Ammiraglio di St. Bon

BB ITALY 1901 to 1908

1400-0 AMMIRAGLIO DI ST. BON Class

Displacement	10,082 ts	*Length*	367 ft	Venice Naval Yard, Venice	
Complement	557	*Beam*	69 ft	*Launched*	04/29/1897
Stricken 06/18/1920		*Draft*	25.2 ft	*Completed*	05/24/1901

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

4 x 254mm/40 M1899 — 31

Max ROF	Range	Shell Size/Weight
2.0 sh/min	19,675 yds 39.4"	10.0" 452.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	14	8	8	5	6	4	5	3
10 - 18	9	6	6	3	4	2	3	2
19 - 27	7	4	4	3	3	2	3	2
28 - 36	6	4	4	2	3	2	2	1
37 - 45	5	3	3	2	2	1	2	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	4.0	4.0	4.0	4.0	3.7	3.1	2.5	2.0	1.7					
Rge	S	S	S	M	M	L	L	E	E					
H	0.3	0.5	0.6	0.8	1.0	1.3	2.1	3.3	4.0					
V	11.5	9.2	7.3	5.8	4.9	4.2	3.6	3.0	2.7					

8 x 152mm/40 M1899 — 16

Max ROF	Range	Shell Size/Weight
6.0 sh/min	10,442 yds 20.9"	6.0" 100.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	200 rpg	1600

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	6	7	4	5	3	4	2
10 - 18	7	4	4	3	3	2	2	1
19 - 27	6	3	3	2	2	1	2	1
28 - 36	5	3	3	2	2	1	2	1
37 - 45	4	2	3	2	2	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.5	6.1	4.9	3.9	3.2	3.1								
Rge	S	S	M	M	L	L								
H	0.1	0.3	0.4	0.7	0.9	1.0								
V	5.8	4.2	3.1	2.5	2.2	2.1								

8 x 120mm/40 M1891 — 12

Max ROF	Range	Shell Size/Weight
5.0 sh/min	9,757 yds 19.5"	4.7" 45.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2X1	None		COM	HE

AA	0.0	Level	S	Ammunition	250 rpg	2000

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	8	5	5	3	4	2	3	2
10 - 18	5	3	3	2	2	1	2	1
19 - 27	4	3	3	2	2	1	2	1
28 - 36	4	2	2	1	2	1	1	1
37 - 45	3	2	2	1	1	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.3	5.7	4.4	3.5	2.8									
Rge	S	M	M	L	L									
H	0.1	0.2	0.4	0.6	0.9									
V	3.6	2.4	1.8	1.5	1.3									

Coal (ts)	600	Oil (ts)	0
Engines	TE		
Boilers	12 Cylindrical		

Radius (nm/kts)	
3400	10

Search Radar
None
None

ASW MORTARS/ATW		
0		
0		

DEPTH CHARGES			
Rack	0		
Ammo	0		

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	20

45cm A110-450

Damage Class	H

Settings: 2,150/34

2 1 4 3

MINES

0			

RAPID FIRE BATTERIES

RF1	8	57mm/43			
Max Rg	7,500	15.0"		5	4
Eff Rg	3,375	6.8"		8	6

RF						
12	Port	4	3	2	1	1
	Stbd	4	3	2	1	1
AA	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2	2	37mm/20			
Max Rg	2,200	4.4"		5	4
Eff Rg	990	2.0"		8	6

RF						
5	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF3		None		
Max Rg				
Eff Rg				

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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Ammiraglio di St. Bon

TIER	DP
1/70	182
2/80	365
3/75	547
4/85	730
5/80	912
6/90	1076
7/85	1240
8/95	1404
9/90	1569
10	1733
10	1842

DP	1824								
KTS	18								

Engine Rm	2	18	10	0	0	0	0
Prop/Shaft	2	18	9	0	0	0	0
Boiler Rm	4	18	16	11	4	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13+ kt				
Increase	2.0	1.0				

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
5				

Fuel Code	BB1A

ARMOR	0.78	Actual
1H DECK	2.2	2.8
2H TURRET	0.8	1.0
3H SUPERSTR	1.8	2.3
4V CON	7.6	9.8
5V BELT MID	7.6	9.8
6V BELT END	3.1	4.0
7V BARBETTE	7.6	9.8
8V TURRET	4.7	6.0
9V SUPERSTR	3.0	3.9

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
SECONDARY BATTERY																					
																				B2D	Directed fire as range permits
																				B2L	Local control as range permits
																				B2P	Split fire
																				B2C	Change target
																				B2B	Barrage fire as range permits
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Ammiraglio di St. Bon

