,159	-265	4 AP	Konig
14:19	8,882	-273	3 AP	Konig
14:20	7,981	-901	3 AP	Konig
14:21	7,664	-336	5 AP	Konig
14:22	7,373	-291	7 AP	Konig
14:23	7,082	-291	6 AP	Konig
14:24	6,793	-289	6 AP	3 hits Konig
14:25	6,505	-287	7 AP	Konig
14:26	6,219	-286	6 AP	1 hit Konig
14:27	5,937	-281	6 AP	2 hits Konig
14:28	5,710	-225	6 AP	1 hit Konig
14:29	5,487	-221	5 AP	Konig
14:30	5,263	-223	6 AP	Konig
14:31	5,035	-227	5 AP	1 hit Konig
14:32	4,661	-373	6 AP	Konig
14:33	3,950	-710	2 AP rapid	Konig
14:34	3,598	-350	1 AP rapid	Konig
14:38	2,971	-100	1 AP rapid	Konig
Total			306 shells	17 hits

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Gunnery log for Barham

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:13	18,698	-1,306	1 AP		Lutzow
13:14	17,329	-1,334	1 AP		Lutzow
13:15	15,868	-1,360	1 AP		Lutzow
13:16	14,383	-1,416	2 AP		Lutzow
13:17	13,477	-896	1 AP		Lutzow
13:18	13,768	276	1 AP		Lutzow
13:19	14,243	453	8 AP		Lutzow
13:20	14,727	485	5 AP		Lutzow
13:21	15,243	516	6 AP		Lutzow
13:22	15,350	107	4 AP		Lutzow
13:23	15,498	42	6 AP		Lutzow
13:24	15,526	12	5 AP		Lutzow
13:25	15,754	274	5 AP		Lutzow
13:26	15,788	-215	3 AP		Lutzow
13:27	15,426	-356	4 AP		Lutzow
13:28	15,200	-226	4 AP		Lutzow
13:29	14,997	-203	2 AP		Lutzow
13:30	14,801	-263	3 AP		Lutzow
13:31	14,715	-691	2 AP		Lutzow
13:32	14,826	-175	2 AP		Lutzow
13:33	14,660	-189	3 AP		Lutzow
13:34	14,441	-198	2 AP		Lutzow
13:35	14,253	-187	5 AP		Lutzow
13:36	14,078	-173	5 AP		Lutzow
13:37	13,875	-202	5 AP		Lutzow
13:38	13,529	-310	2 AP		Lutzow
13:39	13,215	-301	4 AP		Lutzow
13:40	13,405	-442	4 AP		Grosser Kurfurst
13:41	12,965	-438	4 AP		Grosser Kurfurst
13:42	12,554	-409	4 AP		Grosser Kurfurst
13:43	12,498	86	6 AP		Grosser Kurfurst
13:44	12,584	81	3 AP		Grosser Kurfurst
13:45	12,677	94	3 AP	1 hit	Grosser Kurfurst
13:46	12,763	86	8 AP rapid		Grosser Kurfurst
13:47	12,854	88	7 AP rapid	1 hit	Grosser Kurfurst
13:48	13,250	343	7 AP rapid		Grosser Kurfurst
13:49	13,809	325	1 AP		Konig
13:50	14,150	341	7 AP		Konig
13:51	14,492	342	5 AP		Konig
13:52	14,836	345	6 AP		Konig
13:53	15,344	493	5 AP		Konig
13:54	15,848	504	4 AP	1 hit	Konig
13:55	16,352	505	7 AP rapid		Konig
13:56	16,857	505	3 AP		Konig
13:57	16,932	75	3 AP		Konig
13:58	16,579	-582	1 AP		Konig
13:59	16,089	-489	4 AP	1 hit	Konig
14:00	15,584	-504	3 AP rapid		Konig
14:01	15,045	-537	1 AP		Konig
14:02	14,484	-558	3 AP		Konig
14:03	13,750	-591	3 AP		Grosser Kurfurst
14:04	13,160	-588	4 AP		Grosser Kurfurst
14:05	12,574	-584	4 AP		Grosser Kurfurst
14:06	11,992	-580	4 AP		Grosser Kurfurst
14:07	11,387	-602	4 AP		Grosser Kurfurst
14:08	10,965	-448	2 AP		Grosser Kurfurst
14:09	10,558	-391	2 AP		Grosser Kurfurst
14:10	10,176	-366	2 AP		Grosser Kurfurst
14:11	9,783	-414	2 AP		Grosser Kurfurst
14:12	9,753	-380	2 AP		Grosser Kurfurst

