

Hochseeflotte Divivsion I Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Konig

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:04	19,413	-848	1 AP		Lion
13:05	18,590	-796	2 AP		Lion
13:06	17,823	-737	3 AP		Lion
13:08	17,708	-417	1 AP		Lion
13:09	17,307	-400	3 AP		Lion
13:10	16,924	-380	3 AP		Lion
13:11	16,562	-359	3 AP		Lion
13:12	16,182	-376	3 AP		Lion
13:13	15,794	-383	4 AP		Lion
13:14	15,421	-366	3 AP		Lion
13:15	15,066	-347	4 AP		Lion
13:16	13,454	-1,363	5 AP		Lion
13:17	13,603	-412	1 AP		Lion
13:18	13,696	107	12 AP		Lion
13:19	17,398	373	6 AP		Queen Elizabeth
13:20	17,795	396	5 AP		Queen Elizabeth
13:21	18,215	420	3 AP		Queen Elizabeth
13:22	18,155	-60	3 AP	1 hit	Queen Elizabeth
13:23	18,100	-38	7 AP rapid		Queen Elizabeth
13:24	18,026	-75	4 AP		Queen Elizabeth
13:25	18,241	-301	3 AP		Queen Elizabeth
13:26	17,923	-317	4 AP		Queen Elizabeth
13:27	17,641	-282	4 AP		Queen Elizabeth
13:28	17,368	-272	3 AP		Queen Elizabeth
13:29	17,088	-279	5 AP	1 hit	Queen Elizabeth
13:30	16,756	-331	8 AP rapid		Queen Elizabeth
13:31	16,268	-766	4 AP		Queen Elizabeth
13:32	16,244	-320	4 AP		Queen Elizabeth
13:33	15,924	-318	5 AP		Queen Elizabeth
13:34	15,570	-336	6 AP		Queen Elizabeth
13:35	15,234	-336	6 AP		Queen Elizabeth
13:36	14,898	-336	6 AP		Queen Elizabeth
13:37	14,419	-478	7 AP	1 hit	Queen Elizabeth
13:38	13,949	-468	13 AP rapid	1 hit	Queen Elizabeth
13:39	13,498	-450	15 AP rapid		Queen Elizabeth
13:40	13,057	-439	8 AP		Queen Elizabeth
13:41	12,620	-436	9 AP		Queen Elizabeth
13:42	12,482	86	8 AP		Queen Elizabeth
13:43	12,568	81	17 AP rapid		Queen Elizabeth
13:44	12,654	83	16 AP rapid	3 hits	Queen Elizabeth
13:45	12,744	86	17 AP rapid		Queen Elizabeth
13:46	12,835	88	7 AP		Queen Elizabeth
13:47	13,178	343	8 AP	1 hit	Queen Elizabeth
13:48	13,521	328	17 AP rapid	1 hit	Queen Elizabeth
13:49	13,849	328	16 AP rapid		Queen Elizabeth
13:50	14,192	344	7 AP		Queen Elizabeth
13:51	14,536	344	7 AP		Queen Elizabeth
13:52	15,009	473	7 AP		Queen Elizabeth
13:53	15,504	495	6 AP	1 hit	Queen Elizabeth
13:54	16,010	507	10 AP rapid		Queen Elizabeth
13:55	16,517	507	5 AP		Queen Elizabeth
13:56	17,025	508	5 AP		Queen Elizabeth
13:57	16,774	-626	4 AP		Queen Elizabeth
13:58	16,220	-489	5 AP	1 hit	Queen Elizabeth
13:59	15,724	-518	11 AP rapid		Queen Elizabeth
14:00	15,111	-540	7 AP		Queen Elizabeth
14:01	14,491	-569	6 AP		Queen Elizabeth
14:02	13,874	-592	7 AP		Queen Elizabeth
14:03	13,284	-589	7 AP		Queen Elizabeth
14:04	12,697	-585	12 AP		Queen Elizabeth

