Erin

BB GREAT BRITAIN 1914 to 1916

2664-0 ERIN Class

Displacement	22,780 ts	*Length*	553 ft	Vickers	
Complement	1070	*Beam*	92 ft	*Launched*	09/03/1913
Sold 12/19/1922		*Draft*	28.5 ft	*Completed*	08/00/1914

SEEKRIEG 5

SHIP LOG SHEET

Version 2/16/2009

10 x 13.5"/45 Mk VI

48

Max ROF	Range	Shell Size/Weight
1.8 sh/min	23,110 yds 46.2"	13.5" 1400.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1N2	None		COM	HE

AA	0.0	Level	S	Ammunition	80 rpg	800

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	16	10	12	7	9	6	8	5
10 - 18	11	7	8	5	7	4	6	4
19 - 27	9	6	7	4	5	3	5	3
28 - 36	8	5	6	4	5	3	4	2
37 - 45	7	5	5	3	4	3	4	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	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	2.1				
Rge	S	S	S	S	M	M	M	M	L	L				
H	0.5	0.9	1.3	1.6	1.9	2.1	2.5	2.8	3.4	4.1				
V	22.9	20.1	17.6	15.4	13.5	11.9	10.1	8.7	7.6	7.4				

16 x 6"/50 BL Mk XVI

16

Max ROF	Range	Shell Size/Weight
6.0 sh/min	14,640 yds 29.3"	6.0" 100.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q2	None		COM	HE

AA	0.0	Level	S	Ammunition	150 rpg	2400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	7	7	5	5	3	4	3
10 - 18	8	5	5	3	4	2	3	2
19 - 27	6	4	4	3	3	2	3	2
28 - 36	5	3	4	2	3	2	2	1
37 - 45	5	3	3	2	2	2	2	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	7.9	6.7	5.7	4.7	3.9	3.3	2.6							
Rge	S	S	S	M	M	L	L							
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0							
V	5.3	4.4	3.3	2.4	1.9	1.8	1.6							

Coal (ts)	2120	Oil (ts)	710	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	Parsons turbines			5300	10	None		Rack	
Boilers	15 B&W					None		Ammo	

Crew	Sea	BR	Targ Sz	Ops
			2	

AIRCRAFT

Aircraft	0			Catapult	0	

2 1 4 3

TORPEDOES

TT	4	Ammo	20

21" Mk I

Damage Class	F

Settings

3,000/45

7,000/30

MINES

RAPID FIRE BATTERIES

RF1	6	6pdr 8cwt QF Mk I,II			
Max Rg	8,700	17.4"	5	4	
Eff Rg	3,915	7.8"	8	6	

RF						
12	Port	3	2	2	1	0
	Stbd	3	2	2	1	0
AA	Port	5	4	3	2	1
L	Stbd	5	4	3	2	1

RF2		None
Max Rg		
Eff Rg		

RF						
0	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

Laid down as Turkish Reshadieh.

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

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TIER	DP
1/70	274
2/80	548
3/75	823
4/85	1097
5/80	1371
6/90	1618
7/85	1865
8/95	2111
9/90	2358
10	2605
10	2769

DP	2742
KTS	21

Engine Rm	2	21	12	0	0	0	0
Prop/Shaft	4	21	18	11	3	0	0
Boiler Rm	3	21	17	8	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
2	
Searchlights	
Port	Stbd

Speed	00-10 kt	11-14 kt	15+ kt			
Increase	3.0	2.0	1.0			

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
7				

Fuel Code	BB2D

ARMOR	0.85	Actual
1H DECK	2.1	2.5
2H TURRET	3.4	4.0
3H SUPERSTR	2.5	3.0
4V CON	10.2	12.0
5V BELT MID	10.2	12.0
6V BELT END	5.1	6.0
7V BARBETTE	8.5	10.0
8V TURRET	9.4	11.0
9V SUPERSTR	4.2	4.9

Erin

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
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

Erin

BB GREAT BRITAIN 1916 to 1918

2664-1 ERIN Class

Displacement	22,780 ts	*Length*	553 ft	Vickers	
Complement	1070	*Beam*	92 ft	*Launched*	09/03/1913
Sold 12/19/1922		*Draft*	28.5 ft	*Completed*	08/00/1914

