Sovyetskaya Byelorussiya

BB RUSSIA Plan

8252-0 SOVYETSKIY SOYUZ Class

Displacement	59,150 ts	Length	889 ft	Shipyard No. 402, Molotovsk
Complement	1664	Beam	128 ft	Launched
Scrapped 1949		Draft	33.5 ft	Completed

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

9 x 406mm/50 B-37 — 60

Max ROF	Range	Shell Size/Weight
2.0 sh/min	48,869 yds 97.7"	16.0" 2443.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		1G3	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	900

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	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.3	2.9	2.6	2.3	2.1	1.9	1.7
Rge	S	S	S	S	S	S	M	M	M	M	L	L	L	L
H	0.5	1.1	1.6	2.1	2.5	2.9	3.4	3.7	4.1	4.4	4.7	5.2	6.0	7.1
V	36.3	34.5	32.7	31.0	29.3	27.7	25.4	23.4	21.5	19.8	18.4	17.1	16.0	15.0

12 x 152mm/57 MK-4 — 17

Max ROF	Range	Shell Size/Weight
6.0 sh/min	33,877 yds 67.8"	6.0" 121.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2G3	None		COM	HE

AA	0.0	Level	S	Ammunition	170 rpg	2040

2 1
4 3
6 5

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

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	7.9	6.9	6.0	5.2	4.6	4.1	3.4	2.8	2.4	2.0	1.7	1.5	1.2	1.1
Rge	S	S	S	S	S	M	M	M	L	L	E	E	E	E
H	0.2	0.3	0.4	0.7	0.6	0.7	0.9	1.0	1.2	1.8	2.4	2.9	3.5	3.8
V	11.4	10.2	9.0	7.9	6.9	6.0	4.8	3.8	2.8	2.6	2.5	2.5	2.8	2.9

12 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	400 rpg	4800

2 1

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			

Coal (ts)	0	Oil (ts)	6440
Engines	GT		
Boilers	6 WT		

Radius (nm/kts)	
5240	21

Search Radar
Redut-K
None

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

Crew	Sea	BR	Targ Sz	Ops
			4	

AIRCRAFT

Aircraft	4			Catapult	2	
KOR-2 (Be-4)				1	1	30
192 kts	105 kts		26500 ft			

TORPEDOES

TT	0	Ammo	0

None

Damage Class

Settings

MINES

0

RAPID FIRE BATTERIES

RF1	40	37mm/67 70-K			
Max Rg	9,000	18.0"		9	7
Eff Rg	4,050	8.1"		13	10

RF						
10	Port	20	16	11	7	3
	Stbd	20	16	11	7	3
AA	Port	161	129	89	53	24
M	Stbd	161	129	89	53	24

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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Sovyetskaya Byelorussiya

TIER	DP
1/70	442
2/80	884
3/75	1325
4/85	1767
5/80	2209
6/90	2607
7/85	3004
8/95	3402
9/90	3799
10	4197
10	4462

DP	4418
KTS	27

Engine Rm	3	27	22	8	0	0	0
Prop/Shaft	3	27	21	6	0	0	0
Boiler Rm	3	27	22	10	0	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
4	
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)				
11				

Fuel Code	BB4E

ARMOR	0.85	Actual
1H DECK	6.9	8.1
2H TURRET	7.7	9.1
3H SUPERSTR	4.6	5.4
4V CON	14.2	16.7
5V BELT MID	14.0	16.5
6V BELT END	6.8	8.0
7V BARBETTE	14.2	16.7
8V TURRET	16.6	19.5
9V SUPERSTR	6.6	7.8

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
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				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

Sovyetskaya Ukraina

BB RUSSIA Plan

8253-0 SOVYETSKIY SOYUZ Class

Displacement	59,150 ts	*Length*	889 ft	Marti Yard, Nicolaiev	
Complement	1664	*Beam*	128 ft	*Launched*	
Scrapped 1946		*Draft*	33.5 ft	*Completed*	

SEEKRIEG 5

SHIP LOG SHEET

Version 3/6/2009

9 x 406mm/50 B-37 — 60

Max ROF	Range	Shell Size/Weight
2.0 sh/min	48,869 yds 97.7"	16.0" 2443.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		1G3	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	900

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	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.3	2.9	2.6	2.3	2.1	1.9	1.7
Rge	S	S	S	S	S	S	M	M	M	M	L	L	L	L
H	0.5	1.1	1.6	2.1	2.5	2.9	3.4	3.7	4.1	4.4	4.7	5.2	6.0	7.1
V	36.3	34.5	32.7	31.0	29.3	27.7	25.4	23.4	21.5	19.8	18.4	17.1	16.0	15.0

12 x 152mm/57 MK-4 — 17

Max ROF	Range	Shell Size/Weight
6.0 sh/min	33,877 yds 67.8"	6.0" 121.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2G3	None		COM	HE

AA	0.0	Level	S	Ammunition	170 rpg	2040

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

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	7.9	6.9	6.0	5.2	4.6	4.1	3.4	2.8	2.4	2.0	1.7	1.5	1.2	1.1
Rge	S	S	S	S	S	M	M	M	L	L	E	E	E	E
H	0.2	0.3	0.4	0.7	0.6	0.7	0.9	1.0	1.2	1.8	2.4	2.9	3.5	3.8
V	11.4	10.2	9.0	7.9	6.9	6.0	4.8	3.8	2.8	2.6	2.5	2.5	2.8	2.9