BB ITALY 1909 to 1920

1400-1 AMMIRAGLIO DI ST. BON Class

Displacement	10,082 ts	*Length*	367 ft	Venice Naval Yard, Venice	
Complement	557	*Beam*	69 ft	*Launched*	04/29/1897
Stricken 06/18/1920		*Draft*	25.2 ft	*Completed*	05/24/1901

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

4 x 254mm/40 M1899 — 32

Max ROF	Range	Shell Size/Weight
2.0 sh/min	25,488 yds 51.0"	10.0" 496.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1Q2	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	14	9	9	6	7	4	6	4
10 - 18	10	6	7	4	5	3	4	3
19 - 27	8	5	5	3	4	3	3	2
28 - 36	7	4	5	3	3	2	3	2
37 - 45	6	4	4	3	3	2	3	2

APC — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	4.0	4.0	4.0	4.0	4.0	3.6	2.9	2.4	2.0	1.7	1.5			
Rge	S	S	S	M	M	M	M	L	L	E	E			
H	0.2	0.4	0.6	0.8	1.0	1.3	1.6	2.1	3.0	4.4	5.1			
V	12.5	10.9	9.5	8.2	7.1	6.2	5.2	4.8	4.5	4.4	4.5			

8 x 152mm/40 M1899 — 17

Max ROF	Range	Shell Size/Weight
6.0 sh/min	11,410 yds 22.8"	6.0" 103.6 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	200 rpg	1600

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	6	7	4	5	3	4	2
10 - 18	7	4	4	3	3	2	2	1
19 - 27	6	3	3	2	2	1	2	1
28 - 36	5	3	3	2	2	1	2	1
37 - 45	4	2	3	2	2	1	1	1

CPC — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.6	6.2	5.0	4.1	3.4	3.0								
Rge	S	S	M	M	L	L								
H	0.1	0.2	0.3	0.5	0.7	0.9								
V	4.0	3.0	2.3	1.8	1.8	1.7								

8 x 120mm/40 M1891 — 12

Max ROF	Range	Shell Size/Weight
5.0 sh/min	9,757 yds 19.5"	4.7" 45.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2X1	None		COM	HE

AA	0.0	Level	S	Ammunition	250 rpg	2000

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	8	5	5	3	4	2	3	2
10 - 18	5	3	3	2	2	1	2	1
19 - 27	4	3	3	2	2	1	2	1
28 - 36	4	2	2	1	2	1	1	1
37 - 45	3	2	2	1	1	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.3	5.7	4.4	3.5	2.8									
Rge	S	M	M	L	L									
H	0.1	0.2	0.4	0.6	0.9									
V	3.6	2.4	1.8	1.5	1.3									

Coal (ts)	600	Oil (ts)	0
Engines	TE		
Boilers	12 Cylindrical		

Radius (nm/kts)	
3400	10

Search Radar
None
None

ASW MORTARS/ATW		
0		
0		

DEPTH CHARGES			
Rack	0		
Ammo	0		

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	20

45cm A115

Damage Class	G

Settings: 1,100/41; 2,200/36; 3,300/30

2 1 4 3

MINES: 0

RAPID FIRE BATTERIES

RF1	8	57mm/43			
Max Rg	7,500	15.0"		5	4
Eff Rg	3,375	6.8"		8	6

RF 12						
	Port	4	3	2	1	1
	Stbd	4	3	2	1	1
AA	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2	2	37mm/20			
Max Rg	2,200	4.4"		5	4
Eff Rg	990	2.0"		8	6

RF 5						
	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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Ammiraglio di St. Bon

TIER	DP
1/70	182
2/80	365
3/75	547
4/85	730
5/80	912
6/90	1076
7/85	1240
8/95	1404
9/90	1569
10	1733
10	1842

DP	1824								
KTS	18								

Engine Rm	2	18	10	0	0	0	0
Prop/Shaft	2	18	9	0	0	0	0
Boiler Rm	4	18	16	11	4	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13+ kt				
Increase	2.0	1.0				

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
5				

Fuel Code	BB1A

ARMOR	0.78	Actual
1H DECK	2.2	2.8
2H TURRET	0.8	1.0
3H SUPERSTR	1.8	2.3
4V CON	7.6	9.8
5V BELT MID	7.6	9.8
6V BELT END	3.1	4.0
7V BARBETTE	7.6	9.8
8V TURRET	4.7	6.0
9V SUPERSTR	3.0	3.9

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
SECONDARY BATTERY																					
																				B2D	Directed fire as range permits
																				B2L	Local control as range permits
																				B2P	Split fire
																				B2C	Change target
																				B2B	Barrage fire as range permits
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Emanuele Filberto