**Hochseeflotte Divivsion I Gunnery Logs
North Sea Operation April 14, 1917**

14:05	12,114	-581	10 AP		Queen Elizabeth
14:06	11,535	-577	10 AP		Queen Elizabeth
14:07	11,084	-445	10 AP	2 hits	Queen Elizabeth
14:08	10,640	-437	14 AP rapid		Queen Elizabeth
14:09	10,253	-381	14 AP rapid		Queen Elizabeth
14:10	9,891	-356	14 AP rapid		Queen Elizabeth
14:11	9,611	-30	12 AP	1 hit	Queen Elizabeth
14:12	9,782	-172	14 AP rapid	1 hit	Queen Elizabeth
14:13	9,592	-190	13 AP rapid		Queen Elizabeth
14:14	9,363	-208	10 AP	1 hit	Queen Elizabeth
14:15	9,156	-207	14 AP rapid	1 hit	Queen Elizabeth
14:16	9,837	684	12 AP rapid		Queen Elizabeth
14:17	9,428	-240	2 AP		Queen Elizabeth
14:18	9,159	-265	11 AP	1 hit	Queen Elizabeth
14:19	8,882	-273	13 AP rapid		Queen Elizabeth
14:20	7,981	-901	5 AP		Queen Elizabeth
14:21	7,664	-336	9 AP		Queen Elizabeth
14:22	7,373	-291	14 AP		Queen Elizabeth
14:23	7,082	-291	13 HE	3 hits	Queen Elizabeth
14:24	6,793	-289	13 HE	1 hit	Queen Elizabeth
14:25	6,505	-287	12 HE	1 hit	Queen Elizabeth
14:26	6,219	-286	13 HE		Queen Elizabeth
14:27	5,937	-281	12 HE	1 hit	Queen Elizabeth
14:28	5,710	-225	12 HE	1 hit	Queen Elizabeth
14:29	5,487	-221	13 HE		Queen Elizabeth
14:30	5,263	-223	12 HE	1 hit	Queen Elizabeth
14:31	5,035	-227	12 HE	2 hits	Queen Elizabeth
14:32	4,661	-373	12 HE	2 hits	Queen Elizabeth
14:33	3,950	-710	13 HE	1 hit	Queen Elizabeth
14:34	3,598	-350	7 HE	1 hit	Queen Elizabeth
14:35	3,400	-215	6 HE	2 hits	Queen Elizabeth
14:36	3,219	-180	10 HE	5 hits	Queen Elizabeth
14:37	3,077	-137	7 HE	2 hits	Queen Elizabeth
14:38	2,971	-100	7 HE	2 hits	Queen Elizabeth
14:39	2,905	-57	3 HE	1 hit	Queen Elizabeth
		Total	776 shells	44 hits	

Hochseeflotte Divivsion I Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Grosser Kurfurst

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:05	19,059	-805	2 AP		Lion
13:06	18,282	-748	1 AP		Lion
13:07	18,462	184	1 AP		Lion
13:09	17,772	-397	1 AP		Lion
13:11	16,759	-390	3 AP		Princess Royal
13:12	16,377	-378	2 AP		Princess Royal
13:13	15,975	-397	3 AP		Princess Royal
13:14	15,576	-394	3 AP		Princess Royal
13:15	15,203	-366	3 AP		Princess Royal
13:16	14,415	-1,355	1 AP		Princess Royal
13:17	14,167	-1,143	4 AP	1 hit	Princess Royal
13:18	14,073	-427	2 AP rapid		Princess Royal
13:19	17,048	349	6 AP		Barham
13:20	17,420	372	5 AP		Barham
13:21	17,816	396	4 AP		Barham
13:22	17,978	162	3 AP		Barham
13:23	18,118	25	4 AP		Barham
13:24	18,097	-75	3 AP		Barham
13:25	18,232	181	4 AP		Barham
13:26	18,174	-317	3 AP		Barham
13:27	17,857	-317	4 AP	1 hit	Barham
13:28	17,556	-277	6 AP rapid		Barham
13:29	17,277	-278	4 AP		Barham
13:30	17,018	-333	4 AP	1 hit	Barham
13:31	16,873	-766	9 AP rapid		Barham
13:32	16,420	-748	4 AP		Barham
13:33	16,190	-320	4 AP		Barham
13:34	15,836	-335	6 AP		Barham
13:35	15,500	-336	6 AP		Barham
13:36	15,164	-336	7 AP	1 hit	Barham
13:37	14,810	-354	12 AP rapid		Barham
13:38	14,301	-470	7 AP		Barham
13:39	13,836	-452	7 AP		Barham
13:40	13,405	-442	11 AP		Barham
13:41	12,965	-438	11 AP	1 hit	Barham
13:42	12,462	84	11 AP		Queen Elizabeth
13:43	12,498	86	10 AP		Barham
13:44	12,584	81	9 AP		Barham
13:45	12,677	94	10 AP		Barham
13:46	12,763	86	10 AP		Barham
13:47	12,854	88	10 AP		Barham
13:48	13,250	343	8 AP		Barham
13:49	9,315	466	17 AP		Lion
13:50	9,789	474	15 AP		Lion
13:51	10,319	511	15 AP		Lion
13:52	14,612	348	9 AP		Barham
13:53	15,122	495	8 AP		Barham
13:54	15,628	507	7 AP	1 hit	Barham
13:55	16,135	507	12 AP rapid		Barham
13:56	16,642	508	6 AP		Barham
13:57	17,138	496	6 AP		Barham
13:58	16,694	-601	6 AP		Barham
13:59	16,197	-488	6 AP	1 hit	Barham
14:00	15,685	-511	13 AP rapid	1 hit	Barham
14:01	15,135	-549	14 AP rapid		Barham
14:02	14,570	-566	9 AP	1 hit	Barham
14:03	13,750	-591	17 AP rapid	1 hit	Barham
14:04	13,160	-588	17 AP rapid		Barham
14:05	12,574	-584	12 AP	1 hit	Barham
14:06	11,992	-580	18 AP rapid		Barham