12 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	400 rpg	4800

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			

Coal (ts)	0	Oil (ts)	6440
Engines	GT		
Boilers	6 WT		

Radius (nm/kts)	
5240	21

Search Radar
Redut-K
None

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

Crew	Sea	BR	Targ Sz	Ops
			4	

AIRCRAFT

Aircraft	4			Catapult	2	
KOR-2 (Be-4)				1	1	30
192 kts	105 kts			26500 ft		

TORPEDOES

TT	0	Ammo	0

None

Damage Class

Settings

MINES

0

RAPID FIRE BATTERIES

RF1	40	37mm/67 70-K			
Max Rg	9,000	18.0"	9	7	
Eff Rg	4,050	8.1"	13	10	

RF						
10	Port	20	16	11	7	3
	Stbd	20	16	11	7	3
AA M	Port	161	129	89	53	24
	Stbd	161	129	89	53	24

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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Sovyetskaya Ukraina

TIER	DP
1/70	442
2/80	884
3/75	1325
4/85	1767
5/80	2209
6/90	2607
7/85	3004
8/95	3402
9/90	3799
10	4197
10	4462

DP	4418
KTS	27

Engine Rm	3	27	22	8	0	0	0
Prop/Shaft	3	27	21	6	0	0	0
Boiler Rm	3	27	22	10	0	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
4	
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)				
11				

Fuel Code	BB4E

ARMOR	0.85	Actual
1H DECK	6.9	8.1
2H TURRET	7.7	9.1
3H SUPERSTR	4.6	5.4
4V CON	14.2	16.7
5V BELT MID	14.0	16.5
6V BELT END	6.8	8.0
7V BARBETTE	14.2	16.7
8V TURRET	16.6	19.5
9V SUPERSTR	6.6	7.8

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
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				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

Sovyetskiy Soyuz

BB RUSSIA Plan

8251-0 SOVYETSKIY SOYUZ Class

Displacement	59,150 ts	*Length*	889 ft	Ordzhonikidze Yard, Leningrad
Complement	1664	*Beam*	128 ft	*Launched*
Scrapped 1940		*Draft*	33.5 ft	*Completed*

SEEKRIEG 5

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2.0 sh/min	48,869 yds 97.7"	16.0" 2443.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		1G3	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	900

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

PENETRATION TABLE — APCBC

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	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.3	2.9	2.6	2.3	2.1	1.9	1.7
Rge	S	S	S	S	S	S	M	M	M	M	L	L	L	L
H	0.5	1.1	1.6	2.1	2.5	2.9	3.4	3.7	4.1	4.4	4.7	5.2	6.0	7.1
V	36.3	34.5	32.7	31.0	29.3	27.7	25.4	23.4	21.5	19.8	18.4	17.1	16.0	15.0

12 x 152mm/57 MK-4 — 17

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6.0 sh/min	33,877 yds 67.8"	6.0" 121.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
2		2G3	None		COM	HE

AA	0.0	Level	S	Ammunition	170 rpg	2040

2 1
4 3
6 5

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

PENETRATION TABLE — APCBC

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	6.9	6.0	5.2	4.6	4.1	3.4	2.8	2.4	2.0	1.7	1.5	1.2	1.1
Rge	S	S	S	S	S	M	M	M	L	L	E	E	E	E
H	0.2	0.3	0.4	0.7	0.6	0.7	0.9	1.0	1.2	1.8	2.4	2.9	3.5	3.8
V	11.4	10.2	9.0	7.9	6.9	6.0	4.8	3.8	2.8	2.6	2.5	2.5	2.8	2.9

12 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	400 rpg	4800

2 1

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

PENETRATION TABLE — SAP

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)	6440
Engines	GT		
Boilers	6 WT		

Radius (nm/kts)	
5240	21

Search Radar
Redut-K
None

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

Crew	Sea	BR	Targ Sz	Ops
			4	

AIRCRAFT

Aircraft	4			Catapult	2	
KOR-2 (Be-4)				1	1	30
192 kts	105 kts		26500 ft			

TORPEDOES

TT	0	Ammo	0

None

Damage Class

Settings

MINES

0			

RAPID FIRE BATTERIES

RF1	40	37mm/67 70-K			
Max Rg	9,000	18.0"		9	7
Eff Rg	4,050	8.1"		13	10

RF						
10	Port	20	16	11	7	3
	Stbd	20	16	11	7	3
AA	Port	161	129	89	53	24
M	Stbd	161	129	89	53	24

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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Sovyetskiy Soyuz

TIER	DP
1/70	442
2/80	884
3/75	1325
4/85	1767
5/80	2209
6/90	2607
7/85	3004
8/95	3402
9/90	3799
10	4197
10	4462

DP	4418
KTS	27

Engine Rm	3	27	22	8	0	0	0
Prop/Shaft	3	27	21	6	0	0	0
Boiler Rm	3	27	22	10	0	0	0
			0	0	0	0	0

Standard Turn	
45	
Emergency Turn	
60	

Target Sz	
4	
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)				
11				

Fuel Code	BB4E

ARMOR	0.85	Actual
1H DECK	6.9	8.1
2H TURRET	7.7	9.1
3H SUPERSTR	4.6	5.4
4V CON	14.2	16.7
5V BELT MID	14.0	16.5
6V BELT END	6.8	8.0
7V BARBETTE	14.2	16.7
8V TURRET	16.6	19.5
9V SUPERSTR	6.6	7.8

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
TERTIARY AND RF BATTERY																					
																				B3D	Directed fire as range permits
																				B3L	Local Control as range permits
																				B3P	Split fire
																				B3C	Change target
																				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