

Grand Fleet 3rd Division Gunnery Logs North Sea Operation April 14, 1917

Gunnery log for Orion

Local Time	Range Yards	Range Rate	Shells Fired		Result	Target
13:15	18,411	-1,229	1 AP			Lutzow
13:17	16,942	-160	1 AP			Lutzow
13:19	17,146	93	6 AP			Lutzow
13:20	17,245	99	8 AP			Lutzow
13:21	17,351	106	8 AP		1 hit	Lutzow
13:22	17,143	-208	14 AP	rapid		Lutzow
13:23	16,925	-200	1 AP			Lutzow
13:24	16,707	-218	9 AP			Lutzow
13:25	16,490	-218	9 AP			Lutzow
13:26	16,280	-209	9 AP			Lutzow
13:27	15,580	-700	8 AP			Lutzow
13:28	14,857	-703	11 AP			Lutzow
13:29	14,187	-670	12 AP			Lutzow
13:30	13,508	-679	12 AP			Lutzow
13:31	12,829	-679	13 AP			Lutzow
13:32	12,590	-238	13 AP		1 hit	Lutzow
13:33	12,341	-242	18 AP	rapid	1 hit	Lutzow
13:34	12,097	-243	17 AP	rapid	1 hit	Lutzow
13:35	11,853	-244	18 AP	rapid	1 hit	Lutzow
13:36	11,609	-243	17 AP	rapid		Lutzow
13:37	11,801	193	14 AP		1 hit	Lutzow
13:38	11,982	161	18 AP	rapid	1 hit	Lutzow
13:39	12,145	164	17 AP	rapid		Lutzow
13:40	14,449	63	9 AP			Prinzregent Luitpold
13:41	14,521	72	9 AP			Prinzregent Luitpold
13:42	14,514	58	10 AP		1 hit	Prinzregent Luitpold
13:43	14,591	77	17 AP	rapid		Prinzregent Luitpold
13:44	14,668	77	18 AP	rapid	1 hit	Prinzregent Luitpold
13:45	14,745	77	17 AP	rapid		Prinzregent Luitpold
13:46	14,822	77	12 AP			Prinzregent Luitpold
13:47	14,899	77	11 AP			Prinzregent Luitpold
13:48	14,681	-216	1 AP			Prinzregent Luitpold
13:49	14,730	334	11 AP			Prinzregent Luitpold
13:50	15,065	336	12 AP			Prinzregent Luitpold
13:51	15,401	336	10 AP		1 hit	Prinzregent Luitpold
13:52	15,176	-225	15 AP	rapid		Prinzregent Luitpold
13:53	14,960	-184	11 AP			Prinzregent Luitpold
13:54	14,765	-195	11 AP		1 hit	Prinzregent Luitpold
13:55	14,570	-195	17 AP	rapid		Prinzregent Luitpold
13:56	14,376	-204	18 HE	rapid	2 hits	Prinzregent Luitpold
13:57	14,172	-203	17 HE	rapid	1 hit	Prinzregent Luitpold
13:58	14,082	-137	18 HE	rapid		Prinzregent Luitpold
13:59	14,136	86	11 HE			Prinzregent Luitpold
14:00	13,685	-598	12 HE			Prinzregent Luitpold
14:01	13,128	-495	12 HE			Prinzregent Luitpold
14:02	12,614	-512	13 HE			Prinzregent Luitpold
14:03	12,083	-529	14 HE			Prinzregent Luitpold
14:04	11,535	-547	18 HE	rapid	2 hits	Prinzregent Luitpold
14:05	10,960	-573	17 HE	rapid		Prinzregent Luitpold
14:06	10,373	-586	18 HE	rapid		Prinzregent Luitpold
14:07	10,113	-258	16 HE			Prinzregent Luitpold
14:08	9,897	-238	18 HE		3 hits	Prinzregent Luitpold
14:09	9,693	-204	17 HE		2 hits	Prinzregent Luitpold
14:10	9,527	-166	18 HE			Prinzregent Luitpold
14:11	8,954	-30	17 HE		2 hits	Prinzregent Luitpold
14:12	8,913	-41	18 HE		1 hit	Prinzregent Luitpold
14:13	8,884	-218	17 HE		2 hits	Prinzregent Luitpold
14:14	8,667	-217	18 HE		3 hits	Prinzregent Luitpold
14:15	8,450	-216	17 HE		1 hit	Prinzregent Luitpold
14:16	8,234	-215	18 HE		4 hits	Prinzregent Luitpold

