

Submarine and Merchant Ship Cards for WWII

Submarines	Great Britain	S Class
		T Class
	Germany	VIIC Class, (Workhorse of Uboat fleet)
	Japan	I 15 Class
	USA	Balco Class
Merchant Ships	Great Britain	Ranger Class Oiler
		Petrol Carrier (e.g. Airsprite, Nasprite, petrobus)
	USA	Liberty Ship

Submarines

Ship Class	Type	Country	
S Class	Submarine	GB	Ship Value 2058
Main Guns: 3 inch * 1			AA guns 4
1 Main Turrets	2ndry Turrets		
Range Damage	Range Damage	Range Damage	
Torpedo Tubes 7	Armour Belt 0	Armour Turret 0	Armour Deck 0
Planes 0	Mines 0	Speed Knots 14	Standard Tonnage 715
Damage	Effect	Damage	Effect
147	13 Knots	1176	6 Knots
294	12 Knots	1176	- 4 T.Tubes
294	- 1 T.Tubes	1323	5 Knots
441	11 Knots	1470	4 Knots
515	- 1 AA	1470	- 5 T.Tubes
588	10 Knots	1544	- 3 AA
588	- 2 T.Tubes	1617	3 Knots
735	9 Knots	1764	2 Knots
882	8 Knots	1764	- 6 T.Tubes
882	- 3 T.Tubes	1911	1 Knots
1029	7 Knots	2058	Wrecked

Notes 6 TT facing front, 1 facing rear. Submarines do not normally reload in combat due to the noise.

e.g. 39 ships in the class Safari (of the book fame), Satyr, Scotsman

T Class	Submarine	GB	Ship Value 2245
Main Guns: 4 inch * 1			AA guns 4
Range 23 Damage 160			
Torpedo Tubes 5	Armour Belt 0	Armour Turret 0	Armour Deck 0
Planes 0	Mines 0	Speed Knots 15 9 submerged	Standard Tonnage 1090
Damage	Effect	Damage	Effect
150	14 Knots	1347	6 Knots
299	13 Knots	1347	- 3 T.Tubes
449	12 Knots	1497	5 Knots
449	- 1 T.Tubes	1646	4 Knots
561	- 1 AA	1796	- 4 T.Tubes
599	11 Knots	1684	- 3 AA
748	10 Knots	1796	3 Knots
898	9 Knots	1946	2 Knots
898	- 2 T.Tubes	2095	1 Knots
1048	8 Knots	2245	Wrecked

26 in class e.g. Tactician, Trump and Tallyho

Ship Class	Type	Country	
Type VIIC	Submarine	Germany	Ship Value 2038
Main Guns: 4.1 inch * 1			AA guns 2
Range 41 Damage 210			
Torpedo Tubes 5 (4 forward/ 1 rear)	Armour Belt 0	Armour Turret 0	Armour Deck 0
Planes 0	Mines 0	Speed Knots 18 surface/ 8 submerged	Standard Tonnage 769
Damage	Effect	Damage	Effect
113	17 Knots	1132	8 Knots
226	16 Knots	1223	- 3 T.Tubes
340	15 Knots	1246	7 Knots
408	- 1 T.Tubes	1359	6 Knots
453	14 Knots	1472	5 Knots
510	- 0.5 AA	1529	- 1.5 AA
566	13 Knots	1585	4 Knots
679	12 Knots	1631	- 4 T.Tubes
793	11 Knots	1699	3 Knots
815	- 2 T.Tubes	1812	2 Knots
906	10 Knots	1925	1 Knots
1019	- 1 AA	2038	- 1 Main Turrets
1019	9 Knots	2038	- 5 T.Tubes
1132	8 Knots	2038	- 2 AA
1223	- 3 T.Tubes	2038	Wrecked

This was the workhorse of the German Uboat campaign, the most famous one (U96) was in the series/ book 'Das Boat'.

568 were commissioned e.g. U825, U826

Ship Class	Type	Country	
Balao Class	Submarine	USA	Ship Value 3761
Main Guns: 3 inch * 1		AA guns 3	
1 * Main Turrets			
Range Damage			
Torpedo Tubes 10	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 21 surface/ 9 submerged (estimate)	Standard Tonnage 1526
Damage	Effect	Damage	Effect
179	20 Knots	1970	10 Knots
358	19 Knots	2149	9 Knots
376	- 1 T.Tubes	2256	- 6 T.Tubes
537	18 Knots	2328	8 Knots
716	17 Knots	2507	7 Knots
752	- 2 T.Tubes	2632	- 7 T.Tubes
895	16 Knots	2686	6 Knots
940	- 0.75 AA	2820	- 2.25 AA
1074	15 Knots	2865	5 Knots
1128	- 3 T.Tubes	3008	- 8 T.Tubes
1254	14 Knots	3044	4 Knots
1433	13 Knots	3223	3 Knots
1504	- 4 T.Tubes	3384	- 9 T.Tubes
1612	12 Knots	3402	2 Knots
1791	11 Knots	3581	1 Knots
1880	- 5 T.Tubes	3760	Wrecked

Notes: 120 produced, some have 4 inch gun, some had 5.25, 6 bow torpedo tubes, 4 stern.