Hochseeflotte Divivsion I Gunnery Logs North Sea Operation April 14, 1917

14:07	11,387	-602	17 AP	rapid	1 hit	Barham
14:08	10,965	-448	17 AP	rapid		Barham
14:09	10,558	-391	14 AP		2 hits	Barham
14:10	10,176	-366	18 AP	rapid		Barham
14:11	9,783	-414	14 AP			Barham
14:12	9,753	-380	15 AP			Barham
14:13	9,757	-191	13 AP		1 hit	Barham
14:14	9,528	-151	17 AP	rapid	1 hit	Barham
14:15	9,359	-168	16 AP	rapid		Barham
14:16	9,172	-186	17 AP	rapid	1 hit	Barham
14:17	9,450	-91	2 AP			Queen Elizabeth
14:18	9,132	-280	12 AP		1 hit	Queen Elizabeth
14:19	8,841	-288	18 AP	rapid		Queen Elizabeth
14:20	9,040	-117	17 AP			Valiant
14:21	8,226	-814	6 AP			Valiant
14:22	8,062	-233	16 AP		1 hit	Valiant
14:23	7,815	-247	18 HE		3 hits	Valiant
14:24	7,545	-270	17 HE		1 hit	Valiant
14:25	7,261	-284	17 HE		1 hit	Valiant
14:26	7,355	-177	17 HE			Princess Royal
14:27	7,173	-182	17 HE		2 hits	Princess Royal
14:28	6,976	-192	17 HE		2 hits	Princess Royal
14:29	6,784	-192	17 HE			Princess Royal
14:30	6,602	-182	18 HE			Princess Royal
14:31	6,426	-176	17 HE		4 hits	Princess Royal
14:32	6,116	-309	17 HE		3 hits	Princess Royal
14:33	5,315	-777	25 HE		2 hits	Princess Royal
14:34	4,620	-358	8 HE		2 hits	Princess Royal
14:35	4,250	-232	9 HE		1 hit	Princess Royal
14:36	3,559	288	5 HE			Queen Elizabeth
14:37	3,867	219	6 HE		1 hit	Queen Elizabeth
14:38	4,156	315	5 HE			Queen Elizabeth
14:43	2,472	-493	3 HE	rapid		Valiant
14:44	2,072	-260	4 HE		1 hit	Valiant
			Total	901 shells	42 hits	

Hochseeflotte Divivsion I Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Markgraf