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14:13	9,757	-191	4 AP	1 hit	Grosser Kurfurst
14:14	9,528	-151	6 AP rapid		Grosser Kurfurst
14:15	9,359	-168	3 AP		Grosser Kurfurst
14:16	9,172	-186	5 AP		Grosser Kurfurst
		Total	238 shells	5 hits	

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Gunnery log for Valiant

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:13	19,679	-1,407	1 AP		Derfflinger
13:15	16,972	-1,332	1 AP		Derfflinger
13:16	15,578	-1,391	1 AP		Derfflinger
13:18	13,406	-846	1 AP		Derfflinger
13:19	16,712	197	4 AP		Grosser Kurfurst
13:20	17,108	396	3 AP		Grosser Kurfurst
13:21	17,527	398	4 AP		Grosser Kurfurst
13:22	17,768	241	3 AP		Grosser Kurfurst
13:23	17,940	23	3 AP		Grosser Kurfurst
13:24	17,937	-77	3 AP		Grosser Kurfurst
13:25	18,131	247	1 AP		Grosser Kurfurst
13:26	18,188	-319	1 AP		Grosser Kurfurst
13:27	17,529	-427	1 AP		Konig
13:28	17,199	-330	2 AP		Konig
13:29	16,884	-315	3 AP		Konig
13:30	16,620	-341	3 AP		Konig
13:33	16,453	-317	1 AP		Grosser Kurfurst
13:34	16,100	-282	4 AP		Grosser Kurfurst
13:35	15,809	-291	4 AP		Grosser Kurfurst
13:36	15,493	-316	3 AP		Grosser Kurfurst
13:37	15,123	-370	4 AP	1 hit	Grosser Kurfurst
13:38	14,661	-466	4 AP rapid		Grosser Kurfurst
13:39	14,188	-448	5 AP rapid		Grosser Kurfurst
13:40	13,774	-436	4 AP		Grosser Kurfurst
13:41	13,340	-433	2 AP		Grosser Kurfurst
13:42	12,989	-394	1 AP		Konig
13:43	12,599	-388	2 AP		Konig
13:44	12,619	88	2 AP		Konig
13:45	12,707	88	4 AP		Konig
13:46	12,796	89	7 AP	1 hit	Konig
13:47	13,131	335	8 AP rapid		Konig
13:48	13,477	328	5 AP		Konig
13:49	13,788	321	5 AP	2 hits	Konig
13:50	14,126	338	7 AP rapid		Konig
13:51	14,222	341	5 AP		Grosser Kurfurst
13:52	14,566	344	4 AP		Grosser Kurfurst
13:53	14,963	493	4 AP		Grosser Kurfurst
13:54	15,466	504	3 AP		Grosser Kurfurst
13:55	15,970	504	3 AP		Grosser Kurfurst
13:56	16,475	505	3 AP		Grosser Kurfurst
13:57	16,970	495	3 AP		Grosser Kurfurst
13:58	16,945	64	2 AP		Grosser Kurfurst
13:59	16,558	-508	1 AP		Grosser Kurfurst
14:00	15,946	-440	1 AP		Grosser Kurfurst
14:01	15,474	-470	4 AP	1 hit	Grosser Kurfurst
14:02	14,997	-479	4 AP rapid		Grosser Kurfurst
14:03	14,584	-510	1 AP		Markgraf
14:04	14,034	-534	4 AP		Markgraf
14:05	13,476	-555	5 AP		Markgraf
14:06	12,451	-584	4 AP		Markgraf
14:07	11,844	-606	4 AP	1 hit	Markgraf
14:08	11,201	-687	2 AP		Markgraf
14:09	10,870	-401	3 AP		Markgraf
14:10	10,468	-375	2 AP		Markgraf
14:11	10,481	-357	2 AP		Konig
14:12	10,360	-413	2 AP		Konig
14:13	10,257	-374	2 AP		Konig
14:14	9,983	-200	4 AP		Konig
14:15	9,784	-110	7 AP	2 hits	Konig
14:16	9,611	-130	3 AP rapid		Konig

