



# Gurkha (Larne)

DD GREAT BRITAIN

1284-0 L Class

1941 to 1942

Displacement  
Complement  
Lost 01/17/1942

1,920 ts  
221

Length 354 ft  
Beam 37 ft  
Draft 10 ft

Cammell Laird  
Launched 07/08/1940  
Completed 02/18/1941



## SHIP LOG SHEET

Version 2/14/2009

8 x 4"/45 QF MkXVI HA

10

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

Max ROF 18.0 sh/min		Range 19,850 yds 39.7"		Shell Size/Weight 4.0" 35.0 lbs.	
Fire Control 1 1G3		FC Radar 285 + 1		AP SAP COM HE	
AA	2.8	Level	V	Ammunition	250 rpg 2000

SAPBC	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	7.8	6.5	5.4	4.5	3.7	3.1	2.4	1.9	1.4					
Rge	S	S	S	M	M	L	L	E	E					
H	0.1	1.4	0.2	0.2	0.3	0.4	0.7	1.1	1.4					
V	6.1	4.8	3.6	2.6	2.1	1.5	1.4	1.4	1.6					

Crew	Sea	BR	Targ Sz	Ops
			1	

Captain

### AIRCRAFT

Aircraft	0	Catapult	0
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### TORPEDOES

TT	8	Ammo	8
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21" Mk IX

Damage Class C

#### Settings

10,500/36

13,500/30

### MINES

1  
2

### RAPID FIRE BATTERIES

<b>RF1</b>	<b>2</b>	<b>20mm/70 Mk II</b>				
Max Rg	3,800	7.6"	7	5		
Eff Rg	1,710	3.4"	11	8		
<b>RF</b>	Port	1	1	1	0	0
	Stbd	1	1	1	0	0
<b>AA</b>	Port	7	6	4	2	1
	Stbd	7	6	4	2	1

<b>RF2</b>	<b>None</b>				
Max Rg					
Eff Rg					

<b>RF</b>	Port					
<b>0</b>	Stbd					
<b>AA</b>	Port					
	Stbd					

<b>RF3</b>	<b>None</b>				
Max Rg					
Eff Rg					

<b>RF</b>	Port					
	Stbd					
<b>AA</b>	Port					
	Stbd					

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

Coal (ts)	0	Oil (ts)	567	Radius (nm/mts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES		
Engines	2 Parsons GT			5500	15	286M		2		Rack	2	
Boilers	2 Admiralty 3-drum					None				Ammo	110	

TIER	DP	DP	796									
1/70	80	KTS	36									
2/80	159	Engine Rm	1	36	0	0	0	0	0	0	Standard Turn	Target Sz
3/75	239	Prop/Shaft	2	36	18	0	0	0	0	0	60	1
4/85	318	Boiler Rm	2	36	22	0	0	0	0	0	Emergency Turn	Searchlights
5/80	398										90	Port Stbd
6/90	470											
7/85	541	Speed	00-12 kt	13-21 kt	22-27 kt	28-30 kt	31+ kt					Crew
8/95	613	Increase	13.0	9.0	6.0	3.0	1.0					
9/90	685											
10	756	Bridge Command Rating										
10	804	Flag Command Rating										
		Damage Control (DCR)	2									

Fuel Code	DD5C		
<b>ARMOR</b>	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
<b>COURSE AND SPEED</b>																						
																					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
<b>ILLUMINATION AND EVASION</b>																						
																					EX	Evasive action
																					KX	Lay smoke
																					IS ##	Illuminate using starshell
																					IL #	Illuminate using searchlight
<b>TORPEDO AND AIRCRAFT</b>																						
																					TR (X)	Prepare to launch torpedoes to (X)
																					TL (X)	Launch torpedoes to (X)
																					VL	Prepare to launch aircraft
																					VX	Launch aircraft
<b>PRIMARY BATTERY</b>																						
																					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
<b>RF BATTERY</b>																						
																					R5B	Barrage fire as range permits
																					R6B	Barrage fire as range permits
																					R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS																	TURNING SEGMENTS				
KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	DEG OF TURN	SEGMENTS
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	TO 15	2 Segments*
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	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		DAMAGE CONTROL	
ROLL	EFFECT ON FIRE	ROLL	EFFECT ON FIRE
01-03	-20 from severity	01-05	Fire extinguished
04-12	-10 from severity	06-15	-30 from severity
13-50	No change	16-45	-20 from severity
51-85	+10 to severity	46-75	-10 from severity
86-95	+30 to severity	76-90	No change
96-00	+40 to severity	91-00	+10 to severity

















**Lightning**  
 DD GREAT BRITAIN  
 1286-0 L Class

1941 to 1943

Displacement  
 Complement  
 Lost 03/12/1943

1,920 ts  
 221

Length 354 ft  
 Beam 37 ft  
 Draft 10 ft  
 Hawthorn Leslie  
 Launched 04/22/1940  
 Completed 05/28/1941