BB ITALY 1902 to 1908

1401-0 AMMIRAGLIO DI ST. BON Class

Displacement	9,645 ts	*Length*	367 ft	Castellammare Naval Yard, Naples	
Complement	565	*Beam*	69 ft	*Launched*	09/29/1897
Stricken 03/29/1920		*Draft*	23.8 ft	*Completed*	04/16/1902

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

4 x 254mm/40 M1899 — 31

Max ROF	Range	Shell Size/Weight
2.0 sh/min	19,675 yds 39.4"	10.0" 452.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	14	8	8	5	6	4	5	3
10 - 18	9	6	6	3	4	2	3	2
19 - 27	7	4	4	3	3	2	3	2
28 - 36	6	4	4	2	3	2	2	1
37 - 45	5	3	3	2	2	1	2	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	4.0	4.0	4.0	4.0	3.7	3.1	2.5	2.0	1.7					
Rge	S	S	S	M	M	L	L	E	E					
H	0.3	0.5	0.6	0.8	1.0	1.3	2.1	3.3	4.0					
V	11.5	9.2	7.3	5.8	4.9	4.2	3.6	3.0	2.7					

8 x 152mm/40 M1899 — 16

Max ROF	Range	Shell Size/Weight
6.0 sh/min	10,442 yds 20.9"	6.0" 100.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	200 rpg	1600

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	6	7	4	5	3	4	2
10 - 18	7	4	4	3	3	2	2	1
19 - 27	6	3	3	2	2	1	2	1
28 - 36	5	3	3	2	2	1	2	1
37 - 45	4	2	3	2	2	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.5	6.1	4.9	3.9	3.2	3.1								
Rge	S	S	M	M	L	L								
H	0.1	0.3	0.4	0.7	0.9	1.0								
V	5.8	4.2	3.1	2.5	2.2	2.1								

8 x 120mm/40 M1891 — 12

Max ROF	Range	Shell Size/Weight
5.0 sh/min	9,757 yds 19.5"	4.7" 45.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2X1	None		COM	HE

AA	0.0	Level	S	Ammunition	250 rpg	2000

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	8	5	5	3	4	2	3	2
10 - 18	5	3	3	2	2	1	2	1
19 - 27	4	3	3	2	2	1	2	1
28 - 36	4	2	2	1	2	1	1	1
37 - 45	3	2	2	1	1	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.3	5.7	4.4	3.5	2.8									
Rge	S	M	M	L	L									
H	0.1	0.2	0.4	0.6	0.9									
V	3.6	2.4	1.8	1.5	1.3									

Coal (ts)	600	Oil (ts)	0
Engines	TE		
Boilers	12 Cylindrical		

Radius (nm/kts)	
3400	10

Search Radar
None
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
0			Ammo	0		

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

2 1 4 3

TORPEDOES

TT	4	Ammo	20

45cm A110-450

Damage Class	H

Settings: 2,150/34

MINES

0			

RAPID FIRE BATTERIES

RF1	6	76mm/40 M1897			
Max Rg	9,290	18.6"		5	4
Eff Rg	4,181	8.4"		8	6

RF						
17	Port	3	2	2	1	0
	Stbd	3	2	2	1	0
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF2	8	47mm/50			
Max Rg	5,600	11.2"		5	4
Eff Rg	2,520	5.0"		8	6

RF						
8	Port	4	3	2	1	1
	Stbd	4	3	2	1	1
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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TIER	DP
1/70	178
2/80	357
3/75	535
4/85	714
5/80	892
6/90	1053
7/85	1213
8/95	1374
9/90	1534
10	1695
10	1802

DP	1784								
KTS	18								

Engine Rm	2	18	10	0	0	0	0
Prop/Shaft	2	18	9	0	0	0	0
Boiler Rm	4	18	16	11	4	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13+ kt				
Increase	2.0	1.0				

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
4				

Fuel Code	BB1A

ARMOR	0.78	Actual
1H DECK	2.2	2.8
2H TURRET	0.8	1.0
3H SUPERSTR	1.8	2.3
4V CON	7.6	9.8
5V BELT MID	7.6	9.8
6V BELT END	3.1	4.0
7V BARBETTE	7.6	9.8
8V TURRET	4.7	6.0
9V SUPERSTR	3.0	3.9

Emanuele Filberto

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
SECONDARY BATTERY																					
																				B2D	Directed fire as range permits
																				B2L	Local control as range permits
																				B2P	Split fire
																				B2C	Change target
																				B2B	Barrage fire as range permits
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Emanuele Filberto

