











**Kalinin**  
CA RUSSIA 1944 to 1945  
1997-1 MAKSIM GORKY Class

Displacement 8,177 ts  
Complement 963  
Scrapped 1960

Length 627 ft  
Beam 58 ft  
Draft 20.8 ft  
Komsomolsk Yard  
Launched 05/08/1942  
Completed 12/31/1942



**SHIP LOG SHEET**

Version 3/6/2009



9 x 180mm/57 B1P 22

Max ROF		Range		Shell Size/Weight	
2.5	sh/min	41,340 yds	82.7"	7.1"	215.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	1G3	None		COM	HE
AA	0.0	Level	S	Ammunition	180 rpg 1620

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			

APCBC		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	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4	
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E	
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2	
V	14.7	13.4	12.2	11.0	9.9	8.9	7.5	6.3	5.3	3.8	3.6	3.4	3.3	3.4	

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT						
Aircraft	2	Catapult	1			
HD55 (KR-1)				0	1	21
105 kts	92 kts	13100 ft				

TORPEDOES			
TT	6	Ammo	12
53-39			
Damage Class	C		
Settings			
4,400/51			
8,800/39			
11,000/34			
MINES			
90			

**RAPID FIRE BATTERIES**

RF1	8	76.2mm/55 34-K			
Max Rg	9,800	19.6"	11	8	
Eff Rg	4,410	8.8"	14	11	

RF	Port	4	3	2	1	1
19	Stbd	4	3	2	1	1

AA	Port	9	7	5	3	1
V	Stbd	9	7	5	3	1

RF2	16	37mm/67 70-K			
Max Rg	9,000	18.0"	11	8	
Eff Rg	4,050	8.1"	14	11	

RF	Port	8	6	4	3	1
10	Stbd	8	6	4	3	1

AA	Port	64	52	35	21	10
M	Stbd	64	52	35	21	10

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Captain \_\_\_\_\_

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND	HITS
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Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	GT			3100	18	SG		0		Rack	0
Boilers	6 Yarrow-Normand					None		None		Ammo	0





# Maksim Gorky

CA RUSSIA 1940 to 1942  
1995-0 MAKSIM GORKY Class

Displacement  
Complement  
Scrapped 1958

8,177 ts Length 627 ft  
963 Beam 58 ft  
Draft 20.8 ft  
Ordzhonikidze Yard, Leningrad  
Launched 04/30/1938  
Completed 11/12/1940



## SHIP LOG SHEET

Version 3/6/2009



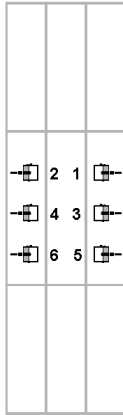
### 9 x 180mm/57 B1P

22

Max ROF		Range		Shell Size/Weight	
2.5	sh/min	41,340 yds	82.7"	7.1"	215.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	1K3	None		COM	HE
AA	0.0	Level	S	Ammunition	
				180 rpg	1620

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

APCBC		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	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4				
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E				
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2				
V	14.7	13.4	12.2	11.0	9.9	8.9	7.5	6.3	5.3	3.8	3.6	3.4	3.3	3.4				



### 6 x 100mm/56 B34

10

Max ROF		Range		Shell Size/Weight	
16.0	sh/min	24,323 yds	48.6"	3.9"	34.4 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2Q2	None		COM	HE
AA	2.6	Level	V	Ammunition	
				250 rpg	1500

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		

SAP		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	6.8	5.8	4.9	4.2	3.5	2.8	2.2	1.8	1.4	1.3								
Rge	S	S	S	S	M	M	L	L	E	E	E								
H	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.6	1.9	2.0								
V	6.1	5.0	4.0	3.1	2.4	1.9	1.6	1.3	1.1	0.6	0.5								

Crew	Sea	BR	Targ Sz	Ops
			1	

### AIRCRAFT

Aircraft	2	Catapult	1
HD55 (KR-1)		0 1 21	
105 kts	92 kts	13100 ft	

### TORPEDOES

TT	6	Ammo	12
53-38U			
Damage Class	B		
Settings			
4,400/45			
8,800/34			
11,000/30			
MINES			
90			

### RAPID FIRE BATTERIES

RF1	10	45mm/46 21-K			
Max Rg	10,000	20.0"	7	5	
Eff Rg	4,500	9.0"	11	8	

RF	Port	5	4	3	2	1
8	Stbd	5	4	3	2	1

AA	Port	10	8	5	3	1
H	Stbd	10	8	5	3	1

RF2	None					
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					

AA	Port					
	Stbd					

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)			Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	GT		4880	18	None		None		0	Rack	0	
Boilers	6 Yarrow-Normand				None		None		None	Ammo	0	





# Maksim Gorky

CA RUSSIA 1943 to 1945  
1995-1 MAKSIM GORKY Class

Displacement  
Complement  
Scrapped 1958

8,177 ts Length 627 ft  
963 Beam 58 ft  
Draft 20.8 ft  
Ordzhonikidze Yard, Leningrad  
Launched 04/30/1938  
Completed 11/12/1940



## SHIP LOG SHEET

Version 3/6/2009



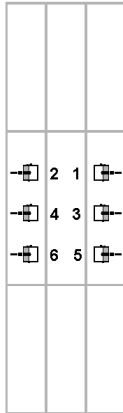
9 x 180mm/57 B1P

22

Max ROF		Range		Shell Size/Weight	
2.5	sh/min	41,340 yds	82.7"	7.1"	215.0 lbs.
Fire Control		FC Radar	+ 1	AP	SAP
2	1G3	284		COM	HE
AA	0.0	Level	S	Ammunition	180 rpg 1620