**SHIP LOG SHEET**

Version 2/14/2009



6 x 4.7"/50 QF Mk XI

13

Max ROF 9.0 sh/min		Range 21,240 yds 42.5"		Shell Size/Weight 4.7" 62.0 lbs.	
Fire Control 1 1G3		FC Radar 285		AP SAP 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
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TORPEDOES	
TT	4 Ammo 4
21" Mk IX	
Damage Class	C
Settings	
10,500/36	
13,500/30	
MINES	

RAPID FIRE BATTERIES

<b>RF1</b>	1	4"/45 QF MkV HA					
Max Rg	16,500	33.0"	7	5			
Eff Rg	7,425	14.9"	11	8			
RF	Port	1	0	0	0	0	
	Stbd	1	0	0	0	0	
AA	Port	1	1	1	0	0	
	Stbd	1	1	1	0	0	

<b>RF2</b>	None						
Max Rg							
Eff Rg							
RF	Port						
	Stbd						
AA	Port						
	Stbd						

<b>RF3</b>	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	Radius (nm/kts)	5500 15	Search Radar	286M	ASW MORTARS/ATW	2	DEPTH CHARGES	Rack 2		
Engines	2 Parsons GT						None			Ammo	45		
Boilers	2 Admiralty 3-drum												







**Lookout**

DD GREAT BRITAIN

1942 to 1944

1287-0 L Class

Displacement  
Complement  
Sold 01/06/19481,920 ts  
221Length  
Beam  
Draft354 ft  
37 ft  
10 ftScotts  
Launched  
Completed11/04/1940  
01/30/1942**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	IG3	285		COM	HE				

AA	2.6	Level	V	Ammunition	250 rpg	1500
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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						
<b>RF1</b>	1	<b>4"/45 QF MkV HA</b>				
Max Rg	16,500	33.0"	7	5		
Eff Rg	7,425	14.9"	11	8		
<b>RF</b>	Port	1	0	0	0	0
<b>31</b>	Stbd	1	0	0	0	0
<b>AA</b>	Port	1	1	1	0	0
<b>V</b>	Stbd	1	1	1	0	0

<b>RF2</b>	4	<b>20mm/70 Mk II</b>				
Max Rg	3,800	7.6"	7	5		
Eff Rg	1,710	3.4"	11	8		
<b>RF</b>	Port	2	2	1	1	0
<b>4</b>	Stbd	2	2	1	1	0
<b>AA</b>	Port	14	11	8	5	2
<b>L</b>	Stbd	14	11	8	5	2

<b>RF3</b>	<b>None</b>					
Max Rg						
Eff Rg						

<b>RF</b>	Port					
	Stbd					
<b>AA</b>	Port					
	Stbd					

Captain

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

Coal (ts)	0	Oil (ts)	567	Radius (nm/kts)			Search Radar			ASW MORTARS/ATW			DEPTH CHARGES		
Engines	2 Parsons GT			5500	15		290			2			Rack	2	
Boilers	2 Admiralty 3-drum						None						Ammo	45	





# Loyal

DD GREAT BRITAIN 1942 to 1944  
1290-0 L Class

Displacement  
Complement  
BU 08/05/1948

1,920 ts  
221

Length 354 ft | Beam 37 ft | Draft 10 ft  
Scotts Launched 10/08/1941  
Completed 10/31/1942



## 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		AP		SAP	
1	1G3	285					
				COM		HE	

AA	2.6	Level	V	Ammunition	250 rpg	1500
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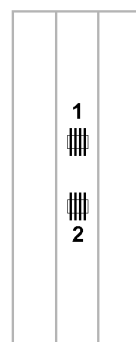
T Kts	Short	Medium	Long	Extreme				
0 - 9	21	14	16	11	14	9	12	8
10 - 18	16	11	12	8	11	7	9	6
19 - 27	14	9	11	7	9	6	8	5
28 - 36	12	8	9	6	8	5	7	5
37 - 45	11	7	9	6	7	5	7	4

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
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### TORPEDOES

TT	8	Ammo	8
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21" Mk IX

Damage Class	C
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### Settings

10,500/36

13,500/30

### MINES

### RAPID FIRE BATTERIES

RF1	4	20mm/70 Mk II				
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Max Rg	3,800	7.6"	7	5
Eff Rg	1,710	3.4"	11	8

RF	Port	2	2	1	1	0
4	Stbd	2	2	1	1	0

AA	Port	14	11	8	5	2
L	Stbd	14	11	8	5	2

RF2	None				
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Max Rg				
Eff Rg				

RF	Port				
0	Stbd				

AA	Port				
	Stbd				

RF3	None				
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Max Rg				
Eff Rg				

RF	Port				
	Stbd				

AA	Port				
	Stbd				

Coal (ts)	0	Oil (ts)	567	Radius (nm/kts)	Search Radar		ASW MORTARS/ATW		DEPTH CHARGES		
Engines	2 Parsons GT			5500	15	290		2	Rack	2	
Boilers	2 Admiralty 3-drum					None			Ammo	45	