BB ITALY 1909 to 1920

1401-1 AMMIRAGLIO DI ST. BON Class

Displacement	9,645 ts	*Length*	367 ft	Castellammare Naval Yard, Naples	
Complement	565	*Beam*	69 ft	*Launched*	09/29/1897
Stricken 03/29/1920		*Draft*	23.8 ft	*Completed*	04/16/1902

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

4 x 254mm/40 M1899 — 32

Max ROF	Range	Shell Size/Weight
2.0 sh/min	25,488 yds 51.0"	10.0" 496.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1Q2	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	14	9	9	6	7	4	6	4
10 - 18	10	6	7	4	5	3	4	3
19 - 27	8	5	5	3	4	3	3	2
28 - 36	7	4	5	3	3	2	3	2
37 - 45	6	4	4	3	3	2	3	2

APC — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	4.0	4.0	4.0	4.0	4.0	3.6	2.9	2.4	2.0	1.7	1.5			
Rge	S	S	S	M	M	M	M	L	L	E	E			
H	0.2	0.4	0.6	0.8	1.0	1.3	1.6	2.1	3.0	4.4	5.1			
V	12.5	10.9	9.5	8.2	7.1	6.2	5.2	4.8	4.5	4.4	4.5			

8 x 152mm/40 M1899 — 17

Max ROF	Range	Shell Size/Weight
6.0 sh/min	11,410 yds 22.8"	6.0" 103.6 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q1	None		COM	HE

AA	0.0	Level	S	Ammunition	200 rpg	1600

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	6	7	4	5	3	4	2
10 - 18	7	4	4	3	3	2	2	1
19 - 27	6	3	3	2	2	1	2	1
28 - 36	5	3	3	2	2	1	2	1
37 - 45	4	2	3	2	2	1	1	1

CPC — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.6	6.2	5.0	4.1	3.4	3.0								
Rge	S	S	M	M	L	L								
H	0.1	0.2	0.3	0.5	0.7	0.9								
V	4.0	3.0	2.3	1.8	1.8	1.7								

8 x 120mm/40 M1891 — 12

Max ROF	Range	Shell Size/Weight
5.0 sh/min	9,757 yds 19.5"	4.7" 45.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2X1	None		COM	HE

AA	0.0	Level	S	Ammunition	250 rpg	2000

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	8	5	5	3	4	2	3	2
10 - 18	5	3	3	2	2	1	2	1
19 - 27	4	3	3	2	2	1	2	1
28 - 36	4	2	2	1	2	1	1	1
37 - 45	3	2	2	1	1	1	1	1

AP — PENETRATION TABLE

Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.3	5.7	4.4	3.5	2.8									
Rge	S	M	M	L	L									
H	0.1	0.2	0.4	0.6	0.9									
V	3.6	2.4	1.8	1.5	1.3									

Coal (ts)	600	Oil (ts)	0
Engines	TE		
Boilers	12 Cylindrical		

Radius (nm/kts)	
3400	10

Search Radar
None
None

ASW MORTARS/ATW		
0		
0		

DEPTH CHARGES			
Rack	0		
Ammo	0		

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	20

45cm A115

Damage Class	G

Settings

1,100/41

2,200/36

3,300/30

2 1 4 3

MINES

0			

RAPID FIRE BATTERIES

RF1	6	76mm/40 M1897			
Max Rg	9,290	18.6"		5	4
Eff Rg	4,181	8.4"		8	6

RF						
17	Port	3	2	2	1	0
	Stbd	3	2	2	1	0
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF2	8	47mm/50			
Max Rg	5,600	11.2"		5	4
Eff Rg	2,520	5.0"		8	6

RF						
8	Port	4	3	2	1	1
	Stbd	4	3	2	1	1
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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TIER	DP
1/70	178
2/80	357
3/75	535
4/85	714
5/80	892
6/90	1053
7/85	1213
8/95	1374
9/90	1534
10	1695
10	1802

DP	1784								
KTS	18								

Engine Rm	2	18	10	0	0	0	0
Prop/Shaft	2	18	9	0	0	0	0
Boiler Rm	4	18	16	11	4	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13+ kt				
Increase	2.0	1.0				

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
4				

Fuel Code	BB1A

ARMOR	0.78	Actual
1H DECK	2.2	2.8
2H TURRET	0.8	1.0
3H SUPERSTR	1.8	2.3
4V CON	7.6	9.8
5V BELT MID	7.6	9.8
6V BELT END	3.1	4.0
7V BARBETTE	7.6	9.8
8V TURRET	4.7	6.0
9V SUPERSTR	3.0	3.9

Emanuele Filberto

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
SECONDARY BATTERY																					
																				B2D	Directed fire as range permits
																				B2L	Local control as range permits
																				B2P	Split fire
																				B2C	Change target
																				B2B	Barrage fire as range permits
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity