## GERMAN UNIT FUNCTION TABLE (Standard Counter-set)

Category	Counter	No	Name	Period	Description
Infantry	2 ° 3 2 <sup>""</sup>	21	Infantry Battalion	E/M	The standard infantry battalion found in the infantry regiments. Although the SS infantry battalions were slightly stronger, it was not enough to change the values on the counter.
	3 <sup>2</sup> 3 3 <sup>  </sup> 3	2	Engineer Battalion	E/M/L	The standard engineer battalion of the infantry divisions. The increased road-space is due to the extra equipment the battalion has such as pontoon bridges, mines, and construction gear which usually horse driven.
	3 <sup>1</sup> 10 3 <sup>"</sup> 3	3	Mobile Engineer Battalion	E/M/L	The standard engineer battalion of the mobile divisions. The reason for the reduced road-space value is because all equipment and personnel are loaded up on trucks, which require less road space when moving along roads than the previous unit.
	3 110 3 <sup>  </sup> 3	13	Motorized Infantry Battalion	E/M	The standard motorized infantry battalions of the motorized, panzer-grenadier, and panzer divisions. While the SS units were slightly stronger, it was not enough to changes the counter values.
	4 1 9 4 <sup>  </sup> 4	3	Armored Infantry Battalion	E/M	The standard armored infantry battalion of the panzer divisions. While the SS units were slightly stronger, it was not enough to change the values on the counter.
Artillery (DF)	2 ° 9 2 <sup>""</sup> 6	2	Anti-Tank Battalion	E/M/L	The standard anti-tank battalion of the infantry divisions. In 1942 it mostly had 50mm anti-tank guns, although by 1943 these started to be supplemented by 75mm anti-tank guns. By 1944 the battalion had all 75mm guns.
	6 <sup>1</sup> 9 6 <sup></sup> 10	3	Anti-Tank Battalion	M/L	The standard anti-tank battalion of the mobile divisions. Usually had two self-propelled anti-tank companies and one towed anti-tank company, although sometimes it would three self-propelled companies.
	3 ° 8 3 <sup>""</sup> 6	3	Anti-Aircraft Battalion	E/M/L	The standard anti-aircraft battalion in the mobile divisions, containing anti-aircraft guns of various calibers from 20mm to 88mm.
Artillery (RF)	5 0 3 11 • 105 4	8	105mm Artillery Battalion	E/M/L	The standard 105mm artillery battalion of the infantry divisions and independent artillery regiments.

	5 0 10 11 • 105 4	3	Mobile 105mm Artillery Battalion	E/M/L	The standard 105mm artillery battalion of the mobile divisions and independent artillery battalions.
	7 0 3 11 • 150 5	2	150mm Artillery Battalion	E/M/L	The standard 150mm artillery battalion of the infantry divisions and independent artillery regiments.
	7 0 8 11 • 150 5	5	Mobile 150mm Artillery Battalion	E/M/L	The standard 150mm artillery battalion of the mobile divisions and independent artillery regiments.
	6 ° 7 "• 7	1	Long Range Heavy Artillery Battalion	E/M/L	The long-range artillery battalion with 170mm or 210mm guns. Usually assigned to independent artillery regiments and sometimes attached to divisions for certain missions.
	8 0 8 II G Mxd 4	3	Mixed Artillery Battalion	M/L	The special 'armored' artillery battalion, containing the 'Wespe' and 'Hummel' self-propelled artillery vehicles, of the panzer divisions and certain independent artillery regiments.
	12 º 9 	1	Rocket Launcher Battalion	E/M/L	The standard 'Nebelwerfer' rocket launcher battalion firing 150mm-210mm rockets.
Recon	5 1 12 5 5 5	3	Reconnaissance Battalion	E/M/L	The standard reconnaissance battalion of the mobile divisions, containing armored cars, motorcycle troops, scout cars and halftracks.
Assault Guns	4 1 9 4 <sup>  </sup> 8	3	Assault Gun Battalion	E/M/L	The standard assault gun battalion equipped with self-propelled guns of various calibers ranging from 75mm to 150mm.
Tanks	5 <sup>1</sup> 8 7 □ 14 □	3	Panzer IV Battalion	M/L	The standard panzer battalion equipped with Panzer IV medium tanks with long 75mm guns.
	5 1 9 9    18 v	1	Panzer V Battalion	M/L	The standard panzer battalion equipped with Panzer V "Panther" medium/heavy tanks.