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:05	19,530	-814	1 AP		Lion
13:06	18,742	-759	1 AP		Lion
13:08	18,636	-413	1 AP		Lion
13:10	17,616	-397	1 AP		Princess Royal
13:11	17,227	-387	2 AP		Princess Royal
13:12	16,848	-375	2 AP		Princess Royal
13:13	16,306	-398	1 AP		Queen Mary
13:14	15,932	-384	3 AP		Queen Mary
13:15	15,574	-367	3 AP		Queen Mary
13:16	14,529	-1,035	1 AP		Queen Mary
13:17	13,687	-1,285	1 AP		Queen Mary
13:18	13,507	-44	8 AP		Queen Mary
13:19	13,620	107	11 AP		Queen Mary
13:20	13,725	105	9 AP		Queen Mary
13:21	13,837	112	8 AP	1 hit	Queen Mary
13:22	13,909	72	16 AP rapid		Queen Mary
13:23	13,871	-38	15 AP rapid		Queen Mary
13:25	18,749	-297	3 AP		Queen Elizabeth
13:26	18,425	-318	3 AP		Valiant
13:27	18,107	-316	3 AP		Valiant
13:28	17,889	-218	3 AP		Valiant
13:29	17,533	-310	5 AP		Valiant
13:30	17,281	-334	4 AP		Valiant
13:31	17,239	-22	4 AP		Valiant
13:32	16,960	-278	6 AP		Valiant
13:33	16,276	-748	6 AP		Valiant
13:34	16,103	-285	5 AP		Valiant
13:35	15,515	-335	1 AP		Barham
13:36	15,178	-337	7 AP		Barham
13:37	14,824	-354	7 AP		Barham
13:38	14,298	-486	6 AP		Barham
13:39	14,175	-453	7 AP		Valiant
13:40	13,755	-444	7 AP		Valiant
13:41	13,312	-441	8 AP	1 hit	Valiant
13:42	12,898	-413	12 AP rapid		Valiant
13:43	12,487	-408	8 AP		Valiant
13:44	12,514	83	6 AP		Valiant
13:45	12,605	78	7 AP	1 hit	Valiant
13:46	12,686	81	12 AP rapid	1 hit	Valiant
13:47	12,770	84	11 AP rapid	3 hits	Valiant
13:48	12,867	97	12 AP rapid	1 hit	Valiant
13:49	13,433	334	6 AP		Queen Elizabeth
13:50	13,757	312	7 AP		Queen Elizabeth
13:51	14,092	335	6 AP	1 hit	Queen Elizabeth
13:52	14,555	464	11 AP rapid	1 hit	Queen Elizabeth
13:53	15,100	498	11 AP rapid		Queen Elizabeth
13:54	15,246	507	5 AP		Valiant
13:55	15,753	507	5 AP		Valiant
13:56	16,260	507	5 AP		Valiant
13:57	16,756	496	4 AP		Valiant
13:58	17,240	484	3 AP		Valiant
13:59	13,232	-57	1 AP		Lion
14:00	16,054	-433	1 AP		Valiant
14:01	15,591	-461	6 AP	1 hit	Valiant
14:02	15,096	-493	11 AP rapid		Valiant
14:03	14,584	-510	6 AP		Valiant
14:04	14,034	-534	5 AP		Valiant
14:05	13,476	-555	6 AP		Valiant
14:06	12,451	-584	5 AP		Valiant
14:07	11,844	-606	7 AP	1 hit	Valiant

**Hochseeflotte Divivsion I Gunnery Logs
North Sea Operation April 14, 1917**

14:08	11,201	-687	8 AP	rapid		Valiant
14:09	10,870	-401	7 AP			Valiant
14:10	10,468	-375	7 AP			Valiant
14:11	10,060	-419	8 AP			Valiant
14:12	10,030	-385	9 AP			Valiant
14:13	10,014	-349	8 AP		1 hit	Valiant
14:14	9,694	-210	13 AP	rapid	1 hit	Valiant
14:15	9,484	-131	12 AP	rapid	1 hit	Valiant
14:16	9,222	-220	13 AP	rapid		Valiant
14:17	9,114	11	9 AP			Valiant
14:18	9,226	114	10 AP			Valiant
14:19	9,071	-85	10 AP			Valiant
14:20	8,938	-130	10 AP			Valiant
14:21	8,133	-805	6 AP			Valiant
14:22	7,977	-652	7 AP			Valiant
14:23	7,755	-222	10 AP			Valiant
14:24	7,493	-277	13 AP			Valiant
14:25	7,195	-297	12 AP			Valiant
14:26	6,256	-280	13 AP			Queen Elizabeth
14:27	5,971	-284	12 AP		1 hit	Queen Elizabeth
14:28	5,732	-240	13 AP		1 hit	Queen Elizabeth
14:29	5,487	-245	12 AP			Queen Elizabeth
14:30	5,200	-242	13 AP		2 hits	Queen Elizabeth
14:31	4,959	-241	12 AP		3 hits	Queen Elizabeth
14:32	4,684	-275	13 AP		5 hits	Queen Elizabeth
14:33	4,305	-378	12 AP		2 hits	Queen Elizabeth
14:34	3,742	-363	8 AP		3 hits	Queen Elizabeth
14:35	3,264	-220	5 AP		2 hits	Queen Elizabeth
14:36	3,930	-281	5 AP		1 hit	Valiant
14:37	3,646	-198	2 AP			Valiant
		Total	640 shells		35 hits	