SEEKRIEG 5

SHIP LOG SHEET

Version 2/16/2009

10 x 13.5"/45 Mk VI — 48

Max ROF	Range	Shell Size/Weight
1.8 sh/min	23,110 yds 46.2"	13.5" 1400.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		1J2	None		COM	HE

AA	0.0	Level	S	Ammunition	80 rpg	800

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	19	12	14	9	11	7	9	6
10 - 18	13	8	10	6	8	5	7	4
19 - 27	11	7	8	5	6	4	5	3
28 - 36	9	6	7	4	5	3	5	3
37 - 45	8	5	6	4	5	3	4	3

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	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	2.1				
Rge	S	S	S	S	M	M	M	M	L	L				
H	0.5	0.9	1.3	1.6	1.9	2.1	2.5	2.8	3.4	4.1				
V	22.9	20.1	17.6	15.4	13.5	11.9	10.1	8.7	7.6	7.4				

16 x 6"/50 BL Mk XVI — 16

Max ROF	Range	Shell Size/Weight
6.0 sh/min	14,640 yds 29.3"	6.0" 100.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2Q2	None		COM	HE

AA	0.0	Level	S	Ammunition	150 rpg	2400

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	11	7	7	5	5	3	4	3
10 - 18	8	5	5	3	4	2	3	2
19 - 27	6	4	4	3	3	2	3	2
28 - 36	5	3	4	2	3	2	2	1
37 - 45	5	3	3	2	2	2	2	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	7.9	6.7	5.7	4.7	3.9	3.3	2.6							
Rge	S	S	S	M	M	L	L							
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0							
V	5.3	4.4	3.3	2.4	1.9	1.8	1.6							

Coal (ts)	2120	Oil (ts)	710	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	Parsons turbines			5300	10	None		Rack	
Boilers	15 B&W					None		Ammo	

Crew	Sea	BR	Targ Sz	Ops
			2	

AIRCRAFT

Aircraft	0			Catapult	0	

TORPEDOES

TT	4	Ammo	20

21" Mk II***

Damage Class: E

Settings: 4,000/45; 10,700/30

MINES

2 1 4 3

RAPID FIRE BATTERIES

RF1	6	6pdr 8cwt QF Mk I,II			
Max Rg	8,700	17.4"	5	4	
Eff Rg	3,915	7.8"	8	6	

RF						
12	Port	3	2	2	1	0
	Stbd	3	2	2	1	0
AA	Port	5	4	3	2	1
L	Stbd	5	4	3	2	1

RF2		None
Max Rg		
Eff Rg		

RF						
0	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

Laid down as Turkish Reshadieh. FC directors installed July 1916.

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

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TIER	DP
1/70	274
2/80	548
3/75	823
4/85	1097
5/80	1371
6/90	1618
7/85	1865
8/95	2111
9/90	2358
10	2605
10	2769

DP	2742
KTS	21

Engine Rm	2	21	12	0	0	0	0
Prop/Shaft	4	21	18	11	3	0	0
Boiler Rm	3	21	17	8	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
2	
Searchlights	
Port	Stbd

Speed	00-10 kt	11-14 kt	15+ kt			
Increase	3.0	2.0	1.0			

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
7				

Fuel Code	BB2D

ARMOR	0.85	Actual
1H DECK	2.1	2.5
2H TURRET	3.4	4.0
3H SUPERSTR	2.5	3.0
4V CON	10.2	12.0
5V BELT MID	10.2	12.0
6V BELT END	5.1	6.0
7V BARBETTE	8.5	10.0
8V TURRET	9.4	11.0
9V SUPERSTR	4.2	4.9

Erin

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
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

Erin

BB GREAT BRITAIN 1918 to 1921

2664-2 ERIN Class

Displacement	22,780 ts	*Length*	553 ft	Vickers	
Complement	1070	*Beam*	92 ft	*Launched*	09/03/1913
Sold 12/19/1922		*Draft*	28.5 ft	*Completed*	08/00/1914

SEEKRIEG 5

SHIP LOG SHEET

Version 2/16/2009

10 x 13.5"/45 Mk VI — 48

Max ROF	Range	Shell Size/Weight
1.8 sh/min	23,110 yds 46.2"	13.5" 1400.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		1G2	None		COM	HE