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14:17	9,360	-115	4 AP		Konig
14:18	9,338	-19	7 AP		Konig
14:19	9,275	-60	8 AP	1 hit	Konig
14:20	8,523	-752	7 AP		Konig
14:21	8,369	-199	7 AP		Konig
14:22	8,143	-225	7 AP		Konig
14:23	7,905	-238	8 AP		Konig
14:24	7,645	-259	7 AP		Konig
14:25	7,372	-272	6 AP		Konig
14:26	7,070	-301	7 AP		Konig
14:27	6,793	-200	8 AP	1 hit	Konig
14:28	6,552	-68	5 AP		Konig
14:29	6,504	-44	7 AP		Konig
14:30	6,420	-82	8 AP		Konig
14:31	6,295	-124	4 AP	1 hit	Konig
14:32	6,010	-283	5 AP		Konig
14:33	8,415	8	1 AP		Lutzow
14:34	8,392	-23	1 AP		Lutzow
14:35	8,334	-58	1 AP		Lutzow
14:36	4,418	-285	5 AP	1 hit	Konig
14:37	4,299	-39	7 AP	1 hit	Konig
14:38	4,358	197	7 AP	1 hit	Konig
14:39	4,595	290	7 AP	2 hits	Konig
14:40	4,894	345	6 AP		Konig
14:41	5,280	423	7 AP	1 hit	Konig
14:42	5,395	116	4 AP rapid		Konig
14:43	5,512	78	3 AP rapid		Konig
14:44	5,586	78	4 AP rapid		Konig
14:45	5,659	77	3 AP rapid		Konig
		Total	350 shells	17 hits	

Grand Fleet 1st Division Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Warspite