Hochseeflotte Divivsion I Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Kronprinz

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:06	19,205	-770	1 AP		Lion
13:10	17,873	-386	1 AP		Queen Mary
13:11	17,505	-366	2 AP		Queen Mary
13:12	17,179	-386	2 AP		Queen Mary
13:13	15,656	-516	1 AP		New Zealand
13:15	14,645	-498	3 AP		New Zealand
13:16	14,904	-1,359	1 AP		Lion
13:17	14,428	-872	1 AP		Lion
13:18	13,965	-444	1 AP		Lion
13:19	16,699	103	5 AP		Valiant
13:21	17,508	393	5 AP		Valiant
13:22	17,893	386	3 AP		Valiant
13:23	18,286	248	3 AP		Valiant
13:24	18,545	227	3 AP		Valiant
13:25	18,599	241	2 AP		Valiant
13:26	18,676	-302	3 AP		Warspite
13:27	18,358	-316	4 AP		Warspite
13:28	18,088	-270	5 AP		Warspite
13:29	17,792	-336	5 AP		Warspite
13:30	17,481	-310	5 AP		Warspite
13:31	17,145	-336	6 AP		Warspite
13:32	16,815	-329	6 AP	1 hit	Warspite
13:33	16,880	-749	11 AP rapid		Warspite
13:34	16,370	-302	6 AP		Warspite
13:35	15,825	-294	7 AP		Valiant
13:36	15,504	-320	7 AP		Valiant
13:37	15,129	-375	8 AP		Valiant
13:38	14,657	-487	9 AP		Valiant
13:39	14,515	-455	10 AP		Warspite
13:40	13,076	-460	1 AP		Queen Elizabeth
13:42	13,244	-415	9 AP		Warspite
13:43	12,831	-411	11 AP		Warspite
13:44	12,396	-433	11 AP		Warspite
13:45	12,535	86	10 AP	1 hit	Warspite
13:46	12,626	80	16 AP rapid		Warspite
13:47	12,709	83	16 AP rapid	1 hit	Warspite
13:48	12,806	96	16 AP rapid		Warspite
13:49	13,036	327	15 AP rapid		Warspite
13:50	13,355	304	9 AP		Warspite
13:51	10,050	496	2 AP		Lion
13:52	10,487	438	14 AP	1 hit	Lion
13:53	14,416	348	8 AP		Warspite
13:54	14,864	506	8 AP		Warspite
13:55	15,370	507	8 AP		Warspite
13:56	15,877	507	7 AP		Warspite
13:57	16,373	496	6 AP		Warspite
13:58	16,858	484	5 AP		Warspite
13:59	17,073	60	4 AP		Warspite
14:00	16,528	-529	7 AP		Warspite
14:01	15,920	-465	8 AP		Warspite
14:02	15,421	-498	8 AP		Warspite
14:03	14,905	-514	8 AP	1 hit	Warspite
14:04	14,346	-540	17 AP rapid		Warspite
14:05	13,784	-561	10 AP		Warspite
14:06	12,913	-586	11 AP	1 hit	Warspite
14:07	12,303	-609	16 AP rapid		Warspite
14:08	11,696	-605	16 AP rapid	1 hit	Warspite
14:09	11,190	-409	16 AP rapid	1 hit	Warspite
14:10	10,768	-383	16 AP rapid	2 hits	Warspite
14:11	10,355	-408	16 AP rapid		Warspite

**Hochseeflotte Divivsion I Gunnery Logs
North Sea Operation April 14, 1917**

14:12	10,141	-111	11 AP		Warspite
14:13	10,073	-132	11 AP	1 hit	Warspite
14:14	9,946	-225	14 AP rapid		Warspite
14:15	9,650	-210	10 AP		Warspite
14:16	9,440	-209	11 AP		Warspite
14:17	9,093	-300	11 AP	1 hit	Warspite
14:18	8,847	-107	15 AP rapid		Warspite
14:19	8,952	-36	10 AP		Warspite
14:20	8,855	-84	8 AP		Warspite
14:21	7,879	-634	10 AP		Queen Elizabeth
14:22	7,645	-235	10 AP	1 hit	Queen Elizabeth
14:23	7,411	-234	6 AP rapid		Queen Elizabeth
14:24	7,179	-232	7 AP rapid		Queen Elizabeth
14:25	6,949	-229	6 AP rapid		Queen Elizabeth
14:26	6,724	-224	6 AP rapid	1 hit	Queen Elizabeth
			Total	597 shells	14 hits