Ship Class	Type	Country	
I 15 class	Submarine	Japan	Ship Value 4385
Main Guns: 5.5 inch * 1		AA guns 3	
1 * Main Turrets			
Range Damage			
Torpedo Tubes 8	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 20	Standard Tonnage 2180
Damage	Effect	Damage	Effect
219	19 Knots	2412	9 Knots
439	18 Knots	2631	8 Knots
548	- 1 T.Tubes	2741	- 5 T.Tubes
658	17 Knots	2850	7 Knots
877	16 Knots	3070	6 Knots
1096	15 Knots	3289	5 Knots
1096	- 2 T.Tubes	3289	- 6 T.Tubes
1096	- 0.75 AA	3289	- 2.25 AA
1316	14 Knots	3508	4 Knots
1535	13 Knots	3727	3 Knots
1644	- 3 T.Tubes	3837	- 7 T.Tubes
1754	12 Knots	3947	2 Knots
1973	11 Knots	4166	1 Knots
2193	10 Knots	4385	Wrecked

Notes: biggest submarine in Japanese fleet, 10 in class, some even had a seaplane in their equipment.

Merchant Ships



This well-known photo shows a **convoy** of merchant ships getting ready to sail to Britain from **Bedford Basin**, the splendid harbour of **Halifax, Nova Scotia**. The photo is from [A Nation Forged in Fire](#) by J.L. Granatstein and Desmond Morton.

Convoys were divided into **slow** convoys for ships that could not maintain a steady speed of 10 knots, and **fast** convoys for ships capable of speeds between 10 and 15 knots. Convoys travelled at the speed of their slowest ship. The Admiralty allowed ships capable of speeds over 15 knots to travel on their own as **independents**.

Source

<http://members.tripod.com/~merchantships/merchantseamentribute.html>

Ship Class	Type	Country	
Ranger Class Oilers	Merchant	Great Britain	Ship Value 17000
	AA guns 0		
Torpedo Tubes 0	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 11	Standard Tonnage 17000
Damage	Effect	Damage	Effect
1545	10 Knots	9273	5 Knots
3091	9 Knots	10818	4 Knots
4636	8 Knots	12364	3 Knots
6182	7 Knots	13909	2 Knots
7727	6 Knots	15455	1 Knots
		17000	Wrecked

Ship Class	Type	Country	
Petrol Carrier	Merchant	Great Britain	Ship Value 965
	AA guns 0		
Torpedo Tubes 0	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 11	Standard Tonnage 965
Damage	Effect	Damage	Effect
88	10 Knots	526	5 Knots
175	9 Knots	614	4 Knots
263	8 Knots	702	3 Knots
351	7 Knots	790	2 Knots
439	6 Knots	877	1 Knots
		965	Wrecked

Ship Class	Type	Country	
Cunard Liner	Merchant	Great Britain	Ship Value 16243
	AA guns 0		
Torpedo Tubes 0	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 15	Standard Tonnage 16243
Damage	Effect	Damage	Effect
1083	14 Knots	8663	7 Knots
2166	13 Knots	9746	6 Knots
3249	12 Knots	10829	5 Knots
4331	11 Knots	11912	4 Knots
5414	10 Knots	12994	3 Knots
6497	9 Knots	14077	2 Knots
7580	8 Knots	15160	1 Knots
		16243	Wrecked

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Ship Class	Type	Country	
Liberty Ships	Merchant	USA	Ship Value 7491
Main Guns: 3 inch * 2		AA guns 8	
2 * Main Turrets			
Range	Damage		
Torpedo Tubes 0	Armour Belt	Armour Turret	Armour Deck
Planes	Mines	Speed Knots 15	Standard Tonnage 7176
Damage	Effect	Damage	Effect
499	14 Knots	3995	7 Knots
999	13 Knots	4495	6 Knots
1498	12 Knots	4994	5 Knots
1873	- 2 AA	5493	4 Knots
1998	11 Knots	5618	- 6 AA
2497	10 Knots	5993	3 Knots
2996	9 Knots	6492	2 Knots
3496	8 Knots	6992	1 Knots
3746	- 1 Main Turrets	7491	Wrecked

Approx 2742 of these ships were built. They were the 'standard' merchant ship.