	6 <sup>1</sup> 8 9 □ 18 <sub>SS IV</sub>	1	SS Panzer IV Battalion	M/L	The SS panzer battalion equipped with Panzer IV medium tanks with long 75mm guns. Increased values due to having 25% more tanks.
	6 1 9 11 <sup>⊥⊥</sup> 22 <sub>SSV</sub>	1	SS Panzer V Battalion	M/L	The SS panzer battalion equipped with Panzer V "Panther" medium/heavy tanks. Increased values due to having 25% more tanks.
HQs	3 <sup>2</sup> 3 3 <sup>XX</sup> HQ	3	Division Headquarters	E/M/L	The standard divisional headquarters of the infantry divisions with the usual support battalions and companies grouped with it.
	3 1 10 3 HQ 3	3	Headquarters	E/M/L	The standard headquarters of the mobile formations. The lack of a formation level symbol is intentional, as it can represent a divisional headquarters or a smaller 'kampfgruppe' headquarters.

## **RUSSIAN UNIT FUNCTION TABLE (Standard Counter-set)**

Category	Counter	No	Name	Period	Description
Infantry	5 ° 3 5 5 5	9	Rifle Regiment	M/L	The standard rifle regiment in the rifle divisions in the other two periods. Increased anti-tank factors reflect the increase of anti-tank weapons within the infantry units.
	5 ° 2 5 ×	6	Rifle Brigade	E/M/L	The generic rifle brigade which was an independent unit. Was bigger than a rifle regiment and most eventually grew to become rifle divisions.
	6 ° <sup>3</sup> ∃ 6 6 6	3	Guards Rifle Regiment	M/L	The standard Guards rifle regiment in the Guards rifle divisions of the other two periods. Increased anti- tank factors reflect the increase of anti-tank weapons within the infantry units.
	2 ° 10 2 " 2	5	Mobile Engineer Battalion	E/M/L	This is the standard engineer battalion of the mobile formations. Frequently attached to the tank and mechanized corps, although by 1944 they were permanently assigned to those formations.
	6 <sup>2</sup> 10 6 <sup>×</sup> 6	2	Motorized Rifle Brigade	M/L	The standard motorized rifle brigade of the tank corps of the other two periods. Increase anti-tank factors reflect increase of anti-tank weapons in the infantry units.
	10 4 9 10 × 10	3	Mechanized Rifle Brigade	M/L	The standard mechanized rifle brigade in the mechanized corps of the latter two periods. Increased factors reflect increase of anti-tank weapons in the infantry units and better tanks in the armor formations.
Cavalry	2 ° 5 2 2	3	Cavalry Regiment	E/M/L	The standard cavalry regiment in the cavalry divisions.
Artillery (DF)	1 ° 3 1 <sup>  </sup> 1 <sup>45</sup>	3	45mm Anti-Tank Battalion	E/M/L	This is the standard 45mm anti-tank battalion assigned to the rifle divisions.
	10 6 10 10 × 16 76	6	76mm Anti-Tank Brigade	E/M/L	This is a special anti-tank brigade, usually equipped with 57mm and/or 76mm anti-tank guns, that was attached to corps and army level formations.

