Berkut

PG **RUSSIA** 1944 to 1945

8983-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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
1	None	
1G2		

AP	SAP
COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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

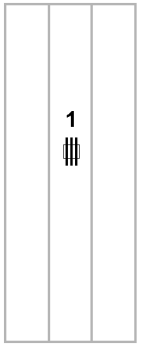
SAP / PENETRATION TABLE

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
			0	

AIRCRAFT

Aircraft	0			Catapult	0	



TORPEDOES

TT	3	Ammo	6

45-12

Damage Class	G

Settings

2,200/43

5,400/30

6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1 — 4 — 37mm/67 70-K

Max Rg	9,000	18.0"	9	7
Eff Rg	4,050	8.1"	13	10

RF 10	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA M	Port	16	13	9	5	2
	Stbd	16	13	9	5	2

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					

Coal (ts)	0	Oil (ts)	0
Engines	GT		
Boilers	4 WT		

Radius (nm/kts)	

Search Radar
291
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

Captain

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

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Berkut

TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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

Gryf

PG RUSSIA 1944 to 1945

8984-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1	1G2	None	+ 0	COM	HE

AA	Level	Ammunition	
2.6	V	150 rpg	450

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

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			

Coal (ts)	0	Oil (ts)	0
Engines	GT		
Boilers	4 WT		

Radius (nm/kts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
	291	0	Rack	0
	None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

TORPEDOES

TT	3	Ammo	6

45-12

Damage Class	G

Settings

2,200/43

5,400/30

6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K			
Max Rg	9,000	18.0"	9	7	
Eff Rg	4,050	8.1"	13	10	

RF 10						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0

AA M						
	Port	16	13	9	5	2
	Stbd	16	13	9	5	2

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

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

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TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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

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
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RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

Gryf

T#	DE #	SEVERITY	DESCRIPTION

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		DAMAGE CONTROL	
ROLL	EFECT ON FIRE	ROLL	EFECT 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

Kondor

PG **RUSSIA** 1944 to 1945

8985-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad
Complement	148	*Beam*	27 ft	*Launched*
		Draft	9.9 ft	*Completed*

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1	1G2	None	+ 0	COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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

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			

Coal (ts)	0	Oil (ts)	0	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	GT					291	0	Rack	0
Boilers	4 WT					None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0			Catapult	0

1

TORPEDOES

TT	3	Ammo	6

45-12

Damage Class	G

Settings

2,200/43

5,400/30

6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K			
Max Rg	9,000	18.0"		9	7
Eff Rg	4,050	8.1"		13	10
RF	Port	2	2	1	1	0
10	Stbd	2	2	1	1	0
AA	Port	16	13	9	5	2
M	Stbd	16	13	9	5	2

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

Captain	

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

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Kondor

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8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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
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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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																				R5B	Barrage fire as range permits
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																				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		DAMAGE CONTROL	
ROLL	EFECT ON FIRE	ROLL	EFECT 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

Korshun

PG **RUSSIA** 1944 to 1945

8986-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1	1G2	None	+ 0	COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

FIRE CONTROL TABLE								
T Kts	Short		Medium		Long		Extreme	
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10 - 18	15	9	11	7	9	5	7	5
19 - 27	12	8	9	6	7	4	6	4
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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			

Coal (ts)	0	Oil (ts)	0	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	GT					291	0	Rack	0
Boilers	4 WT					None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT			
Aircraft	0	Catapult	0

1

TORPEDOES	
TT 3	Ammo 6
45-12	
Damage Class	G
Settings	
2,200/43	
5,400/30	
6,500/28	

MINES
20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K				
Max Rg		9,000	18.0"		9	7
Eff Rg		4,050	8.1"		13	10
RF	Port	2	2	1	1	0
10	Stbd	2	2	1	1	0
AA	Port	16	13	9	5	2
M	Stbd	16	13	9	5	2

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					

Captain	

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

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Korshun

TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547									
KTS	31									

Fuel Code	

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	Target Sz
90	0
Emergency Turn	Searchlights
120	Port / Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

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

Oryol

PG **RUSSIA** 1944 to 1945

8987-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1	1G2	None	+ 0	COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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

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			

Coal (ts)	0	Oil (ts)	0	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	GT					291	0	Rack	0
Boilers	4 WT					None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