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14:17	8,084	-150	17 HE	3 hits	Prinzregent Luitpold
		Total	804 shells	37 hits	

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Gunnery log for Monarch

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:15	19,438	-1,214	1 AP		Derfflinger
13:17	16,979	-1,223	1 AP		Derfflinger
13:19	16,956	-20	6 AP		Derfflinger
13:20	17,142	91	6 AP		Derfflinger
13:21	17,232	90	8 AP		Derfflinger
13:22	17,330	97	7 AP		Derfflinger
13:23	17,038	-226	1 AP		Derfflinger
13:24	16,812	-226	8 AP		Derfflinger
13:25	16,641	-218	7 AP		Derfflinger
13:26	16,423	-218	6 AP		Derfflinger
13:29	17,245	-704	1 AP		Markgraf
13:30	16,552	-691	7 AP		Markgraf
13:31	15,825	-706	4 AP		Markgraf
13:32	15,121	-702	10 AP		Markgraf
13:33	14,432	-686	9 AP		Markgraf
13:34	14,236	-328	10 AP		Markgraf
13:35	13,898	-317	11 AP	1 hit	Markgraf
13:36	13,571	-327	18 AP rapid	3 hits	Markgraf
13:37	13,233	-338	17 AP rapid		Markgraf
13:38	13,406	82	12 AP		Markgraf
13:39	13,435	52	13 AP		Markgraf
13:40	15,095	-79	1 AP		Kaiserin
13:41	15,068	-40	7 AP		Kaiserin
13:42	15,038	-30	8 AP		Kaiserin
13:43	15,017	-20	7 AP		Kaiserin
13:44	15,030	2	8 AP		Kaiserin
13:45	15,042	13	9 AP	1 hit	Kaiserin
13:46	15,062	2	18 AP rapid		Kaiserin
13:47	14,861	19	7 AP		Kaiserin
13:48	14,691	36	7 AP	1 hit	Kaiserin
13:49	14,810	104	18 AP rapid	3 hits	Kaiserin
13:50	15,006	187	17 AP rapid	2 hits	Kaiserin
13:51	15,258	246	16 AP rapid		Kaiserin
13:52	15,542	281	8 AP		Kaiserin
13:53	15,187	-244	8 AP		Kaiserin
13:54	14,976	-203	10 AP		Kaiserin
13:55	14,767	-214	11 AP		Kaiserin
13:56	14,556	-212	18 AP rapid	1 hit	Kaiserin
13:57	14,336	-222	17 AP rapid	1 hit	Kaiserin
13:58	14,128	-219	18 AP rapid		Kaiserin
13:59	13,931	-208	10 AP		Kaiserin
14:00	13,870	-32	10 AP		Kaiserin
14:01	13,632	-240	12 AP		Kaiserin
14:02	13,199	-445	12 AP		Kaiserin
14:03	12,667	-549	14 AP		Kaiserin
14:04	12,099	-587	13 AP		Kaiserin
14:05	11,514	-605	15 HE	2 hits	Kaiserin
14:06	10,913	-644	18 HE rapid	1 hit	Kaiserin
14:07	10,283	-621	17 HE rapid	2 hits	Kaiserin
14:08	10,138	-216	18 HE rapid		Kaiserin
14:09	9,892	-238	17 HE		Kaiserin
14:10	9,584	-306	18 HE		Kaiserin
14:11	9,395	-191	12 HE		Kaiserin
14:12	9,353	-191	13 HE	2 hits	Kaiserin
14:13	9,220	-281	18 HE rapid	2 hits	Kaiserin
14:14	9,087	-273	17 HE rapid	2 hits	Kaiserin
14:15	8,923	-164	18 HE rapid	1 hit	Kaiserin
14:16	8,740	-182	17 HE rapid		Kaiserin
14:17	8,531	-181	14 HE		Kaiserin
14:18	8,399	-118	14 HE		Kaiserin

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14:19	8,274	-98	18 HE		Kaiserin
14:20	8,254	-35	17 HE	2 hits	Kaiserin
14:21	8,145	-150	18 HE	1 hit	Kaiserin
14:22	7,919	-126	17 HE	2 hits	Kaiserin
14:23	7,960	91	7 HE rapid		Kaiserin
14:24	7,916	-103	7 HE	1 hit	Kaiserin
14:25	7,853	-61	7 HE		Kaiserin
14:26	7,773	-79	7 HE		Kaiserin
14:38	12,172	580	6 HE		Kaiser
14:39	12,762	589	6 HE		Kaiser
14:40	13,373	620	6 HE		Kaiser
14:41	14,002	636	7 HE		Kaiser
14:42	14,645	651	7 HE	1 hit	Kaiser
14:43	14,979	361	4 HE rapid		Kaiser
Total			807 shells	32 hits	