Local Time	Range Yards	Range Rate	Shells Fired		Result	Target
13:14	18,303	-1,338	1 AP			Lutzow
13:15	16,837	-1,365	1 AP			Lutzow
13:16	15,346	-1,422	1 AP			Lutzow
13:18	13,874	-629	1 AP			Lutzow
13:19	16,359	126	4 AP			Markgraf
13:20	16,755	396	4 AP			Markgraf
13:21	17,174	397	5 AP			Markgraf
13:22	17,571	398	3 AP			Markgraf
13:23	17,901	80	3 AP			Markgraf
13:24	18,009	-77	3 AP			Markgraf
13:25	18,242	289	1 AP			Markgraf
13:26	18,441	-319	2 AP			Markgraf
13:28	17,490	-380	1 AP			Grosser Kurfurst
13:29	17,150	-340	3 AP			Grosser Kurfurst
13:30	16,835	-315	4 AP			Grosser Kurfurst
13:31	16,492	-342	5 AP		1 hit	Grosser Kurfurst
13:32	16,154	-337	8 AP	rapid		Grosser Kurfurst
13:34	16,374	-298	5 AP			Grosser Kurfurst
13:35	16,058	-315	5 AP			Grosser Kurfurst
13:36	15,708	-333	6 AP			Grosser Kurfurst
13:37	15,357	-351	5 AP			Grosser Kurfurst
13:38	15,009	-349	5 AP			Grosser Kurfurst
13:39	14,549	-444	4 AP			Grosser Kurfurst
13:41	13,682	-436	3 AP			Markgraf
13:42	13,322	-397	2 AP			Grosser Kurfurst
13:43	12,928	-392	5 AP			Grosser Kurfurst
13:44	12,511	-414	4 AP			Grosser Kurfurst
13:45	12,637	88	5 AP			Grosser Kurfurst
13:46	12,726	88	4 AP			Grosser Kurfurst
13:47	12,814	88	4 AP		1 hit	Grosser Kurfurst
13:48	13,212	346	4 AP			Grosser Kurfurst
13:49	13,522	320	3 AP			Grosser Kurfurst
13:50	13,833	312	2 AP			Grosser Kurfurst
13:51	14,198	338	3 AP			Grosser Kurfurst
13:52	14,538	341	3 AP			Grosser Kurfurst
13:53	14,879	341	3 AP			Grosser Kurfurst
13:54	15,319	500	2 AP			Grosser Kurfurst
13:55	15,820	501	3 AP			Grosser Kurfurst
13:56	16,322	502	1 AP			Grosser Kurfurst
13:57	16,814	493	2 AP			Grosser Kurfurst
13:58	16,790	64	1 AP			Grosser Kurfurst
13:59	16,851	67	1 AP			Grosser Kurfurst
14:00	16,317	-534	1 AP			Grosser Kurfurst
14:01	15,699	-466	1 AP			Grosser Kurfurst
14:02	15,226	-475	2 AP			Grosser Kurfurst
14:03	14,905	-514	2 AP			Kronprinz
14:04	14,346	-540	2 AP			Kronprinz
14:05	13,784	-561	2 AP			Kronprinz
14:06	12,913	-586	2 AP			Kronprinz
14:07	12,303	-609	2 AP			Kronprinz
14:08	11,696	-605	2 AP			Kronprinz
14:12	10,565	-90	3 AP			Grosser Kurfurst
14:13	10,441	-160	3 AP			Grosser Kurfurst
14:14	10,230	-210	3 AP		1 hit	Grosser Kurfurst
14:15	9,941	-199	4 AP	rapid	1 hit	Grosser Kurfurst
14:16	9,743	-198	3 AP	rapid	1 hit	Grosser Kurfurst
14:17	9,503	-188	1 AP	rapid		Grosser Kurfurst
14:18	9,147	-163	2 AP			Grosser Kurfurst
14:19	9,129	-16	3 AP			Grosser Kurfurst
14:20	9,054	-58	2 AP			Grosser Kurfurst

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14:21	8,290	-764	4 AP	Grosser Kurfurst
14:22	8,143	-218	3 AP	Grosser Kurfurst
14:23	7,896	-247	3 AP	Grosser Kurfurst
14:24	7,635	-261	3 AP	Grosser Kurfurst
14:25	7,351	-283	3 AP	Grosser Kurfurst
14:26	6,735	-280	3 AP	Grosser Kurfurst
14:27	6,456	-279	3 AP	Grosser Kurfurst
14:28	6,993	538	1 AP	Grosser Kurfurst
14:29	7,535	424	1 AP	Grosser Kurfurst
14:30	7,982	452	2 AP rapid	Grosser Kurfurst
14:31	7,792	-186	1 AP rapid	Grosser Kurfurst
14:36	6,376	64	2 AP	Grosser Kurfurst
14:37	6,493	59	2 AP	Grosser Kurfurst
14:38	6,411	-32	1 AP	Grosser Kurfurst
14:45	6,246	-12	1 AP	Konig
14:46	6,237	-6	2 AP rapid	Konig
14:47	6,233	-1	1 AP rapid	Konig
14:48	6,235	5	1 AP rapid	Konig
14:49	6,243	11	2 AP rapid	Konig
14:50	6,257	16	1 AP rapid	Konig
			Total 215 shells	5 hits