AA	0.0	Level	S	Ammunition	80 rpg	800

FIRE CONTROL TABLE								
T Kts	Short		Medium		Long		Extreme	
0 - 9	21	13	15	10	12	8	10	7
10 - 18	15	9	11	7	9	5	7	5
19 - 27	12	8	9	6	7	4	6	4
28 - 36	10	7	7	5	6	4	5	3
37 - 45	9	6	7	4	5	3	5	3

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	3.6	3.6	3.6	3.6	3.6	3.6	3.2	2.7	2.3	2.1				
Rge	S	S	S	S	M	M	M	M	L	L				
H	0.5	0.9	1.3	1.6	1.9	2.1	2.5	2.8	3.4	4.1				
V	22.9	20.1	17.6	15.4	13.5	11.9	10.1	8.7	7.6	7.4				

16 x 6"/50 BL Mk XVI — 16

Max ROF	Range	Shell Size/Weight
6.0 sh/min	14,640 yds 29.3"	6.0" 100.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2J2	None		COM	HE

AA	0.0	Level	S	Ammunition	150 rpg	2400

FIRE CONTROL TABLE								
T Kts	Short		Medium		Long		Extreme	
0 - 9	15	9	11	7	8	5	7	5
10 - 18	10	7	7	5	6	4	5	3
19 - 27	9	5	6	4	5	3	4	3
28 - 36	7	5	5	3	4	3	4	2
37 - 45	7	4	5	3	4	2	3	2

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	7.9	6.7	5.7	4.7	3.9	3.3	2.6							
Rge	S	S	S	M	M	L	L							
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0							
V	5.3	4.4	3.3	2.4	1.9	1.8	1.6							

Coal (ts)	2120	Oil (ts)	710	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	Parsons turbines			5300	10	None		Rack	
Boilers	15 B&W					None		Ammo	

Crew	Sea	BR	Targ Sz	Ops
			2	

AIRCRAFT

Aircraft	2			Catapult	0	
Pup				1	0	19
96 kts	75 kts		17500 ft			

2 1 4 3

TORPEDOES

TT	4	Ammo	20

21" Mk IV

Damage Class	E

Settings: 8,000/35; 10,000/29; 13,500/25

MINES

RAPID FIRE BATTERIES

RF1	2	3.0"/45 20cwt QF			
Max Rg	10,900	21.8"		5	4
Eff Rg	4,905	9.8"		8	6

RF						
18	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
AA	Port	2	2	1	1	0
H	Stbd	2	2	1	1	0

RF2	6	6pdr 8cwt QF Mk I,II			
Max Rg	8,700	17.4"		5	4
Eff Rg	3,915	7.8"		8	6

RF						
12	Port	3	2	2	1	0
	Stbd	3	2	2	1	0
AA	Port	5	4	3	2	1
L	Stbd	5	4	3	2	1

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

1918: 2 flying off platforms provided (B and Q turret). Sopwith Pup and 1-1/2 Strutter carried.

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

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TIER	DP
1/70	274
2/80	548
3/75	823
4/85	1097
5/80	1371
6/90	1618
7/85	1865
8/95	2111
9/90	2358
10	2605
10	2769

DP	2742
KTS	21

Engine Rm	2	21	12	0	0	0	0
Prop/Shaft	4	21	18	11	3	0	0
Boiler Rm	3	21	17	8	0	0	0
			0	0	0	0	0

Standard Turn	
60	
Emergency Turn	
90	

Target Sz	
2	
Searchlights	
Port	Stbd

Speed	00-10 kt	11-14 kt	15+ kt			
Increase	3.0	2.0	1.0			

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
7				

Fuel Code	BB2D

ARMOR	0.85	Actual
1H DECK	2.1	2.5
2H TURRET	3.4	4.0
3H SUPERSTR	2.5	3.0
4V CON	10.2	12.0
5V BELT MID	10.2	12.0
6V BELT END	5.1	6.0
7V BARBETTE	8.5	10.0
8V TURRET	9.4	11.0
9V SUPERSTR	4.2	4.9

Erin

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
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