

Ship Reference Sheet						1. Ship name Leningrad												
2. Ship class Leningrad		3. Ship Type DD		4. Size class C		5. Speed 36		6. Propulsion Steam Turbine			7. Crew 250		8. Total Mounts 13		9. Armor Class 0			
Radars (Annex G) Name Function		Range Large		Range Small		Range Vsmall		Damage Point Effects Percentage Damage 0% 25% 50% 75% 90% 100%										
SO-13	SS	20	10	5				Damage Points		0	20	41	61	74	80			
								Surface Speed		36	27	18	9	0	Sinks			
Sonar (Annex H) Name Type		Active Range		Passive Range		Surf Ship		Submarine		Torpedo		Acceleration Rate (% of Max Speed)			Deceleration Rate (Any Speed)		15kts	
Mars-16	Flank	NA	4.0	1.0	2.0			Turning Distance (Hard Rudder)		200yds	Speed Loss per 45° Turn	3kts (HR)	Note: Turns greater than 45° halves acceleration rate					
Tamir-2	Keel	1.5	2.0	0.5	1.0	Turning Distance (Standard Rudder)		300yds	2kts (SR)									
Type 129 ASDIC (Dragon Series)	Keel	1.7	4.0	1.0	2.0	Embarked Aircraft: N/A												
Guns (Annex C) Arc(bb)Mts Name		Shell Type		Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng		
2F/P&S/ 2A (1)5	B-13 130mm/50	HE	0- 4.2	4	10	4.3- 12.5	3	13	12.6- 20.9	1	2	21.0- 27.8	8	2				
		AP		25	17		20	5		4	6		1	5				
PA/SA (1)2	34-K 76mm/55	HE	0- 2.2	2	6	2.3- 6.6	2	5	6.7- 11.0	0	2	11.1- 14.6	1	2				
vs. Belt Armor										vs. Deck Armor								
Area AA Guns:		(1)2 34-K 76mm/55					Area AA Range: 3.5					Area AA Strength: 0.4						
Light AA Guns:		(6) 70-K 37mm/57, (6) DShK 12.7mm										Light AA Strength: 1.6						
Anti-Submarine Warfare Systems (Annex D)																		
Arc(bb) Mts Name		Range		PH		Dam Pts		Remarks										

Depth Change Armament: (2) DC rails w/5 B-1 or 10 M-1 DC (2) BMB-1 K-guns w/ 4 B-1 or M-1 DC				Max Pattern Size: 3, 5, 7				Max Pattern Depth: Int II					
DC Type: M-1 or B-1				Total DC's Carried: 34 B-1 or 40 M-1 (total)									
Torpedoes (Annex E) Arc(bb)Mts Torpedo Type		# Torps per mt		Speed kts		Dist/Tn yds		Range yds		Damage Points		Remarks	
P&S (4)2	533mm TT w/4 53-38 Torp.	4	45			4400	81						
			35			8700							
			31			10900							

Notes and Remarks:

- Two ships in Baltic Fleet class: Leningrad & Minsk..
- Standard displacement is 2184 tons.
- 1942 DC & AA fit.
- Can carry 80 mines.

Ship Reference Sheet						1. Ship name Smetlivy											
2. Ship class Project 7		3. Ship Type DD		4. Size class C		5. Speed 36		6. Propulsion Steam Turbine			7. Crew 271		8. Total Mounts 12		9. Armor Class 0		
Radars (Annex G) Name		Range Large		Range Small		Range Vsmall		Damage Point Effects Percentage Damage									
								0%	25%	50%	75%	90%	100%				
								Damage Points	0	18	36	53	64	71			
								Surface Speed	36	27	18	9	0	Sinks			
								Acceleration Rate (% of Max Speed)	0-50%	51-100%	Deceleration Rate (Any Speed)		15kts				
									12kts	6kts							
Sonar (Annex H) Name		Active Range		Passive Range Surf Ship		Submarine		Torpedo		Turning Distance (Hard Rudder)		Speed Loss per 45° Turn		Note: Turns greater than 45° halves acceleration rate			
Mars-16	Flank	NA	4.0	1.0	2.0			200yds	300yds	3kts (HR)	2kts (SR)						
Tamir-2	Keel	1.5	2.0	0.5	1.0			Embarked Aircraft: N/A									
Guns (Annex C) Arc(bb)Mts		Shell Type		Short Range (7) Range			Med Range (5) Range			Long Range (2) Range			Extreme Range (1) Range			FC Radar, Strength, Rng	
F/A (1)4	B-13 130mm/50	HE	0-4.2	4	10	4.3-12.5	3	13	12.6-20.9	1	2	21.0-27.8	8	2			
		AP		25	17		20	5		4	6		1	5			
PA/SA (1)2	34-K 76mm/55	HE	0-2.2	2	6	2.3-6.6	2	5	6.7-11.0	0	2	11.1-14.6	1	2			
vs. Belt Armor										vs. Deck Armor							
Area AA Guns:		(1)2 34-K 76mm/55							Area AA Range: 3.5			Area AA Strength: 0.4					
Light AA Guns:		(2) 70-K 37mm/57, (2) DShK 12.7mm							Light AA Strength: 0.9								
Anti-Submarine Warfare Systems (Annex D)																	
Arc(bb)Mts		Name		Range		PH		Dam Pts		Remarks							

Depth Change Armament: (2) DC rails w/5 B-1 or 10 M-1 DC (2) BMB-1 K-guns w/ 4 B-1 or M-1 DC				Max Pattern Size: 3, 5, 7				Max Pattern Depth: Int II							
DC Type: M-1 or B-1				Total DC's Carried: 30 B-1 or 34 M-1 (total)											
Torpedoes (Annex E) Arc(bb)Mts		Torpedo Type		# Torps per mt		Speed kts		Dist/Tn yds		Range yds		Damage Points		Remarks	
P&S (3)2	533mm TT w/3 53-38 Torp.	3	45			4400	81								
			35			8700									
			31			10900									

Notes and Remarks:

- (1) Five ships in Baltic Fleet class: Gordy, Gnevny, Smetlivy, Steregushchy, Groyashchy.
- (2) Standard displacement is 1855 tons.
- (3) 1942 DC & AA fit..
- (4) Can carry 58 mines.