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Gunnery log for Conqueror

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:16	18,714	-1,204	1 AP		Derfflinger
13:18	16,171	-158	1 AP		Derfflinger
13:19	16,516	366	3 AP		Seydlitz
13:20	17,058	101	4 AP		Seydlitz
13:21	17,165	99	5 AP		Seydlitz
13:22	17,198	33	8 AP		Seydlitz
13:23	17,118	-80	8 AP		Seydlitz
13:24	17,010	-218	8 AP		Seydlitz
13:25	16,792	-218	6 AP		Seydlitz
13:26	16,574	-218	7 AP		Seydlitz
13:27	16,562	-587	1 AP		Seydlitz
13:28	16,246	-703	4 AP		Seydlitz
13:29	15,204	-670	6 AP		Seydlitz
13:30	14,523	-681	2 AP		Seydlitz
13:31	16,391	-710	1 AP		Kronprinz
13:32	15,683	-706	8 AP		Kronprinz
13:33	14,972	-709	10 AP		Kronprinz
13:34	14,511	-328	9 AP		Kronprinz
13:35	14,173	-317	11 AP		Kronprinz
13:36	13,846	-327	12 AP		Kronprinz
13:37	13,508	-338	12 AP		Kronprinz
13:38	13,161	-347	8 AP		Kronprinz
13:39	13,371	52	17 AP rapid		Kronprinz
13:40	13,432	31	9 AP		Kronprinz
13:41	13,470	39	14 AP	1 hit	Kronprinz
13:42	13,524	54	17 AP rapid	2 hits	Kronprinz
13:43	13,578	55	18 AP rapid	1 hit	Kronprinz
13:44	13,647	69	17 AP rapid	1 hit	Kronprinz
13:45	13,716	69	18 AP rapid	1 hit	Kronprinz
13:46	13,786	69	17 AP rapid	1 hit	Kronprinz
13:47	13,984	82	18 AP rapid		Kronprinz
13:48	14,066	83	12 AP		Kronprinz
13:49	14,310	341	12 AP		Kronprinz
13:50	14,641	327	12 AP	1 hit	Kronprinz
13:51	14,982	341	17 AP rapid		Kronprinz
13:52	15,323	341	11 AP	1 hit	Kronprinz
13:53	15,692	346	16 AP rapid		Kronprinz
13:54	15,281	-177	8 AP		Kronprinz
13:55	15,105	-127	11 AP	1 hit	Kronprinz
13:56	14,962	-141	17 AP rapid		Kronprinz
13:57	14,814	-148	11 AP	1 hit	Kronprinz
13:58	14,642	-171	18 AP rapid	1 hit	Kronprinz
13:59	14,222	-573	1 AP rapid		Kronprinz
14:00	13,632	-560	12 AP		Kronprinz
14:01	13,056	-575	13 HE		Kronprinz
14:02	12,457	-600	14 HE		Kronprinz
14:03	12,888	-514	12 HE		Friedrich Der Grosse
14:04	12,348	-538	14 HE		Friedrich Der Grosse
14:05	11,797	-550	14 HE	2 hits	Friedrich Der Grosse
14:06	11,227	-569	18 HE rapid		Friedrich Der Grosse
14:07	10,622	-604	17 HE rapid	1 hit	Friedrich Der Grosse
14:08	9,978	-642	18 HE rapid		Friedrich Der Grosse
14:09	9,874	-263	16 HE		Friedrich Der Grosse
14:10	9,044	-53	18 HE		Friedrich Der Grosse
14:11	8,982	-38	17 HE		Friedrich Der Grosse
14:12	9,055	73	18 HE	1 hit	Friedrich Der Grosse
14:13	9,007	-48	17 HE rapid		Friedrich Der Grosse
14:14	8,946	-203	18 HE		Friedrich Der Grosse
14:15	8,743	-203	17 HE	1 hit	Friedrich Der Grosse
14:16	8,529	-213	18 HE		Friedrich Der Grosse

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14:17	8,322	-151	15 HE	1 hit	Friedrich Der Grosse
14:18	8,202	-151	18 HE rapid	1 hit	Friedrich Der Grosse
14:19	8,038	-132	17 HE	1 hit	Friedrich Der Grosse
14:20	8,154	-230	18 HE rapid	4 hits	Friedrich Der Grosse
14:21	7,926	-224	17 HE rapid	2 hits	Friedrich Der Grosse
14:22	7,731	-192	18 HE rapid		Friedrich Der Grosse
14:23	7,570	-156	3 HE	1 hit	Friedrich Der Grosse
		Total	803 shells	27 hits	

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Gunnery log for Thunderer

Local Time	Range Yards	Range Rate	Shells Fired	Result	Target
13:16	19,126	-1,262	1 AP		Lutzow
13:18	17,977	-411	1 AP		Lutzow
13:21	17,067	88	1 AP		Moltke
13:22	17,170	105	8 AP		Moltke
13:23	17,179	9	5 AP		Moltke
13:24	17,116	-62	4 AP		Moltke
13:26	16,852	-145	4 AP		Moltke
13:27	16,631	-220	1 AP		Moltke
13:28	16,272	-359	4 AP		Moltke
13:29	16,004	-616	8 AP		Moltke
13:30	15,052	-661	11 AP		Moltke
13:31	14,351	-681	11 AP		Moltke
13:32	13,646	-704	12 AP		Moltke
13:33	12,929	-718	13 AP		Moltke
13:34	12,664	-244	13 AP	2 hits	Moltke
13:35	12,419	-239	17 AP rapid		Moltke
13:36	12,167	-252	18 AP rapid		Moltke
13:37	11,925	-241	17 AP rapid	1 hit	Moltke
13:38	11,706	-252	18 AP rapid		Moltke
13:39	11,708	163	14 AP		Moltke
13:40	11,881	154	15 AP	1 hit	Moltke
13:41	12,038	158	18 AP rapid	2 hits	Moltke
13:42	12,206	170	17 AP rapid		Moltke
13:43	12,377	171	10 AP	1 hit	Moltke
13:44	12,526	145	17 AP rapid		Moltke
13:45	12,685	133	9 AP		Moltke
13:46	12,819	134	9 AP		Moltke
13:47	13,022	141	8 AP		Moltke
13:48	13,163	141	7 AP		Moltke
13:49	13,591	466	9 AP	1 hit	Moltke
13:50	14,083	445	18 AP rapid		Moltke
13:51	14,529	445	8 AP		Moltke
13:52	14,989	460	6 AP		Moltke
13:53	15,449	460	7 AP	1 hit	Moltke
13:54	15,637	-85	15 AP rapid		Moltke
13:55	15,566	-30	10 AP		Moltke
13:56	15,516	-47	10 AP		Moltke
13:57	15,457	-58	10 AP	2 hits	Moltke
13:58	15,371	-84	12 AP rapid	1 hit	Moltke
13:59	14,745	-616	16 AP rapid	1 hit	Moltke
14:00	14,108	-612	17 AP rapid		Moltke
14:01	13,474	-633	13 AP		Moltke
14:02	12,840	-633	13 HE	1 hit	Moltke
14:03	11,900	-680	17 HE rapid	2 hits	Moltke
14:04	12,841	-575	13 HE		Ostfriesland
14:05	12,204	-595	14 HE	1 hit	Ostfriesland
14:06	11,589	-593	17 HE rapid	1 hit	Ostfriesland
14:07	10,898	-689	18 HE rapid		Ostfriesland
14:08	10,224	-672	16 HE		Ostfriesland
14:09	9,774	-309	11 HE		Ostfriesland
14:10	9,430	-66	16 HE		Ostfriesland
14:11	9,067	-51	17 HE	2 hits	Ostfriesland
14:12	9,048	-18	17 HE rapid	1 hit	Ostfriesland
14:13	9,146	97	18 HE rapid	1 hit	Ostfriesland
14:14	9,213	-176	17 HE rapid		Ostfriesland
14:15	9,010	-170	14 HE		Ostfriesland
14:16	8,814	-179	14 HE		Ostfriesland
14:17	8,752	20	13 HE		Ostfriesland
14:18	8,696	-86	15 HE	1 hit	Ostfriesland
14:19	8,655	-254	18 HE rapid		Ostfriesland

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14:20	8,471	-280	15 HE		Ostfriesland
14:21	8,193	-276	15 HE	1 hit	Ostfriesland
14:22	8,091	-274	18 HE rapid		Ostfriesland
14:23	7,937	-234	16 HE		Ostfriesland
14:24	7,865	-26	6 HE		Ostfriesland
14:25	7,781	-78	4 HE		Ostfriesland
14:26	3,513	-133	10 HE		Lutzow
		Total	804 shells	24 hits	