	1 ° 3 1 <sup>II</sup> 2 76	8	76mm Artillery Battalion	E/M/L	These 76mm artillery battalions were usually deployed in rifle, guards rifle and artillery divisions.
	2 0 3 2 <sup>  </sup> 3 <sup>  </sup> 122	4	122mm Artillery Battalion	E/M/L	These 122mm artillery battalions were deployed in rifle and guards rifle divisions, and as part of corps artillery regiments.
	14 1 10 5 × 9 Mxd	3	Mixed Artillery Brigade	M/L	A substitute counter containing the following units; 120mm Heavy Mortar Regiment, 132mm Rocket Launcher Battalion, 76mm Anti-Tank Regiment, and 45mm Mobile Anti-Tank Battalion. In the game it is assigned to the tank, mechanized, and cavalry corps. Did not exist in real life, although it can represent an independent artillery formation in the Russian Army.
Artillery (RF)	10 6 9 × • 76 3	3	76mm Light Artillery Brigade	E/M/L	The standard light artillery brigade, usually found in the artillery divisions.
	13 <sup>6</sup> 6 × • <sup>G</sup> 6	2	Medium Gun Artillery Brigade	E/M/L	The standard medium gun artillery brigade, usually found in the artillery divisions.
	15 6 10 x • 120 2	1	120mm Heavy Mortar Brigade	E/M/L	The standard heavy mortar brigade, usually found in the artillery divisions.
	20 <sup>6</sup> 8 × ● <sup>H</sup> 4	3	Howitzer Artillery Brigade	E/M/L	The standard howitzer artillery brigade, usually found in the artillery divisions.
	40 <sup>6</sup> 6 × ● 203 5	1	203mm Heavy Howitzer Brigade	E/M/L	The standard 203mm heavy howitzer brigade, usually independent and attached to corps and armies.
	36 6 9 x 132 2	3	132mm Rocket Launcher Brigade	E/M/L	The standard 132mm rocket launcher brigade, usually operated as an independent unit.
Recon	3 ° 10 3 <sup>   </sup> 3 <sup>Mxd</sup>	3	Reconnaissance Regiment	E/M/L	A substitute counter which combines the Motorcycle and Armored Car Battalions into one unit. In the game it is assigned to the tank and mechanized corps. Did not exist in real life, although it could represent other independent recon regiments which did exist in the Russian Army.

Assault Guns	2 0 9 2 III 5 85	4	85mm Assault Gun Regiment	M/L	This is the standard SU-85 regiment found in the mobile formations and later as an independent unit.
	4 0 8 4 <sup>   </sup> 6 <sup>152</sup>	4	152mm Assault Gun Regiment	M/L	These are the standard SU-152 and JSU-152 regiments. Usually assigned to the mobile formations, they also acted as independent units.
Tanks	7 <sup>2</sup> 9 7 <sup>×</sup> 14	8	Tank Brigade	M/L	This is the standard tank brigade of the later periods. Equipped solely with medium tanks, usually of the T- 34c variety. Was assigned to the mobile formations and also as an independent unit.
	7 2 9 9 × 18 Gd	3	Guards Tank Brigade	M/L	This is the standard Guards tank brigade. Either had more tanks than a regular tank brigade, or in the late period, was equipped with the T-34/85 tank. Was assigned to the Guards mobile formations.
HQs	1 1 3 1 <sup>xx</sup> 1 HQ	3	Rifle Division Headquarters	E/M/L	The standard rifle division headquarters.
	3 4 10 3 ××× HQ 3	3	Mobile Corps Headquarters	E/M/L	The standard headquarters unit for the tank, mechanized, and cavalry corps.
	2 1 3 2 xx HQ Gd	1	Guards Rifle Division Headquarters	E/M/L	The standard Guards rifle division headquarters.

## NOTES:

[1] The table presents the 'Standard' (original SPI) Lost Battles counter-set (with official SPI errata applied)

[2] The 'Period' column relates to the time period that the units were roughly in existence (according to Alan R. Arvold in his paper on 'Advanced Lost Battles'). The letters indicate the following:

**E** (Early): May 1942 to June 1943

**M** (Mid): July 1943 to June 1944

L (Late): July 1944 to December 1944

[3] The unit counters have been laid out in the same way as the original SPI *Lost Battles* counters, with the German SS units in black and the Russian Guards units in red.