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		

APCBC		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	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4			
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E			
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2			
V	14.7	13.4	12.2	11.0	9.9	8.9	7.5	6.3	5.3	3.8	3.6	3.4	3.3	3.4			



6 x 100mm/56 B34

10

Max ROF		Range		Shell Size/Weight	
16.0	sh/min	24,323 yds	48.6"	3.9"	34.4 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2G3	None		COM	HE
AA	2.6	Level	V	Ammunition	250 rpg 1500

FIRE CONTROL TABLE										
T Kts	Short	Medium	Long	Extreme						
0 - 9	16	11	13	9	11	7	10	6		
10 - 18	12	8	10	6	8	5	7	5		
19 - 27	11	7	8	6	7	5	6	4		
28 - 36	9	6	7	5	6	4	5	4		
37 - 45	9	6	7	4	6	4	5	3		

SAP		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	6.8	5.8	4.9	4.2	3.5	2.8	2.2	1.8	1.4	1.3						
Rge	S	S	S	S	M	M	L	L	E	E	E						
H	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.6	1.9	2.0						
V	6.1	5.0	4.0	3.1	2.4	1.9	1.6	1.3	1.1	0.6	0.5						

Crew	Sea	BR	Targ Sz	Ops
			1	

### AIRCRAFT

Aircraft	2	Catapult	1
HD55 (KR-1)		0 1 21	
105 kts	92 kts	13100 ft	

### TORPEDOES

TT	6	Ammo	12
53-39			
Damage Class	C		
Settings			
4,400/51			
8,800/39			
11,000/34			
MINES			
90			

### RAPID FIRE BATTERIES

RF1	6	45mm/46 21-K		
Max Rg	10,000	20.0"	11	8
Eff Rg	4,500	9.0"	14	11

RF	Port	3	2	2	1	0
8	Stbd	3	2	2	1	0

AA	Port	6	5	3	2	1
H	Stbd	6	5	3	2	1

RF2	16	37mm/67 70-K		
Max Rg	9,000	18.0"	11	8
Eff Rg	4,050	8.1"	14	11

RF	Port	8	6	4	3	1
10	Stbd	8	6	4	3	1

AA	Port	64	52	35	21	10
M	Stbd	64	52	35	21	10

RF3	None					
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)	4880 18	Search Radar	281	ASW MORTARS/ATW	0	DEPTH CHARGES	Rack 0
Engines	GT					None		None		Ammo 0	
Boilers	6 Yarrow-Normand										





# Molotov

CA RUSSIA 1941 to 1942  
1996-0 MAKSIM GORKY Class

Displacement  
Complement  
Stricken 1970

8,177 ts Length 627 ft  
963 Beam 58 ft  
Draft 20.8 ft  
Marti Yard, Nicolaiev  
Launched 02/23/1939  
Completed 06/14/1941



## SHIP LOG SHEET

Version 3/6/2009



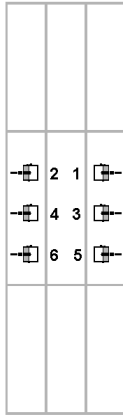
### 9 x 180mm/57 B1P

22

Max ROF		Range		Shell Size/Weight	
2.5	sh/min	41,340 yds	82.7"	7.1"	215.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	1K3	None		COM	HE
AA	0.0	Level	S	Ammunition	
				180 rpg	1620

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

APCBC		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	5.0	5.0	5.0	5.0	4.8	4.3	3.6	3.1	2.7	2.3	2.0	1.7	1.5	1.4			
Rge	S	S	S	S	S	M	M	M	M	L	L	L	E	E			
H	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.6	2.0	2.6	3.4	4.2			
V	14.7	13.4	12.2	11.0	9.9	8.9	7.5	6.3	5.3	3.8	3.6	3.4	3.3	3.4			



### 6 x 100mm/56 B34

10

Max ROF		Range		Shell Size/Weight	
16.0	sh/min	24,323 yds	48.6"	3.9"	34.4 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2Q2	None		COM	HE
AA	2.6	Level	V	Ammunition	
				250 rpg	1500

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		

SAP		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	6.8	5.8	4.9	4.2	3.5	2.8	2.2	1.8	1.4	1.3						
Rge	S	S	S	S	M	M	L	L	E	E	E						
H	0.1	0.2	0.2	0.3	0.4	0.4	0.7	1.1	1.6	1.9	2.0						
V	6.1	5.0	4.0	3.1	2.4	1.9	1.6	1.3	1.1	0.6	0.5						

Crew	Sea	BR	Targ Sz	Ops
			1	

### AIRCRAFT

Aircraft	2	Catapult	1
HD55 (KR-1)		0 1 21	
105 kts	92 kts	13100 ft	

### TORPEDOES

TT	6	Ammo	12
53-38U			
Damage Class	B		
Settings			
4,400/45			
8,800/34			
11,000/30			
MINES			
90			

### RAPID FIRE BATTERIES

RF1	10	45mm/46 21-K		
Max Rg	10,000	20.0"	7	5
Eff Rg	4,500	9.0"	11	8

RF	Port	5	4	3	2	1
8	Stbd	5	4	3	2	1

AA	Port	10	8	5	3	1
H	Stbd	10	8	5	3	1

RF2	None				
Max Rg					
Eff Rg					

RF	Port					
0	Stbd					

AA	Port					
	Stbd					

RF3	None				
Max Rg					
Eff Rg					

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Coal (ts)	0	Oil (ts)	1280	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	GT			3850	18	Redut-K		0		Rack	0
Boilers	6 Yarrow-Normand					None		None		Ammo	0