TORPEDOES

TT	3	Ammo	6
45-12			
Damage Class	G		

Settings

- 2,200/43
- 5,400/30
- 6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K			
Max Rg	9,000	18.0"	9	7	
Eff Rg	4,050	8.1"	13	10	

RF	Port	2	2	1	1	0
10	Stbd	2	2	1	1	0
AA	Port	16	13	9	5	2
M	Stbd	16	13	9	5	2

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					

Captain	

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

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TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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

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

Oryol

T#	DE #	SEVERITY	DESCRIPTION

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

Sokol

PG **RUSSIA** 1944 to 1945

8988-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad
Complement	148	*Beam*	27 ft	*Launched*
		Draft	9.9 ft	*Completed*

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1		1G2	None	+ 0	COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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

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			

Coal (ts)	0	Oil (ts)	0	Radius (nm/kts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	GT				291	0	Rack	0
Boilers	4 WT				None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

TORPEDOES

TT	3	Ammo	6

45-12	
Damage Class	G
Settings	
2,200/43	
5,400/30	
6,500/28	

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K			
Max Rg	9,000	18.0"	9	7	
Eff Rg	4,050	8.1"	13	10	
RF 10	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA M	Port	16	13	9	5	2
	Stbd	16	13	9	5	2

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	

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

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Sokol

TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547									
KTS	31									

Fuel Code	

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	Target Sz
90	0
Emergency Turn	**Searchlights**
120	Port / Stbd

Speed Increase	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

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		DAMAGE CONTROL	
ROLL	EFECT 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

Voron

PG **RUSSIA** 1944 to 1945

8989-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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		AP	SAP
1	1G2	None	+ 0	COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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

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			

Coal (ts)	0	Oil (ts)	0	Radius (nm/kts)		Search Radar	ASW MORTARS/ATW	DEPTH CHARGES	
Engines	GT					291	0	Rack	0
Boilers	4 WT					None	None	Ammo	0

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

TORPEDOES

TT	3	Ammo	6

45-12

Damage Class	G

Settings

2,200/43

5,400/30

6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K			
Max Rg	9,000	18.0"	9	7	
Eff Rg	4,050	8.1"	13	10	

RF 10						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0

AA M						
	Port	16	13	9	5	2
	Stbd	16	13	9	5	2

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	

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

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TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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

Voron

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
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																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
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																				KX	Lay smoke
																				IS ##	Illuminate using starshell
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TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
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PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
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																				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

Yastreb

PG **RUSSIA** 1944 to 1945

8978-0 YASTREB Class

Displacement	906 ts	*Length*	276 ft	Zhdanov, Leningrad	
Complement	148	*Beam*	27 ft	*Launched*	
		Draft	9.9 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

3 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
1		1G2	None	

AP	SAP
COM	HE

AA	2.6	Level	V	Ammunition	150 rpg	450

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			

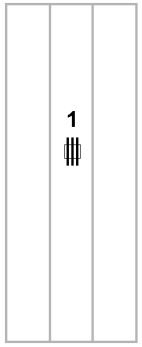
FIRE CONTROL TABLE

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

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0			Catapult	0	



TORPEDOES

TT	3	Ammo	6

45-12

Damage Class	G

Settings

2,200/43

5,400/30

6,500/28

MINES

20

RAPID FIRE BATTERIES

RF1	4	37mm/67 70-K				
Max Rg	9,000	18.0"		9	7	
Eff Rg	4,050	8.1"		13	10	

RF						
10	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA	Port	16	13	9	5	2
M	Stbd	16	13	9	5	2

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					

Coal (ts)	0	Oil (ts)	0
Engines	GT		
Boilers	4 WT		

Radius (nm/kts)	

Search Radar
291
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

Captain	

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

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Yastreb

TIER	DP
1/70	55
2/80	109
3/75	164
4/85	219
5/80	274
6/90	323
7/85	372
8/95	421
9/90	470
10	520
10	552

DP	547
KTS	31

Engine Rm	2	31	18	0	0	0	0
Prop/Shaft	2	31	16	0	0	0	0
Boiler Rm	2	31	19	0	0	0	0
			0	0	0	0	0

Standard Turn	
90	
Emergency Turn	
120	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-09 kt	10-16 kt	17-20 kt	21-23 kt	24+ kt	
Increase	10.0	7.0	4.0	3.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	

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

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