Mahratta

DD GREAT BRITAIN 1943 to 1944

6396-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Scotts	
Complement	221	*Beam*	37 ft	*Launched*	07/28/1942
Lost 02/25/1944		*Draft*	10 ft	*Completed*	04/08/1943

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI — 13

Max ROF	Range	Shell Size/Weight
9.0 sh/min	21,240 yds 42.5"	4.7" 62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

SAPC — 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
None
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Mahratta

TIER	DP
1/70	80
2/80	159
3/75	239
4/85	318
5/80	398
6/90	470
7/85	541
8/95	613
9/90	685
10	756
10	804

DP	796
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
RF BATTERY																					
																				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

Marne

DD GREAT BRITAIN 1941 to 1944

6397-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Parsons MST	
Complement	221	*Beam*	37 ft	*Launched*	10/30/1940
To Turkey 08/16/1957		*Draft*	10 ft	*Completed*	12/02/1941

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI 13

Max ROF	Range	Shell Size/Weight
9.0 sh/min	21,240 yds 42.5"	4.7" 62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

SAPC — 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
286M
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Marne

TIER	DP
1/70	80
2/80	159
3/75	239
4/85	318
5/80	398
6/90	470
7/85	541
8/95	613
9/90	685
10	756
10	804

DP	796
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		2

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
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																				AX	Battle Stations!
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																				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
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ILLUMINATION AND EVASION																					
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																				KX	Lay smoke
																				IS ##	Illuminate using starshell
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TORPEDO AND AIRCRAFT																					
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PRIMARY BATTERY																					
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RF BATTERY																					
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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

Martin

DD GREAT BRITAIN 1941 to 1942

6398-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Parsons MST	
Complement	221	*Beam*	37 ft	*Launched*	10/30/1940
Lost 11/10/1942		*Draft*	10 ft	*Completed*	12/02/1941

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI — 13

Max ROF	Range	Shell Size/Weight
9.0 sh/min	21,240 yds 42.5"	4.7" 62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

SAPC — 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

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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Rack	2		
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8/95	613
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DP	796								
KTS	36								

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
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7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

Martin

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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
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TO 15	2 Segments*
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86-95	+30 to severity
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ROLL	EFECT ON FIRE
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Matchless

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6399-0 M Class

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To Turkey 08/16/1957		*Draft*	10 ft	*Completed*	02/26/1942

SEEKRIEG 5

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Version 2/14/2009

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ROF	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA V	Port	1	1	1	0	0
	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA L	Port	7	6	4	2	1
	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
None
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Matchless

TIER	DP
1/70	80
2/80	159
3/75	239
4/85	318
5/80	398
6/90	470
7/85	541
8/95	613
9/90	685
10	756
10	804

DP	796
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
RF BATTERY																					
																				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

Meteor

DD GREAT BRITAIN 1942 to 1944

6400-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Stephen	
Complement	221	*Beam*	37 ft	*Launched*	11/03/1941
To Turkey 08/16/1957		*Draft*	10 ft	*Completed*	08/12/1942

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI 13

Max ROF		Range		Shell Size/Weight	
9.0	sh/min	21,240 yds	42.5"	4.7"	62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

SAPC — 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
None
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Meteor

TIER	DP
1/70	80
2/80	159
3/75	239
4/85	318
5/80	398
6/90	470
7/85	541
8/95	613
9/90	685
10	756
10	804

DP	796
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
RF BATTERY																					
																				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

Milne

DD GREAT BRITAIN 1942 to 1944

6395-0 M Class

Displacement	1,935 ts	*Length*	354 ft	Scotts	
Complement	221	*Beam*	37 ft	*Launched*	12/30/1941
To Turkey 08/16/1957		*Draft*	10 ft	*Completed*	08/06/1942

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI 13

Max ROF	Range	Shell Size/Weight
9.0 sh/min	21,240 yds 42.5"	4.7" 62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

PENETRATION TABLE

SAPC 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA V	Port	1	1	1	0	0
	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA L	Port	7	6	4	2	1
	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
None
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Milne

TIER	DP
1/70	80
2/80	160
3/75	240
4/85	320
5/80	400
6/90	471
7/85	543
8/95	615
9/90	687
10	759
10	807

DP	799
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
RF BATTERY																					
																				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

Musketeer

DD GREAT BRITAIN 1942 to 1944

6401-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Fairfield	
Complement	221	*Beam*	37 ft	*Launched*	12/02/1941
BU 12/06/1955		*Draft*	10 ft	*Completed*	09/18/1942

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI — 13

Max ROF		Range		Shell Size/Weight	
9.0	sh/min	21,240 yds	42.5"	4.7"	62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

SAPC — 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

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

Coal (ts)	0	Oil (ts)	567
Engines	2 Parsons GT		
Boilers	2 Admiralty 3-drum		

Radius (nm/kts)	
5500	15

Search Radar
None
None

ASW MORTARS/ATW		
2		

DEPTH CHARGES			
Rack	2		
Ammo	45		

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Musketeer

TIER	DP
1/70	80
2/80	159
3/75	239
4/85	318
5/80	398
6/90	470
7/85	541
8/95	613
9/90	685
10	756
10	804

DP	796
KTS	36

Engine Rm	1	36	0	0	0	0	0
Prop/Shaft	2	36	18	0	0	0	0
Boiler Rm	2	36	22	0	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
1	
Searchlights	
Port	Stbd

Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt	
Increase	13.0	9.0	6.0	3.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
2				

Fuel Code	DD5C

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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
RF BATTERY																					
																				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

Myrmidon (Orkan)

DD GREAT BRITAIN 1942 to 1942

6402-0 M Class

Displacement	1,920 ts	*Length*	354 ft	Fairfield	
Complement	221	*Beam*	37 ft	*Launched*	03/02/1942
To Poland 12/00/1942		*Draft*	10 ft	*Completed*	12/05/1942

SEEKRIEG 5

SHIP LOG SHEET

Version 2/14/2009

6 x 4.7"/50 QF Mk XI 13

Max ROF	Range	Shell Size/Weight
9.0 sh/min	21,240 yds 42.5"	4.7" 62.0 lbs.

Fire Control			FC Radar	+ 1	AP	SAP
1		1G3	285		COM	HE

AA	2.6	Level	V	Ammunition	250 rpg	1500

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

PENETRATION TABLE

SAPC 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	7.7	6.5	5.4	4.6	3.8	3.2	2.5	2.0	1.5	1.4				
Rge	S	S	S	M	M	L	L	E	E	E				
H	0.1	0.1	0.2	0.3	0.4	0.6	1.0	1.6	2.3	2.4				
V	7.1	5.8	4.5	3.5	2.7	1.8	1.7	1.6	1.1	0.8				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	4

21" Mk IX

Damage Class	C

Settings

10,500/36

13,500/30

MINES

RAPID FIRE BATTERIES

RF1	1	4"/45 QF MkV HA			
Max Rg	16,500	33.0"	9	7	
Eff Rg	7,425	14.9"	13	10	

RF						
31	Port	1	0	0	0	0
	Stbd	1	0	0	0	0
AA	Port	1	1	1	0	0
V	Stbd	1	1	1	0	0

RF2	2	20mm/70 Mk II			
Max Rg	3,800	7.6"	7	5	
Eff Rg	1,710	3.4"	11	8	

RF						
4	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	7	6	4	2	1
L	Stbd	7	6	4	2	1

RF3		None		
Max Rg				
Eff Rg				

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

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Standard Turn	
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Emergency Turn	
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