

Scenario: Jan 23, 1915 07:05 Hrs Dogger Operation
 Battlecruiser Fleet vs Scouting Group

Initial conditions

Wind E at 10 knots
 Visibility 22,000 yards, steady

Scouting Group (AI controlled) operation objective Dogger Bank

Battlecruiser Fleet		Scouting Group	
BCS1-2		I.A.G.	BC Seydlitz (F)
1stBCS	BC Lion (F)		BC Moltke
	BC Tiger		BC Derfflinger
	BC Princess Royal		AC Blucher
2ndBCS	BC New Zealand	II.A.G.	CL Graudenz
	BC Indomitable		CL Stralsund
1stLCS	CL Southampton		CL Rostock
	CL Birmingham		CL Kolberg
	CL Lowestoft	Flot-V	TB Flotille V (10)
	CL Nottingham	Flot-VIII	TB Flotille VIII (10)
Harwich			
Tyrwhitt	CL Arethusa (F)		
10thHF	DD 10th Half Flotilla (7)		
Nicholson	CL Aurora		
9thFlot	DD 9th Flotilla (14)		
StJohn	CL Undaunted		
4thFlot	DD 4th Flotilla (14)		

16:11 Hrs Harwich on course 180 detects smoke [from A.G.], bearing SE
 16:11 Hrs A.G. on course 270 detects smoke [from Harwich], bearing NW
 16:11 Hrs A.G. keeps current course 270
 16:11 Hrs A.G. divisions in a single line ahead
 16:11 Hrs Circular screen
 16:11 Hrs Two flotillas abeam of flagship
 Turn 111
 16:16 Hrs Stralsund sights smoke [from 10th Half Flotilla] bearing NW, about 20 NM
 16:16 Hrs Stralsund sights smoke [from 4th Flotilla] bearing NNW, about 25 NM
 16:17 Hrs Stralsund sights smoke [from 9th Flotilla] bearing NW, about 25 NM
 16:19 Hrs Stralsund sights smoke [from Aurora] bearing NNW, about 25 NM
 Turn 112
 16:21 Hrs 10th Half Flotilla (7) sights smoke [from Flotille] bearing SE, about 25 NM
 16:23 Hrs 10th Half Flotilla (7) sights smoke [from I.A.G.] bearing SE, about 25 NM
 16:24 Hrs 10th Half Flotilla (7) sights smoke [from Flotille VIII] bearing SSE, about 25 NM
 16:25 Hrs 10th Half Flotilla (7) sights smoke [from Graudenz] bearing SSE, about 25 NM
 Turn 113
 16:26 Hrs Stralsund sights smoke [from 1stBCS] bearing NW, about 25 NM
 16:30 Hrs Stralsund sights smoke [from 2ndBCS] bearing NW, about 25 NM
 Turn 114
 16:31 Hrs Stralsund sights smoke [from 1stLCS] bearing NW, about 25 NM
 16:31 Hrs Kolberg sights smoke [from Arethusa] bearing NW, about 15 NM
 Turn 115
 16:36 Hrs Kolberg sights smoke [from Undaunted] bearing NNW, about 15 NM
 Turn 116
 16:45 Hrs 10th Half Flotilla (7) sights 3 funneled cruiser [Kolberg]
 Turn 117
 16:46 Hrs Kolberg sights 7 destroyers [10th Half Flotilla (7)]
 16:48 Hrs Kolberg sights 3 funneled cruiser [Arethusa]
 16:49 Hrs Kolberg sights 3 funneled cruiser [Aurora]
 16:50 Hrs Stralsund sights 4 funneled cruiser [Lowestoft]
 Turn 118
 16:51 Hrs Lowestoft sights 4 funneled cruiser [Stralsund]
 16:54 Hrs Kolberg sights Lion class BC [Lion leading 1stBCS]
 16:54 Hrs Kolberg sights Tiger class BC [Tiger]

16:54 Hrs Stralsund sights 4 funneled cruiser [Southampton leading 1stLCS]
 16:55 Hrs Kolberg sights Lion class BC [Princess Royal]
 16:55 Hrs A.G. deploys, Seydlitz leading battleline, course 270, enemy to starboard
 16:55 Hrs II.A.G. stationed on Seydlitz, 3 NM ahead
 Turn 119
 16:56 Hrs Stralsund opens fire on Lowestoft, range 12,784 yards
 16:57 Hrs Kolberg sights Indefatigable class BC [New Zealand leading 2ndBCS]
 16:57 Hrs Kolberg sights Invincible class BC [Indomitable]
 16:57 Hrs Kolberg sights 4 funneled cruiser [Birmingham]
 16:57 Hrs Lowestoft opens fire on Stralsund, range 12,133 yards
 16:59 Hrs Lowestoft sights Seydlitz class BC [Seydlitz leading I.A.G.]
 17:00 Hrs Lowestoft sights Moltke class BC [Moltke]
 17:00 Hrs Lowestoft sights Derfflinger class BC [Derfflinger]
 17:00 Hrs Lowestoft sights 4 funneled cruiser [Graudenz leading II.A.G.]
 17:00 Hrs A.G. battleline changes course to 003
 Turn 120
 17:01 Hrs Lowestoft sights 2 funneled cruiser [Blucher]
 17:01 Hrs Lowestoft sights 7 destroyers [Flotille V (10)]
 17:05 Hrs Lion opens fire on Seydlitz, range 21,474 yards
 17:05 Hrs A.G. battleline changes course to 009
 Turn 121
 17:06 Hrs Tiger opens fire on Seydlitz, range 20,618 yards
 17:07 Hrs Princess Royal opens fire on Seydlitz, range 19,755 yards
 17:07 Hrs Seydlitz opens fire on Lion, range 19,225 yards
 17:07 Hrs Moltke opens fire on Lion, range 19,758 yards
 17:08 Hrs Graudenz opens fire on Lowestoft, range 13,773 yards
 17:09 Hrs Southampton sights 7 destroyers [Flotille VIII (10)]
 17:09 Hrs Moltke shifts fire to Tiger, range 17,830 yards
 17:10 Hrs New Zealand opens fire on Moltke, range 18,266 yards
 17:10 Hrs Indomitable opens fire on Seydlitz, range 18,061 yards
 17:10 Hrs Southampton opens fire on Graudenz, range 13,372 yards
 17:10 Hrs Moltke shifts fire to Lion, range 16,569 yards
 17:10 Hrs Derfflinger shifts fire to Tiger, range 17,266 yards
 Turn 122
 17:11 Hrs Moltke shifts fire to Tiger, range 15,742 yards
 17:11 Hrs Kolberg opens fire on Southampton, range 13,514 yards
 17:12 Hrs Derfflinger shifts fire to Princess Royal, range 15,382 yards
 17:13 Hrs Southampton sights 4 funneled cruiser [Rostock]
 17:14 Hrs Seydlitz sights 4 funneled cruiser [Nottingham]
 17:15 Hrs Princess Royal shifts fire to Moltke, range 15,046 yards
 17:15 Hrs Indomitable shifts fire to Derfflinger, range 15,509 yards
 17:15 Hrs Blucher shifts fire to Birmingham, range 15,498 yards
 17:15 Hrs Graudenz shifts fire to Southampton, range 7,273 yards
 Turn 123
 17:16 Hrs Blucher shifts fire to New Zealand, range 15,226 yards
 17:19 Hrs Blucher shifts fire to Nottingham, range 16,442 yards
 17:19 Hrs Stralsund shifts fire to Birmingham, range 7,008 yards
 17:19 Hrs Rostock opens fire on Southampton, range 13,459 yards
 17:19 Hrs Kolberg shifts fire to Lowestoft, range 6,780 yards
 17:20 Hrs Blucher shifts fire to New Zealand, range 14,870 yards
 Turn 124
 17:21 Hrs Graudenz loses 1 primary gun starboard
 17:21 Hrs Birmingham opens fire on Graudenz, range 3,587 yards
 17:22 Hrs Graudenz machinery damaged
 17:22 Hrs Blucher shifts fire to Nottingham, range 12,130 yards
 17:22 Hrs Stralsund shifts fire to Southampton, range 2,351 yards
 17:23 Hrs Blucher shifts fire to New Zealand, range 14,953 yards
 17:23 Hrs Rostock shifts fire to Birmingham, range 11,032 yards
 17:23 Hrs Lowestoft loses 1 primary gun starboard
 17:23 Hrs Graudenz turns away from Southampton to SE due to close range
 17:24 Hrs Stralsund loses 1 primary gun aft
 17:25 Hrs Nottingham opens fire on Graudenz, range 6,838 yards
 Turn 125

17:26 Hrs Princess Royal fire control damage
 17:29 Hrs Nottingham shifts fire to Stralsund, range 6,977 yards
 17:30 Hrs Stralsund loses 1 primary gun aft
 17:30 Hrs Nottingham belt penetration [hit by Moltke]
 17:30 Hrs Nottingham primary magazine fire, BLOWN UP
 Turn 126
 17:35 Hrs Stralsund shifts fire to Birmingham, range 11,620 yards
 Turn 127
 17:39 Hrs Lowestoft shifts fire to Rostock, range 13,787 yards
 17:39 Hrs Seydlitz opens fire on Lion, range 16,913 yards
 17:39 Hrs Blucher shifts fire to Lowestoft, range 16,244 yards
 17:40 Hrs Moltke loses 1 gun of B turret
 Turn 128
 17:43 Hrs Graudenz sights 14 destroyers [9th Flotilla (14)]
 17:44 Hrs Graudenz sights 3 funneled cruiser [Undaunted]
 17:44 Hrs Tiger loses B turret [guns lost: 2]
 17:44 Hrs Blucher opens fire on New Zealand, range 16,161 yards
 17:45 Hrs Graudenz sights 11 destroyers [4th Flotilla (14)]
 17:45 Hrs Southampton shifts fire to Kolberg, range 13,846 yards
 17:45 Hrs Blucher shifts fire to Lion, range 15,646 yards
 Turn 129
 17:46 Hrs Moltke secondary magazine lost
 17:46 Hrs Blucher shifts fire to New Zealand, range 15,493 yards
 17:48 Hrs Blucher shifts fire to Lion, range 14,787 yards
 17:49 Hrs Blucher shifts fire to New Zealand, range 15,252 yards
 17:50 Hrs Moltke loses A turret [guns lost: 2]
 17:50 Hrs Lion AP shells low
 Turn 130
 17:51 Hrs Tiger secondary magazine fire
 17:51 Hrs Tiger maximum speed reduced by flooding
 17:52 Hrs Lion opens fire on Seydlitz, range 16,145 yards
 17:52 Hrs Blucher shifts fire to Lion, range 16,009 yards
 17:53 Hrs Princess Royal loses 1 gun of Q turret
 17:53 Hrs Blucher shifts fire to New Zealand, range 15,201 yards
 17:55 Hrs Princess Royal opens fire on Seydlitz, range 16,366 yards
 Turn 131
 17:59 Hrs Blucher shifts fire to Lion, range 16,417 yards
 17:59 Hrs Tiger uncontrolled flooding due to seawater
 Turn 132
 18:02 Hrs Blucher shifts fire to New Zealand, range 13,821 yards
 18:03 Hrs Blucher shifts fire to Lion, range 13,996 yards
 18:04 Hrs Tiger shifts fire to Moltke, range 13,453 yards
 18:04 Hrs Blucher shifts fire to New Zealand, range 12,995 yards
 Turn 133
 18:06 Hrs Arethusa opens fire on Graudenz, range 14,206 yards
 18:07 Hrs Aurora opens fire on Graudenz, range 13,907 yards
 18:07 Hrs Undaunted opens fire on Stralsund, range 14,042 yards
 18:07 Hrs Graudenz opens fire on Undaunted, range 13,862 yards
 18:08 Hrs Seydlitz machinery damaged
 18:08 Hrs Blucher shifts fire to Lion, range 12,884 yards
 18:08 Hrs Stralsund opens fire on 10th Half Flotilla (7), range 13,809 yards
 18:08 Hrs Rostock shifts fire to 4th Flotilla (14), range 13,863 yards
 18:08 Hrs Tiger uncontrolled flooding due to seawater
 18:09 Hrs Kolberg shifts fire to 10th Half Flotilla (7), range 13,773 yards
 18:09 Hrs Seydlitz turns away from Lion to NNE due to medium damage
 18:10 Hrs Princess Royal maximum speed reduced by flooding
 18:10 Hrs Princess Royal AP shells low
 Turn 134
 18:11 Hrs Moltke loses B turret [guns lost: 1]
 18:12 Hrs Lion maximum speed reduced by flooding
 18:12 Hrs Princess Royal maximum speed reduced by flooding
 18:13 Hrs Stralsund shifts fire to Arethusa, range 13,183 yards
 18:13 Hrs Rostock shifts fire to Aurora, range 13,148 yards

18:13 Hrs Seydlitz turns away from Lion to NNW due to medium damage
18:14 Hrs Blucher shifts fire to Undaunted, range 16,907 yards